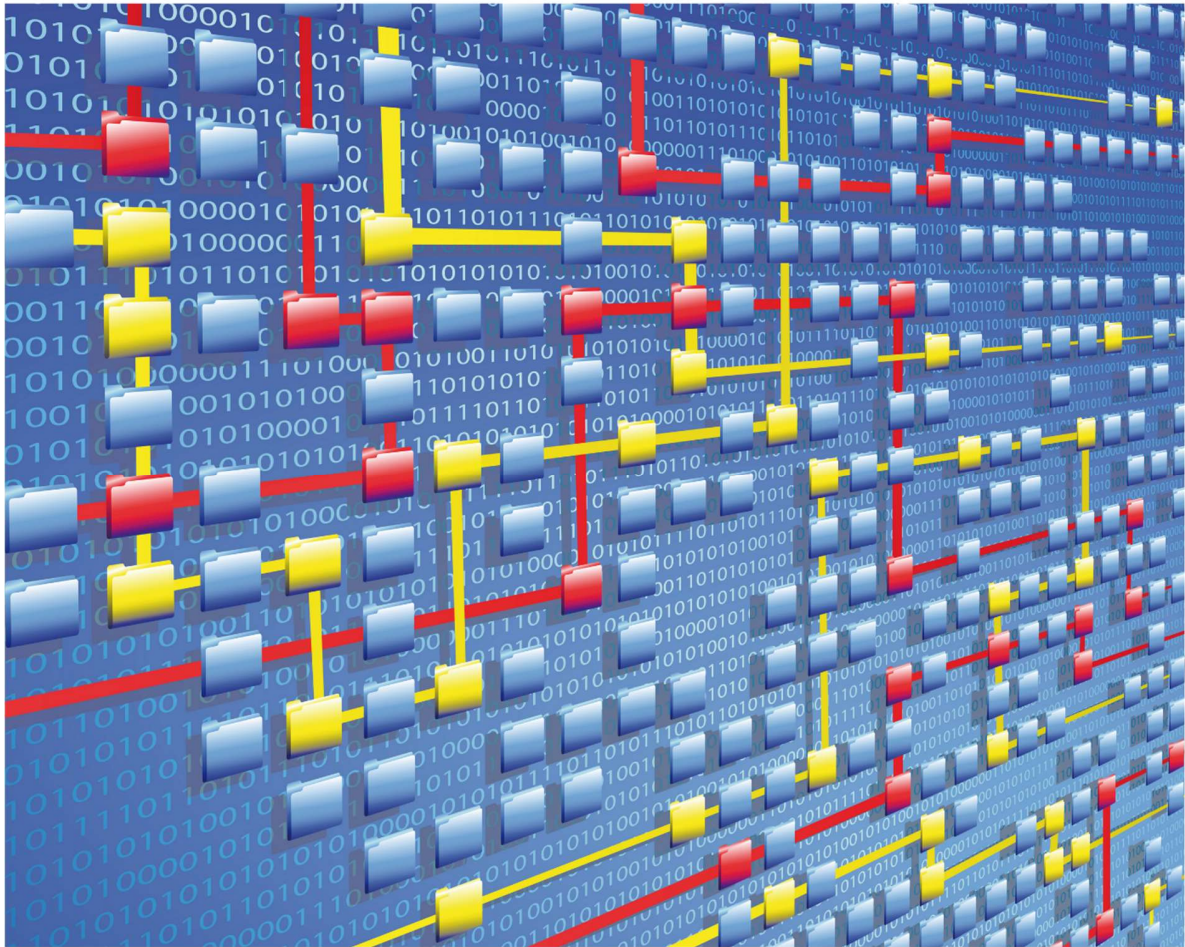


IEEE Task Force on



Process Mining

XES CERTIFICATION FOR
MPM XESPORTER

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TOOL

Tool

NAME

MPM XES Import Wizard

VENDOR

Mehrwerk GmbH

VERSION

V2

REQUESTED CERTIFICATION LEVELS



META

Meta

AUTHORS

Fabian Back, Janna Meyer

DATE

22.04.2021

HISTORY

CHANGES

AUTHOR(S)	DATE	DESCRIPTION
Fabian Back	22.04.2021	V2

IMPORT

Import

REAL-LIFE LOGS

SANITIZED BPIC LOGS

NAME	TRACES	EVENTS	SIZE IN KB
BPIC12	13,087	262,200	72,363
BPIC13_closed_problems	1,487	6,660	4,090
BPIC13_incidents	7,554	65,533	38,627
BPIC13_open_problems	819	2,351	1,370
BPIC15_1	1,199	52,217	40,261
BPIC15_2	832	44,354	33,616
BPIC15_3	1,409	59,681	45,673
BPIC15_4	1,053	47,293	36,131
BPIC15_5	1,156	59,083	44,961
BPIC17 – Offer log	42,995	193,849	107,557
BPIC17	31,509	1,202,267	565,373

General Approach

Use the MPM Import Wizard. Select a default TemplateApp and a folder-connection where the data will be stored. Upload the xes-file of your choice and configure the app name and description.

Select the mapping for CaseID, ActivityType and Timestamps. Optionally map Event- or CaseDimensions.

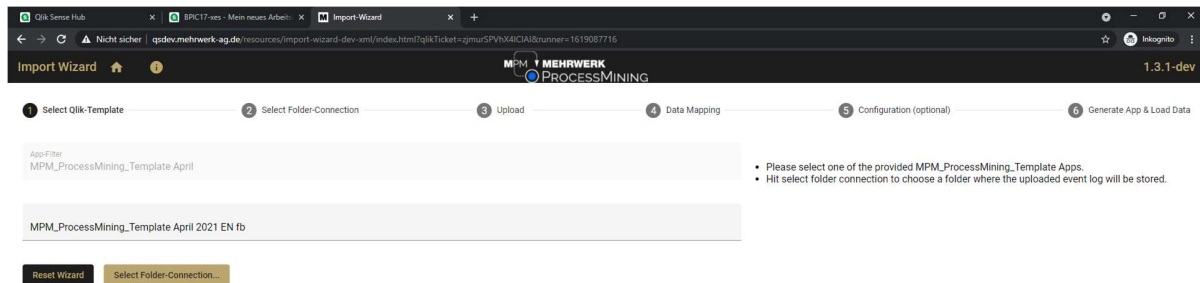
Confirm the mapping. The next step is optional and allows you to configure shift calendar, grouping, custom lead time, process finished, conformance checking or root cause analysis.

Confirm the configuration and the App will be loaded with the XES-Data. Click on the link to the App and analyze your Data. Go to “Analyze sheet” and select the “Process Mining Dashboard”.

For table view select the “Process Log Raw Data” worksheet. To get all information go to “Edit sheet”, “Custom objects”, “Extensions”, “QuickTableView”, select “pa_activity_log_name” and click “Get my table” and “Done editing” .

IMPORT

Select TemplateApp:



1 Select Qlik-Template 2 Select Folder-Connection 3 Upload 4 Data Mapping 5 Configuration (optional) 6 Generate App & Load Data

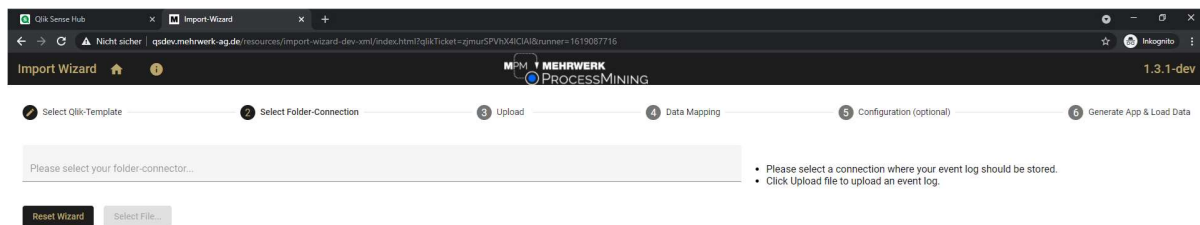
App-Filter
MPM_ProcessMining_Template April

MPM_ProcessMining_Template April 2021 EN fb

Reset Wizard Select Folder-Connection...

- Please select one of the provided MPM_ProcessMining_Template Apps.
- Hit select folder connection to choose a folder where the uploaded event log will be stored.

Select folder-connection:



1 Select Qlik-Template 2 Select Folder-Connection 3 Upload 4 Data Mapping 5 Configuration (optional) 6 Generate App & Load Data

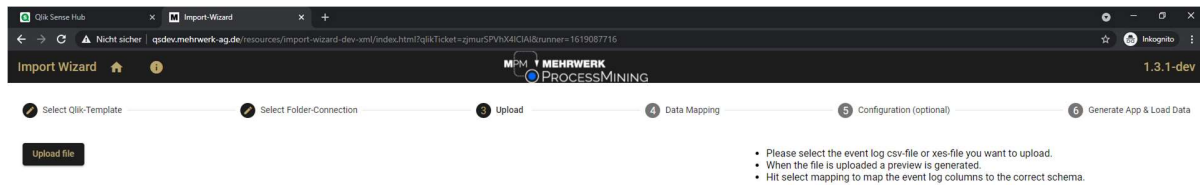
Please select your folder-connector...

Reset Wizard Select File...

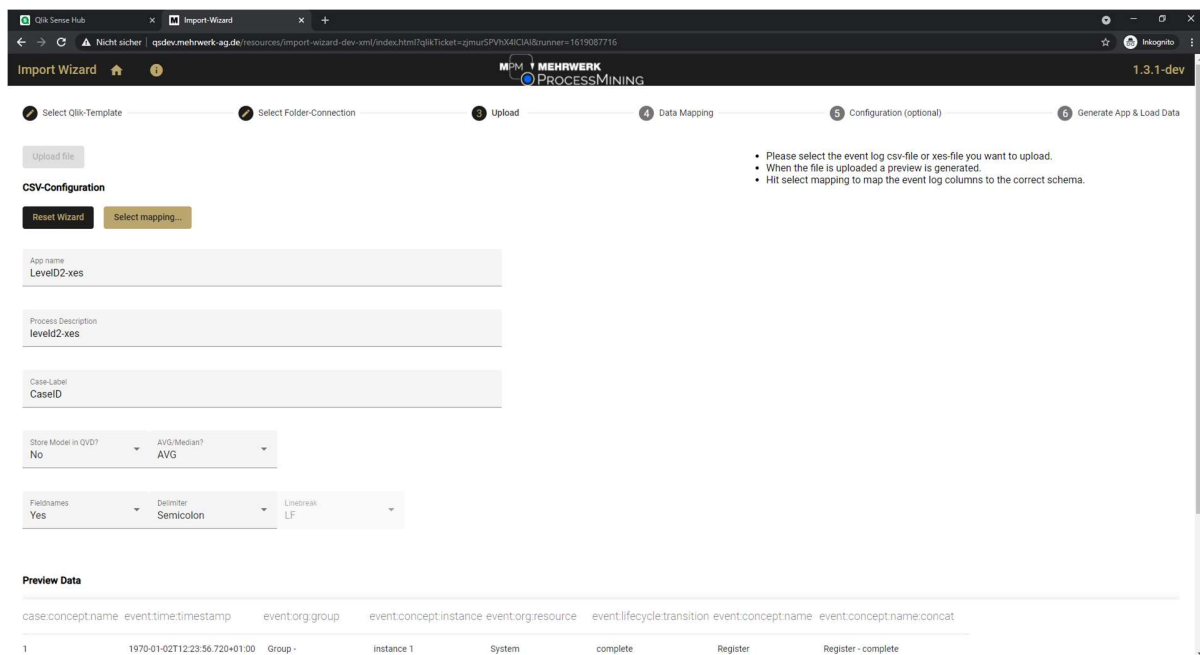
- Please select a connection where your event log should be stored.
- Click Upload file to upload an event log.

IMPORT

Upload XES-File:



Configure App name, description, Case-Label and see preview of the data:



IMPORT

Set the data mapping:

The screenshot shows the 'Data Mapping' step of the Import Wizard. The interface includes a progress bar at the top with steps: Select Qlik-Template, Select Folder-Connection, Upload, Data Mapping (current), Configuration (optional), and Generate App & Load Data. Below the progress bar, there are buttons for 'Reset Wizard' and 'MPM configuration...'. A code editor displays a Qlik script for loading an event log and mapping fields. Below the code editor, a 'Reset Mapping' button is present. The main area shows a table with columns for event data and their mapped Qlik fields. A yellow tooltip points to the 'event.conceptname' column.

```
EventLog:
LOAD
"Case:conceptname" AS "CaseID",
"event:conceptname:concat" AS "ActivityType",
Timestamp("event:time:timestamp") AS "ActivityStartTimestamp",
Timestamp("event:time:timestamp") AS "ActivityEndTimestamp",
"event:org:group",
"event:concept:instance",
"event:org:resource",
"event:lifecycle:transition",
"event:conceptname"
FROM [lib://fback (qdev_fback)/fback/Level02-xas_161908896717.qvd]
(qvd)
WHERE len("event:conceptname:concat") > 1;
```

case:conceptname	event:time:timestamp	event:org:group	event:conceptinstance	event:org:resource	event:lifecycle:transition	event:conceptname	event:conceptname:concat
CaseID	ActivityStartAndEnd...						ActivityType
1	1970-01-02T12:23:56.720+01:00	Group -	Instance 1	System	complete	Register	Register - complete
1	1970-01-02T12:26:45.969+01:00	Groups 2 and 4	Instance 1	Tester3	start	Analyze Defect	Analyze Defect - start
1	1970-01-02T12:36:13.475+01:00	Groups 2 and 4	Instance 1	Tester3	complete	Analyze Defect	Analyze Defect - complete
1	1970-01-02T12:39:01.801+01:00	Groups 1, 3, and 5	Instance 1	SolverC1	start	Repair (Complex)	Repair (Complex) - start
1	1970-01-02T12:58:45.152+01:00	Groups 1, 3, and 5	Instance 1	SolverC1	complete	Repair (Complex)	Repair (Complex) - complete

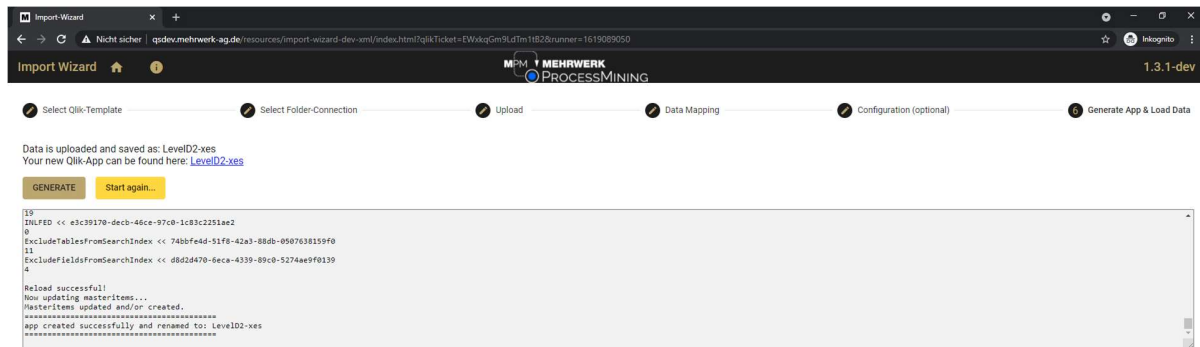
Confirm optional configuration for shift calendar, grouping, custom lead time, process finished, conformance checking or root cause analysis:

The screenshot shows the 'Configuration (optional)' step of the Import Wizard. The progress bar at the top indicates the current step. Below the progress bar, a message states: 'You have now completed the mapping. Please configure here additional properties for your personalized app. Confirm your configuration to get your new app and load your data...'. A 'Confirm configuration' button is present. Below this, a table lists optional configurations: Shift Calendar, Grouping, Custom Lead Time, Process finish, Conformance Checking, and Root Cause Analysis. At the bottom, there are buttons for 'Apply Selection', 'Add Shift...', and 'Reset all', along with checkboxes for 'calculate process step duration?' and 'eliminateHolidays?'.

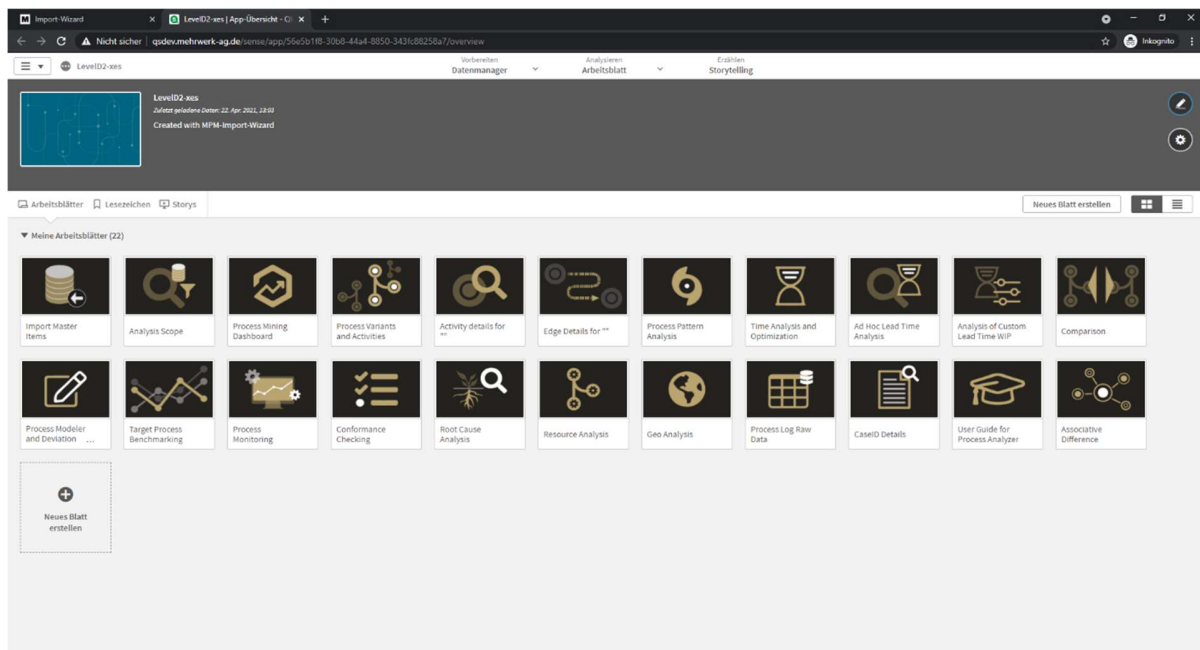
Shift Calendar	Grouping	Custom Lead Time	Process finish	Conformance Checking	Root Cause Analysis
<input type="checkbox"/> calculate process step duration?	<input type="checkbox"/> eliminateHolidays?				

IMPORT

Generate App:



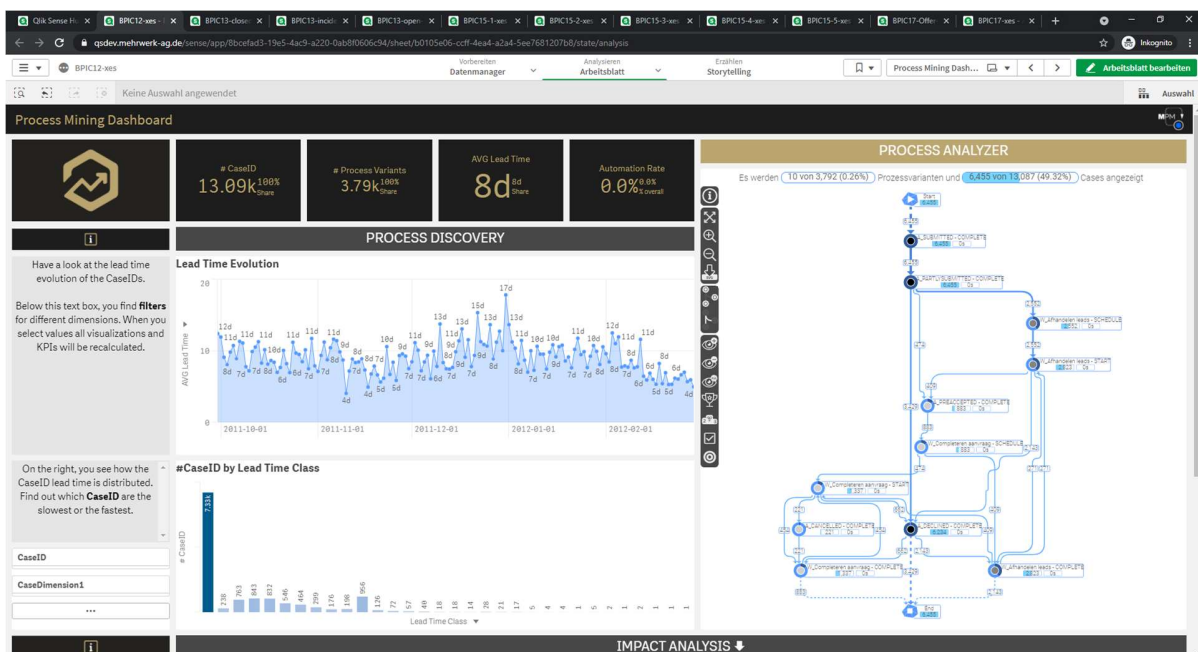
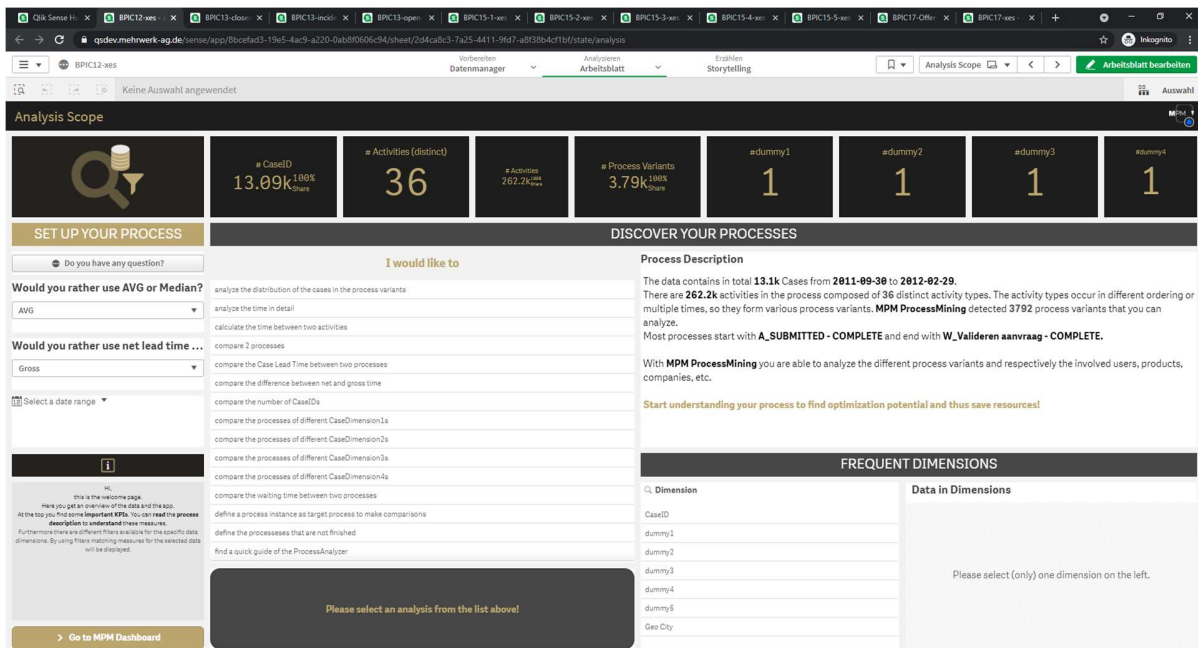
Show new Qlik-App with loaded XES-Data



IMPORT

BPIC12

Process Mining Dashboard result:



IMPORT

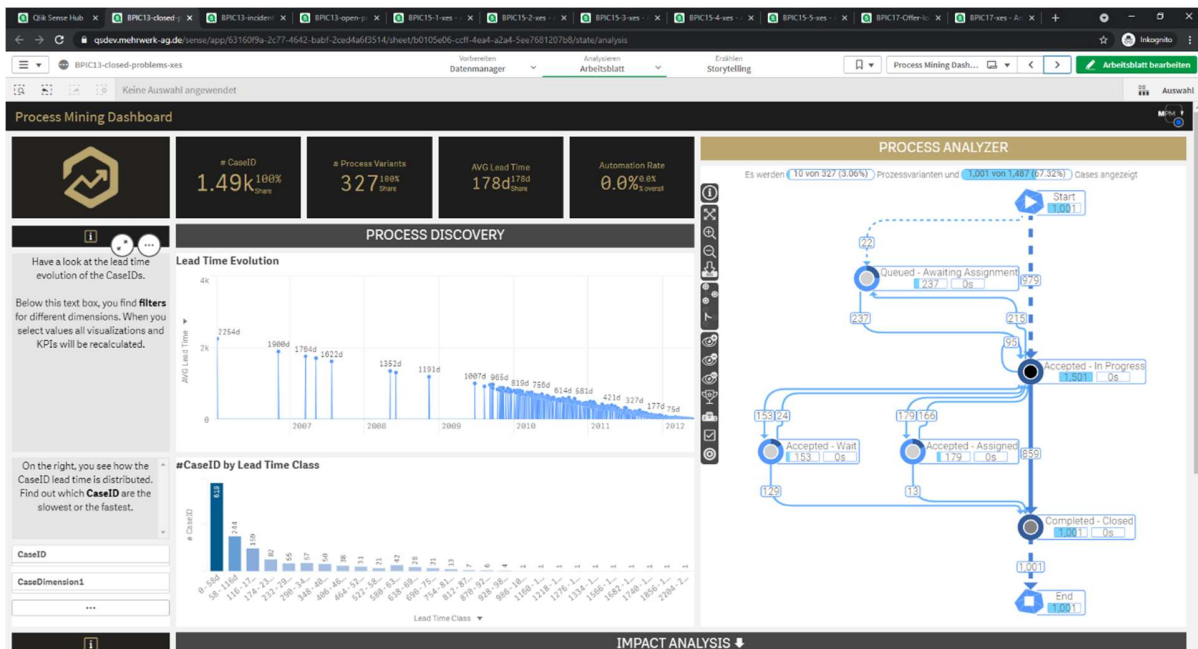
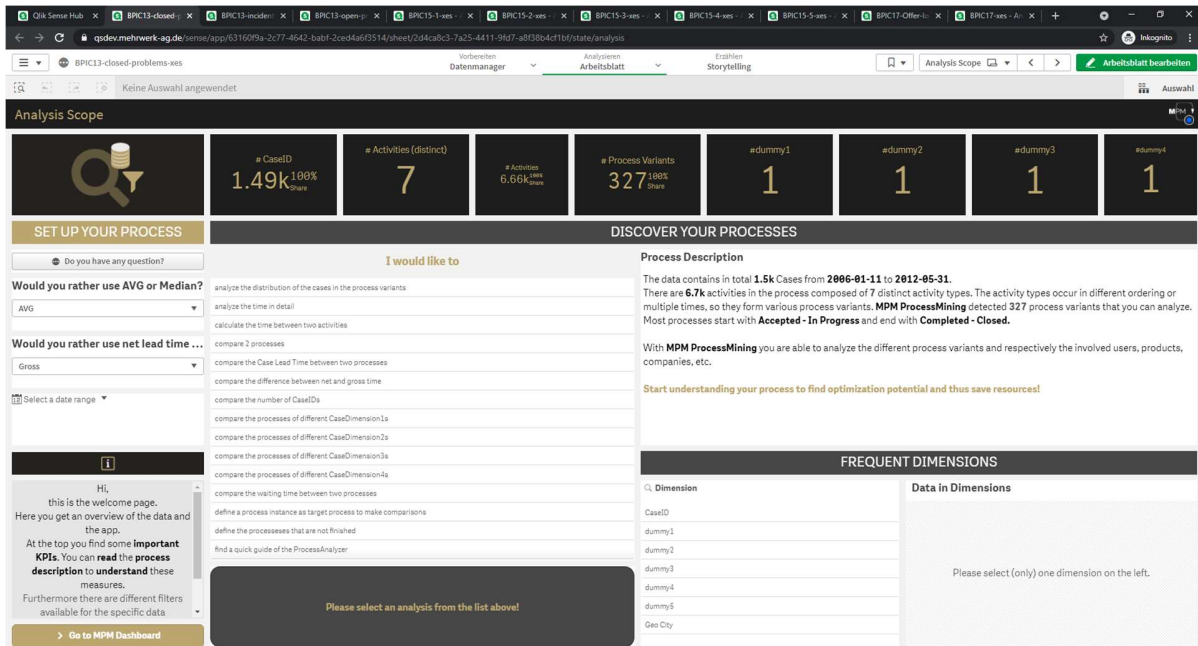
Process Log Raw Data result:

Mein neues Arbeitsblatt										
XES_Data										
CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	case:REG_DATE	case:AMOUN...	event:org/resour...	event:lifecycle:transition	event:concept:name	
173688	Start	0	2011-09-30 22:38:44	2011-09-30 22:38:44	-	-	-	-	-	
173688	A_SUBMITTED - COMPLETE	144	2011-09-30 22:38:44	2011-09-30 22:38:44	2011-10-01T00:38:44.546+02:00	20000	112	COMPLETE	A_SUBMITTED	
173688	A_PARTLYSUBMITTED - COMPLETE	142	2011-09-30 22:38:44	2011-09-30 22:38:44	2011-10-01T00:38:44.546+02:00	20000	112	COMPLETE	A_PARTLYSUBMITTED	
173688	A_PREAMCEPTED - COMPLETE	143	2011-09-30 22:39:37	2011-09-30 22:39:37	2011-10-01T00:38:44.546+02:00	20000	112	COMPLETE	A_PREAMCEPTED	
173688	W_Completieren ansvraag - SCHEDULE	155	2011-09-30 22:39:38	2011-09-30 22:39:38	2011-10-01T00:38:44.546+02:00	20000	112	SCHEDULE	W_Completieren ansvraag	
173688	W_Completieren ansvraag - START	156	2011-10-01 00:36:46	2011-10-01 00:36:46	2011-10-01T00:38:44.546+02:00	20000		START	W_Completieren ansvraag	
173688	A_ACCEPTED - COMPLETE	138	2011-10-01 00:42:43	2011-10-01 00:42:43	2011-10-01T00:38:44.546+02:00	20000	10862	COMPLETE	A_ACCEPTED	
173688	A_FINALIZED - COMPLETE	141	2011-10-01 00:45:09	2011-10-01 00:45:09	2011-10-01T00:38:44.546+02:00	20000	10862	COMPLETE	A_FINALIZED	
173688	O_SELECTED - COMPLETE	148	2011-10-01 00:45:09	2011-10-01 00:45:09	2011-10-01T00:38:44.546+02:00	20000	10862	COMPLETE	O_SELECTED	
173688	O_CREATED - COMPLETE	146	2011-10-01 00:45:11	2011-10-01 00:45:11	2011-10-01T00:38:44.546+02:00	20000	10862	COMPLETE	O_CREATED	
173688	O_SENT - COMPLETE	149	2011-10-01 00:45:11	2011-10-01 00:45:11	2011-10-01T00:38:44.546+02:00	20000	10862	COMPLETE	O_SENT	
173688	W_Nabellen offeres - SCHEDULE	159	2011-10-01 00:45:11	2011-10-01 00:45:11	2011-10-01T00:38:44.546+02:00	20000		SCHEDULE	W_Nabellen offeres	
173688	W_Completieren ansvraag - COMPLETE	107	2011-10-01 00:45:13	2011-10-01 00:45:13	2011-10-01T00:38:44.546+02:00	20000		COMPLETE	W_Completieren ansvraag	
173688	W_Nabellen offeres - START	110	2011-10-01 10:15:41	2011-10-01 10:15:41	2011-10-01T00:38:44.546+02:00	20000		START	W_Nabellen offeres	
173688	W_Nabellen offeres - COMPLETE	109	2011-10-01 10:17:08	2011-10-01 10:17:08	2011-10-01T00:38:44.546+02:00	20000		COMPLETE	W_Nabellen offeres	
173688	W_Nabellen offeres - START	110	2011-10-08 14:26:57	2011-10-08 14:26:57	2011-10-01T00:38:44.546+02:00	20000	10913	START	W_Nabellen offeres	
173688	W_Nabellen offeres - COMPLETE	109	2011-10-08 14:32:00	2011-10-08 14:32:00	2011-10-01T00:38:44.546+02:00	20000	10913	COMPLETE	W_Nabellen offeres	
173688	W_Nabellen offeres - START	110	2011-10-10 09:32:22	2011-10-10 09:32:22	2011-10-01T00:38:44.546+02:00	20000	11049	START	W_Nabellen offeres	
173688	O_SENT_BACK - COMPLETE	150	2011-10-10 09:33:03	2011-10-10 09:33:03	2011-10-01T00:38:44.546+02:00	20000	11049	COMPLETE	O_SENT_BACK	
173688	W_Valideren ansvraag - SCHEDULE	160	2011-10-10 09:33:04	2011-10-10 09:33:04	2011-10-01T00:38:44.546+02:00	20000	11049	SCHEDULE	W_Valideren ansvraag	
173688	W_Nabellen offeres - COMPLETE	109	2011-10-10 09:33:05	2011-10-10 09:33:05	2011-10-01T00:38:44.546+02:00	20000	11049	COMPLETE	W_Nabellen offeres	
173688	W_Valideren ansvraag - START	112	2011-10-13 06:05:56	2011-10-13 06:05:56	2011-10-01T00:38:44.546+02:00	20000	10629	START	W_Valideren ansvraag	
173688	A_REGISTERED - COMPLETE	103	2011-10-13 08:37:29	2011-10-13 08:37:29	2011-10-01T00:38:44.546+02:00	20000	10629	COMPLETE	A_REGISTERED	
173688	A_ACTIVATED - COMPLETE	139	2011-10-13 08:37:29	2011-10-13 08:37:29	2011-10-01T00:38:44.546+02:00	20000	10629	COMPLETE	A_ACTIVATED	
173688	A_APPROVED - COMPLETE	140	2011-10-13 08:37:29	2011-10-13 08:37:29	2011-10-01T00:38:44.546+02:00	20000	10629	COMPLETE	A_APPROVED	
173688	O_ACCEPTED - COMPLETE	145	2011-10-13 08:37:29	2011-10-13 08:37:29	2011-10-01T00:38:44.546+02:00	20000	10629	COMPLETE	O_ACCEPTED	
173688	W_Valideren ansvraag - COMPLETE	111	2011-10-13 08:37:37	2011-10-13 08:37:37	2011-10-01T00:38:44.546+02:00	20000	10629	COMPLETE	W_Valideren ansvraag	
173688	End	999999999	2011-10-13 08:37:37	2011-10-13 08:37:37	-	-	-	-	-	
173691	Start	0	2011-10-01 06:08:58	2011-10-01 06:08:58	-	-	-	-	-	
173691	A_SUBMITTED - COMPLETE	144	2011-10-01 06:08:58	2011-10-01 06:08:58	2011-10-01T00:00:58.256+02:00	5000	112	COMPLETE	A_SUBMITTED	
173691	A_PARTLYSUBMITTED - COMPLETE	142	2011-10-01 06:09:02	2011-10-01 06:09:02	2011-10-01T00:00:58.256+02:00	5000	112	COMPLETE	A_PARTLYSUBMITTED	
173691	A_PREAMCEPTED - COMPLETE	143	2011-10-01 06:09:56	2011-10-01 06:09:56	2011-10-01T00:00:58.256+02:00	5000	112	COMPLETE	A_PREAMCEPTED	
173691	W_Completieren ansvraag - SCHEDULE	155	2011-10-01 06:09:59	2011-10-01 06:09:59	2011-10-01T00:00:58.256+02:00	5000	112	SCHEDULE	W_Completieren ansvraag	

IMPORT

BPIC13_closed_problems

Process Mining Dashboard result:



IMPORT

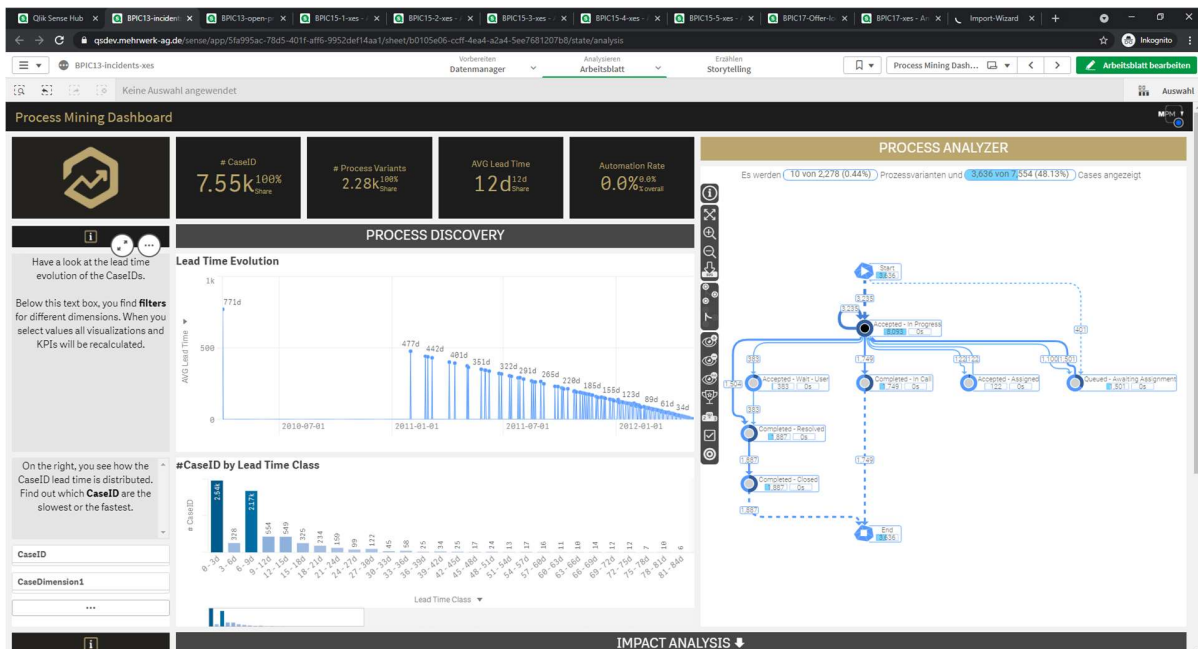
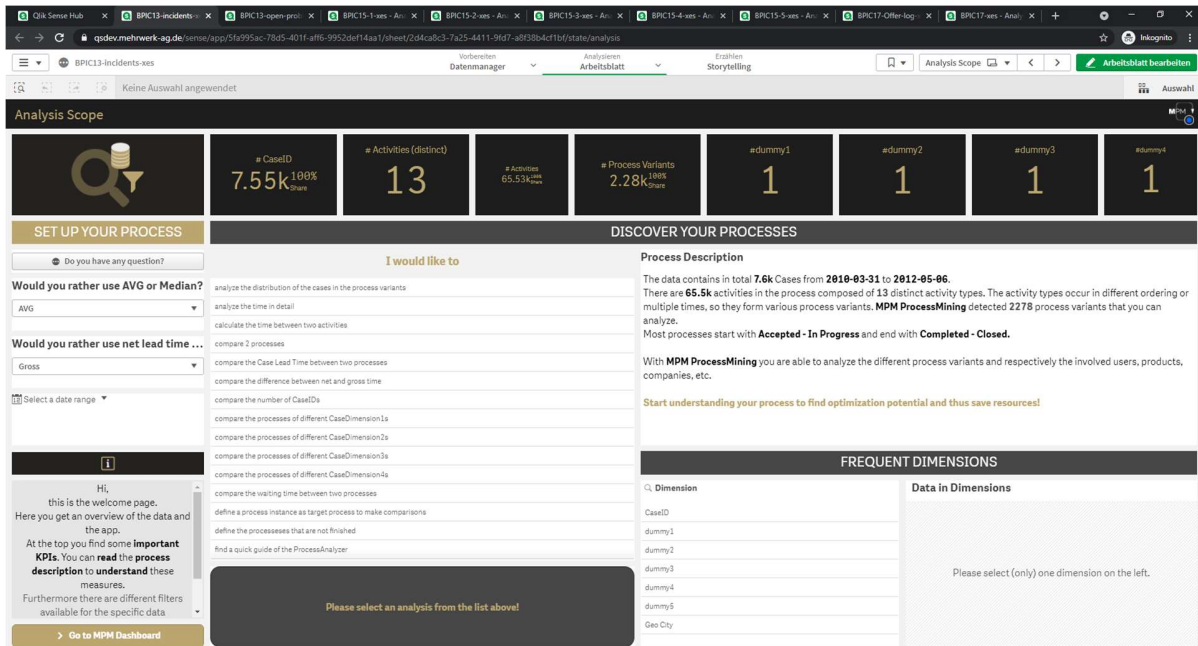
Process Log Raw Data result:

Mein neues Arbeitsblatt																
XES_Data																
CaseID	ActivityType	Activit...	ActivityStartTime...	ActivityEndTime...	event.or...	event.resou...	event.o...	event.org.resou...	event.org...	event...	event...	event...	event...	event...	event...	eventlifecycletra...
1-169135791	Start	0	2006-01-11 14:49:42	2006-01-11 14:49:42	-	-	-	-	-	-	-	-	-	-	-	-
1-169135791	Queued - Awaiting Assignment	186	2006-01-11 14:49:42	2006-01-11 14:49:42	Org line A2	INDIA	se	Minnie	J11 2nd	A2_2	Queued	High	-	-	PROD191	Awaiting Assignment
1-169135791	Accepted - In Progress	102	2012-03-15 10:53:52	2012-03-15 10:53:52	Org line A2	INDIA	se	Minnie	J11 2nd	A2_2	Accepted	High	-	-	PROD191	In Progress
1-169135791	Accepted - Assigned	101	2012-03-15 10:50:17	2012-03-15 10:50:17	Org line A2	INDIA	se	Minnie	J11 2nd	A2_2	Accepted	High	-	-	PROD191	Assigned
1-169135791	Accepted - In Progress	102	2012-03-15 11:00:05	2012-03-15 11:00:05	Org line A2	INDIA	se	Minnie	J11 2nd	A2_2	Accepted	High	-	-	PROD191	In Progress
1-169135791	Completed - Closed	105	2012-03-15 11:11:33	2012-03-15 11:11:33	Org line A2	INDIA	se	Minnie	J11 2nd	A2_2	Completed	High	-	-	PROD191	Closed
1-169135791	End	99999999	2012-03-15 11:11:33	2012-03-15 11:11:33	-	-	-	-	-	-	-	-	-	-	-	-
1-147898401	Start	0	2006-11-07 09:00:36	2006-11-07 09:00:36	-	-	-	-	-	-	-	-	-	-	-	-
1-147898401	Accepted - In Progress	102	2006-11-07 09:00:36	2006-11-07 09:00:36	Org line A2	Sweden	cn	Tomas	M1 2nd	A2_2	Accepted	Medium	-	-	PROD753	In Progress
1-147898401	Accepted - In Progress	102	2006-11-07 12:05:44	2006-11-07 12:05:44	Org line A2	Sweden	cn	Tomas	M1 2nd	A2_2	Accepted	Medium	-	-	PROD753	In Progress
1-147898401	Accepted - Wait	103	2009-12-02 13:24:32	2009-12-02 13:24:32	Org line A2	Sweden	cn	Tomas	M1 2nd	A2_2	Accepted	Medium	-	-	PROD753	Wait
1-147898401	Accepted - In Progress	102	2011-09-03 05:09:09	2011-09-03 05:09:09	Org line A2	Sweden	cn	Tomas	M1 2nd	A2_2	Accepted	Medium	-	-	PROD753	In Progress
1-147898401	Accepted - In Progress	102	2012-01-20 09:23:24	2012-01-20 09:23:24	Org line A2	China	cn	Carrie	M1 2nd	A2_2	Accepted	Medium	-	-	PROD753	In Progress
1-147898401	Completed - Closed	105	2012-01-20 09:23:27	2012-01-20 09:23:27	Org line A2	China	cn	Carrie	M1 2nd	A2_2	Completed	Medium	-	-	PROD753	Closed
1-147898401	End	99999999	2012-01-20 09:23:27	2012-01-20 09:23:27	-	-	-	-	-	-	-	-	-	-	-	-
1-165554831	Start	0	2007-03-20 08:06:25	2007-03-20 08:06:25	-	-	-	-	-	-	-	-	-	-	-	-
1-165554831	Accepted - In Progress	102	2007-03-20 08:06:25	2007-03-20 08:06:25	Org line A2	Sweden	cn	Tomas	M1 2nd	A2_2	Accepted	Medium	-	-	PROD753	In Progress
1-165554831	Accepted - Wait	103	2009-12-02 13:24:31	2009-12-02 13:24:31	Org line A2	Sweden	cn	Tomas	M1 2nd	A2_2	Accepted	Medium	-	-	PROD753	Wait
1-165554831	Accepted - In Progress	102	2011-09-03 05:10:53	2011-09-03 05:10:53	Org line A2	Sweden	cn	Tomas	M1 2nd	A2_2	Accepted	Medium	-	-	PROD753	In Progress
1-165554831	Accepted - In Progress	102	2012-01-18 07:52:41	2012-01-18 07:52:41	Org line A2	China	cn	Carrie	M1 2nd	A2_2	Accepted	Medium	-	-	PROD753	In Progress
1-165554831	Completed - Closed	105	2012-01-18 07:52:43	2012-01-18 07:52:43	Org line A2	China	cn	Carrie	M1 2nd	A2_2	Completed	Medium	-	-	PROD753	Closed
1-165554831	End	99999999	2012-01-18 07:52:43	2012-01-18 07:52:43	-	-	-	-	-	-	-	-	-	-	-	-
1-172473423	Start	0	2007-05-10 14:21:54	2007-05-10 14:21:54	-	-	-	-	-	-	-	-	-	-	-	-
1-172473423	Accepted - In Progress	102	2007-05-10 14:21:54	2007-05-10 14:21:54	Org line A2	Sweden	cn	Tomas	M1 2nd	A2_2	Accepted	Low	-	-	PROD753	In Progress
1-172473423	Accepted - Wait	103	2009-12-02 13:24:33	2009-12-02 13:24:33	Org line A2	Sweden	cn	Tomas	M1 2nd	A2_2	Accepted	Low	-	-	PROD753	Wait
1-172473423	Accepted - In Progress	102	2011-09-03 05:10:59	2011-09-03 05:10:59	Org line A2	Sweden	cn	Tomas	M1 2nd	A2_2	Accepted	Low	-	-	PROD753	In Progress
1-172473423	Accepted - In Progress	102	2012-01-18 07:20:53	2012-01-18 07:20:53	Org line A2	China	cn	Carrie	M1 2nd	A2_2	Accepted	Low	-	-	PROD753	In Progress
1-172473423	Completed - Closed	105	2012-01-18 07:21:10	2012-01-18 07:21:10	Org line A2	China	cn	Carrie	M1 2nd	A2_2	Completed	Low	-	-	PROD753	Closed
1-172473423	End	99999999	2012-01-18 07:21:10	2012-01-18 07:21:10	-	-	-	-	-	-	-	-	-	-	-	-
1-182640781	Start	0	2007-07-25 12:21:05	2007-07-25 12:21:05	-	-	-	-	-	-	-	-	-	-	-	-
1-182640781	Accepted - In Progress	102	2007-07-25 12:21:05	2007-07-25 12:21:05	Org line A2	Sweden	se	Niklas	G107 2nd	A2_2	Accepted	Medium	-	-	PROD681	In Progress
1-182640781	Accepted - Wait	103	2009-12-02 13:24:32	2009-12-02 13:24:32	Org line A2	Sweden	se	Niklas	G107 2nd	A2_2	Accepted	Medium	-	-	PROD681	Wait

IMPORT

BPIC13_incidents

Process Mining Dashboard result:



IMPORT

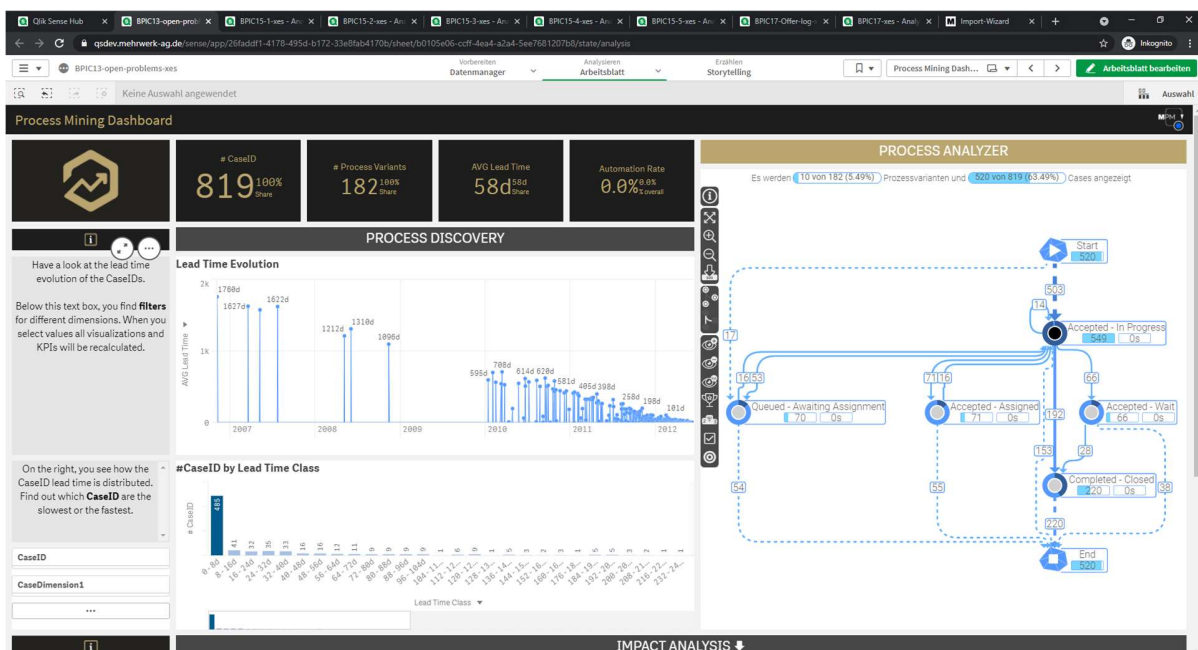
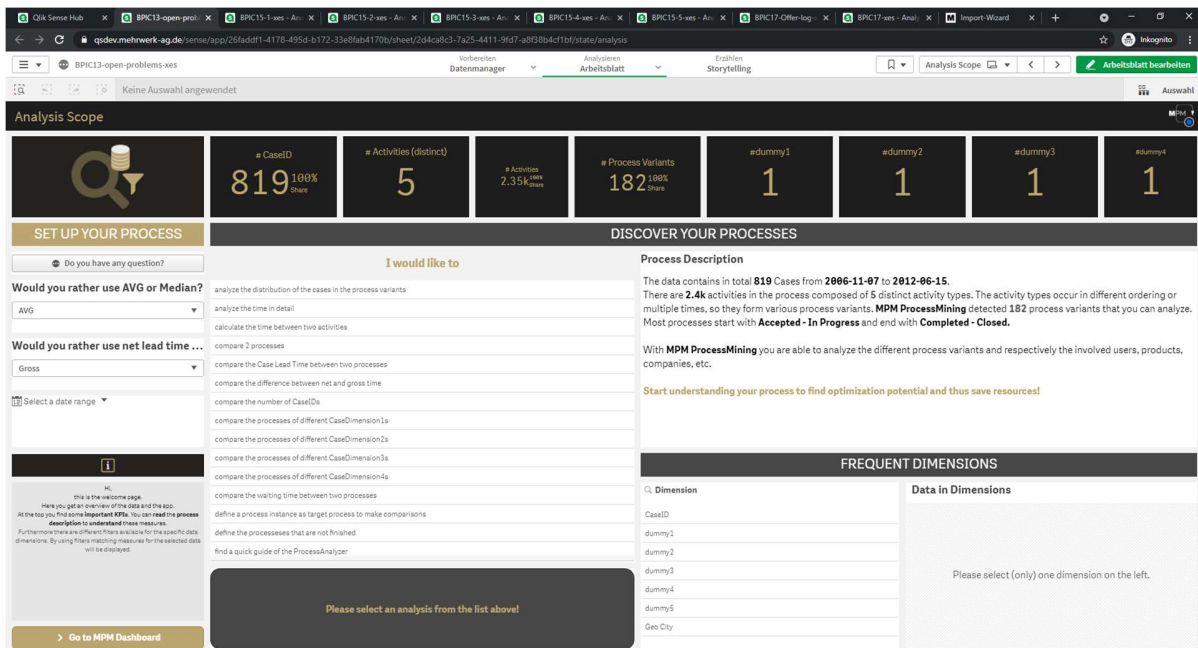
Process Log Raw Data result:

Mein neues Arbeitsblatt														
XES_Data														
CaseID	ActivityType	Activit...	ActivityStartTime...	ActivityEndTimes...	eventCo...	event_resource	event...	event...	event...	event...	event...	event...	event...	event...
1-364285768	Start	0	2010-03-31 14:59:42	2010-03-31 14:59:42	-	-	-	-	-	-	-	-	-	-
1-364285768	Accepted - In Progress	102	2010-03-31 14:59:42	2010-03-31 14:59:42	V30	France	fr	Frederic	Org line A2	A2_4	Accepted	Medium	PROD582	In Progress
1-364285768	Accepted - In Progress	102	2010-03-31 15:00:56	2010-03-31 15:00:56	V30	France	fr	Frederic	Org line A2	A2_4	Accepted	Medium	PROD582	In Progress
1-364285768	Queued - Awaiting Assignment	112	2010-04-06 14:44:07	2010-04-06 14:44:07	V5 3rd	France	fr	Anne Claire	Org line A2	A2_5	Queued	Medium	PROD582	Awaiting Assignment
1-364285768	Accepted - In Progress	102	2010-04-06 14:44:07	2010-04-06 14:44:07	V5 3rd	France	fr	Anne Claire	Org line A2	A2_5	Accepted	Medium	PROD582	In Progress
1-364285768	Queued - Awaiting Assignment	112	2010-04-06 14:44:38	2010-04-06 14:44:38	V30	France	fr	Anne Claire	Org line A2	A2_4	Queued	Medium	PROD582	Awaiting Assignment
1-364285768	Accepted - In Progress	102	2010-04-06 14:44:47	2010-04-06 14:44:47	V13 2nd 3rd	France	fr	Anne Claire	Org line A2	A2_5	Accepted	Medium	PROD582	In Progress
1-364285768	Completed - Resolved	111	2010-04-06 14:44:51	2010-04-06 14:44:51	V13 2nd 3rd	France	fr	Anne Claire	Org line A2	A2_5	Completed	Medium	PROD582	Resolved
1-364285768	Queued - Awaiting Assignment	112	2010-04-06 14:45:07	2010-04-06 14:45:07	V30	France	fr	Anne Claire	Org line A2	A2_4	Queued	Medium	PROD582	Awaiting Assignment
1-364285768	Accepted - In Progress	102	2010-04-08 10:52:23	2010-04-08 10:52:23	V30	France	fr	Eric	Org line A2	A2_4	Accepted	Medium	PROD582	In Progress
1-364285768	Queued - Awaiting Assignment	112	2010-04-08 10:53:35	2010-04-08 10:53:35	V5 3rd	France	fr	Eric	Org line A2	A2_5	Queued	Medium	PROD582	Awaiting Assignment
1-364285768	Accepted - In Progress	102	2010-04-20 09:07:11	2010-04-20 09:07:11	V5 3rd	France	fr	Anne Claire	Org line A2	A2_5	Accepted	Medium	PROD582	In Progress
1-364285768	Accepted - Assigned	101	2010-04-20 09:07:19	2010-04-20 09:07:19	V5 3rd	France	fr	Anne Claire	Org line A2	A2_5	Accepted	Medium	PROD582	Assigned
1-364285768	Accepted - In Progress	102	2012-04-11 15:11:17	2012-04-11 15:11:17	V5 3rd	France	fr	Sarah	Org line A2	A2_5	Accepted	Medium	PROD582	In Progress
1-364285768	Accepted - Assigned	101	2012-04-11 15:11:25	2012-04-11 15:11:25	V5 3rd	France	fr	Sarah	Org line A2	A2_5	Accepted	Medium	PROD582	Assigned
1-364285768	Accepted - In Progress	102	2012-05-03 09:10:10	2012-05-03 09:10:10	V5 3rd	France	fr	Loic	Org line A2	A2_5	Accepted	Medium	PROD582	In Progress
1-364285768	Completed - Resolved	111	2012-05-03 09:10:12	2012-05-03 09:10:12	V5 3rd	France	fr	Loic	Org line A2	A2_5	Completed	Medium	PROD582	Resolved
1-364285768	Completed - Closed	109	2012-05-10 23:26:15	2012-05-10 23:26:15	V5 3rd	0	fr	Siebel	Org line A2	A2_5	Completed	Medium	PROD582	Closed
1-364285768	End	999999999	2012-05-10 23:26:15	2012-05-10 23:26:15	-	-	-	-	-	-	-	-	-	-
1-467153946	Start	0	2011-01-31 10:12:22	2011-01-31 10:12:22	-	-	-	-	-	-	-	-	-	-
1-467153946	Accepted - In Progress	102	2011-01-31 10:12:22	2011-01-31 10:12:22	S42	Sweden	se	Adam	Org line C	V3_2	Accepted	Medium	PROD453	In Progress
1-467153946	Accepted - In Progress	102	2011-01-31 10:18:44	2011-01-31 10:18:44	S42	Sweden	se	Adam	Org line C	V3_2	Accepted	Medium	PROD453	In Progress
1-467153946	Queued - Awaiting Assignment	112	2011-01-31 10:19:05	2011-01-31 10:19:05	N52 2nd	Sweden	se	Adam	Org line C	V3_3	Queued	Medium	PROD453	Awaiting Assignment
1-467153946	Accepted - In Progress	102	2011-01-31 11:59:48	2011-01-31 11:59:48	N52 2nd	Sweden	se	Denny	Org line C	V3_3	Accepted	Medium	PROD453	In Progress
1-467153946	Accepted - Wait - User	106	2011-01-31 13:37:55	2011-01-31 13:37:55	N52 2nd	Sweden	se	Denny	Org line C	V3_2	Accepted	Medium	PROD453	Wait - User
1-467153946	Queued - Awaiting Assignment	112	2011-02-03 07:28:58	2011-02-03 07:28:58	O3 3rd	Sweden	se	Denny	Org line C	C_6	Queued	Medium	PROD453	Awaiting Assignment
1-467153946	Accepted - In Progress	102	2011-02-07 11:37:33	2011-02-07 11:37:33	O3 3rd	Sweden	se	Paul	Org line C	C_6	Accepted	Medium	PROD453	In Progress
1-467153946	Accepted - Wait - Implementation	105	2011-02-07 11:38:25	2011-02-07 11:38:25	O3 3rd	Sweden	se	Paul	Org line C	C_6	Accepted	Medium	PROD453	Wait - Implementation
1-467153946	Accepted - In Progress	102	2011-03-09 10:08:06	2011-03-09 10:08:06	G140 2nd	Sweden	se	Ase	Org line C	E_10	Accepted	Medium	PROD453	In Progress
1-467153946	Accepted - Wait - Implementation	105	2011-03-09 10:27:05	2011-03-09 10:27:05	G140 2nd	Sweden	se	Ase	Org line C	E_10	Accepted	Medium	PROD453	Wait - Implementation
1-467153946	Accepted - In Progress	102	2011-03-10 10:53:10	2011-03-10 10:53:10	G140 2nd	Sweden	se	Joseph	Org line C	E_10	Accepted	Medium	PROD453	In Progress
1-467153946	Accepted - Assigned	101	2011-03-10 10:53:22	2011-03-10 10:53:22	G140 2nd	Sweden	se	Joseph	Org line C	E_10	Accepted	Medium	PROD453	Assigned

IMPORT

BPIC13_open_problems

Process Mining Dashboard result:



IMPORT

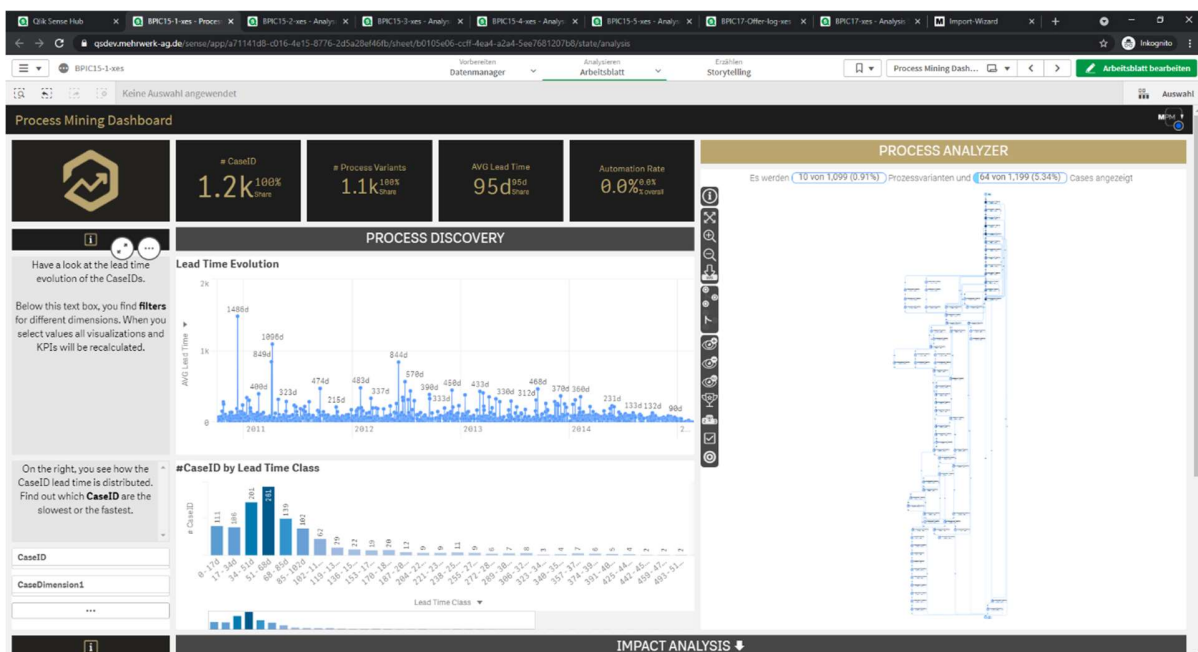
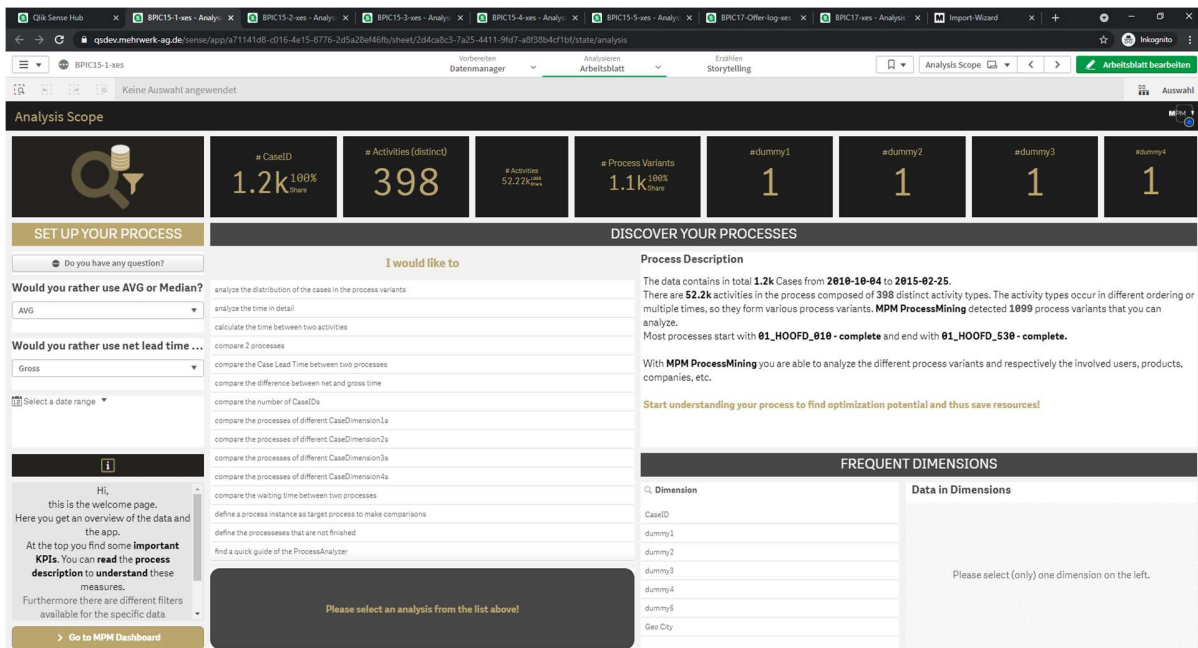
Process Log Raw Data result:

Mein neues Arbeitsblatt														
XES_Data														
CaseId	ActivityType	ActivityT...	ActivityStartTimest...	ActivityEndTimesta...	event.org...	event.resource	event.org.re...	event.organ...	event.or...	event.co...	eventCl...	event.pr...	eventlifecycle.transl...	
1-147898401	Start	0	2006-11-07 09:00:36	2006-11-07 09:00:36	-	-	-	-	-	-	-	-	-	
1-147898401	Accepted - In Progress	102	2006-11-07 09:00:36	2006-11-07 09:00:36	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Medium	PROD753	In Progress	
1-147898401	Accepted - In Progress	102	2006-11-07 12:05:44	2006-11-07 12:05:44	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Medium	PROD753	In Progress	
1-165548031	Start	0	2007-03-20 08:06:25	2007-03-20 08:06:25	-	-	-	-	-	-	-	-	-	
1-165548031	Accepted - In Progress	102	2007-03-20 08:06:25	2007-03-20 08:06:25	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Medium	PROD753	In Progress	
1-172473423	Start	0	2007-05-10 14:21:54	2007-05-10 14:21:54	-	-	-	-	-	-	-	-	-	
1-172473423	Accepted - In Progress	102	2007-05-10 14:21:54	2007-05-10 14:21:54	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Low	PROD753	In Progress	
1-182640781	Start	0	2007-07-25 12:21:05	2007-07-25 12:21:05	-	-	-	-	-	-	-	-	-	
1-182640781	Accepted - In Progress	102	2007-07-25 12:21:05	2007-07-25 12:21:05	Org line A2	Sweden	Niklas	se	A2_2	Accepted	Medium	PROD681	In Progress	
1-230541365	Start	0	2008-05-07 16:58:51	2008-05-07 16:58:51	-	-	-	-	-	-	-	-	-	
1-230541365	Accepted - In Progress	102	2008-05-07 16:58:51	2008-05-07 16:58:51	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	High	PROD753	In Progress	
1-230617141	Start	0	2008-06-04 10:02:18	2008-06-04 10:02:18	-	-	-	-	-	-	-	-	-	
1-230617141	Accepted - In Progress	102	2008-06-04 10:02:18	2008-06-04 10:02:18	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Medium	PROD681	In Progress	
1-230541365	Accepted - In Progress	102	2008-10-06 14:44:37	2008-10-06 14:44:37	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	High	PROD753	In Progress	
1-270427461	Start	0	2008-11-13 10:01:04	2008-11-13 10:01:04	-	-	-	-	-	-	-	-	-	
1-270427461	Accepted - In Progress	102	2008-11-13 10:01:04	2008-11-13 10:01:04	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Low	PROD753	In Progress	
1-165548031	Accepted - Wait	103	2009-12-02 13:24:31	2009-12-02 13:24:31	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Medium	PROD753	Wait	
1-147898401	Accepted - Wait	103	2009-12-02 13:24:32	2009-12-02 13:24:32	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Medium	PROD753	Wait	
1-182640781	Accepted - Wait	103	2009-12-02 13:24:32	2009-12-02 13:24:32	Org line A2	Sweden	Niklas	se	A2_2	Accepted	Medium	PROD681	Wait	
1-172473423	Accepted - Wait	103	2009-12-02 13:24:33	2009-12-02 13:24:33	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Low	PROD753	Wait	
1-230541365	Accepted - Wait	103	2009-12-02 13:24:34	2009-12-02 13:24:34	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	High	PROD753	Wait	
1-230617141	Accepted - Wait	103	2009-12-02 13:24:34	2009-12-02 13:24:34	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Medium	PROD681	Wait	
1-270427461	Accepted - Wait	103	2009-12-02 13:24:35	2009-12-02 13:24:35	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Low	PROD753	Wait	
1-345132462	Start	0	2010-01-14 09:34:54	2010-01-14 09:34:54	-	-	-	-	-	-	-	-	-	
1-345132462	Accepted - In Progress	102	2010-01-14 09:34:54	2010-01-14 09:34:54	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Medium	PROD753	In Progress	
1-345132462	Accepted - Wait	103	2010-01-27 09:43:29	2010-01-27 09:43:29	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Medium	PROD753	Wait	
1-351314317	Start	0	2010-02-03 08:34:32	2010-02-03 08:34:32	-	-	-	-	-	-	-	-	-	
1-351314317	Accepted - In Progress	102	2010-02-03 08:34:32	2010-02-03 08:34:32	Org line A2	POLAND	Ewa	us	A2_2	Accepted	Medium	PROD098	In Progress	
1-351314317	Queued - Awaiting Assignment	105	2010-02-03 08:45:16	2010-02-03 08:45:16	Org line A2	POLAND	Ewa	us	A2_2	Queued	Medium	PROD098	Awaiting Assignment	
1-345132462	Accepted - Assigned	101	2010-02-03 09:20:05	2010-02-03 09:20:05	Org line A2	Sweden	Tomas	cn	A2_2	Accepted	Medium	PROD753	Assigned	
1-351314317	Accepted - In Progress	102	2010-02-03 09:40:51	2010-02-03 09:40:51	Org line A2	POLAND	Ewa	us	A2_2	Accepted	Medium	PROD098	In Progress	
1-351314317	Accepted - Assigned	101	2010-02-03 09:40:58	2010-02-03 09:40:58	Org line A2	POLAND	Ewa	us	A2_2	Accepted	Medium	PROD098	Assigned	

IMPORT

BPIC15_1

Process Mining Dashboard result:



IMPORT

Process Log Raw Data result:

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GSA Sense Hub

BPICIS-1-tes - Menu

BPICIS-2-tes - Analy

BPICIS-3-tes - Analy

BPICIS-4-tes - Analy

BPICIS-5-tes - Analy

BPICIT-Off-log-tes

BPICIT-tes - Analy

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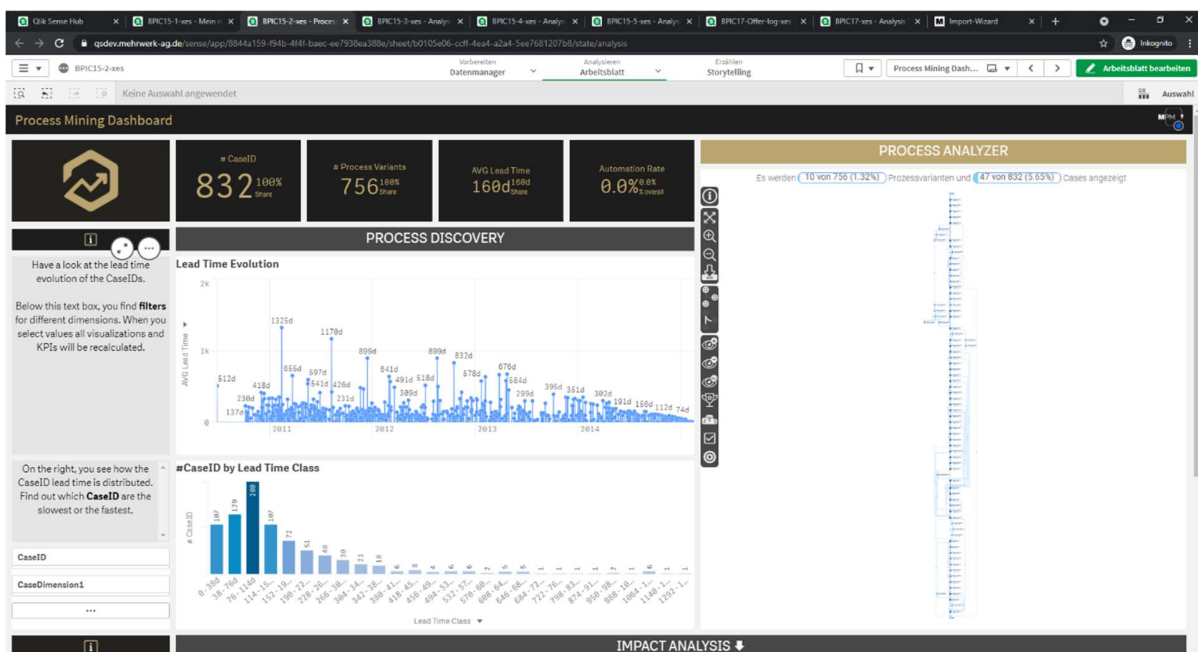
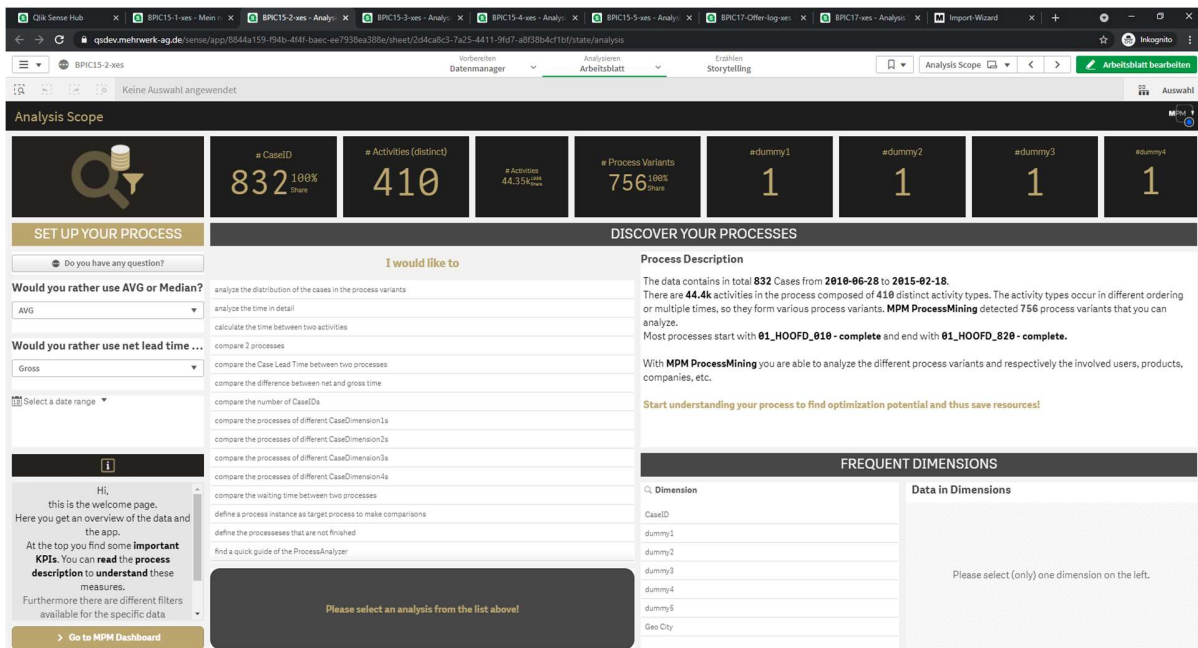
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XES_Data											
CaseRef...	CaseRef...	CaseRef...	CaseRef...	CaseRef...	event.outDate	event.planned	event.action...	event.dateFinished	event.action...	event.activityName...	event...
TRUE	104549.7	2010-10-04T13:04:41+02:00	2010-10-04T13:04:41+02:00	1-6-2011 0:00:00	2011-06-16 12:19:47	01_HOOFD_010	register submission date request	568464	568462	registratie datum binnenkomst aanvraag	01_HOOFD_010
TRUE	104549.7	2011-06-17T12:17:11+02:00	2011-06-17T12:17:11+02:00	EMPTY	2011-06-16 12:19:47	01_HOOFD_015	phase application received	568464	568462	fase aanvraag ontvangen	01_HOOFD_015
TRUE	104549.7	2011-06-21T12:17:14+02:00	2011-06-21T12:17:14+02:00	False	2011-06-16 12:19:47	01_HOOFD_020	reception through OLO	568464	568462	ontvangst via OLO	01_HOOFD_020
TRUE	104549.7	2011-06-21T12:17:14+02:00	2011-06-21T12:17:14+02:00	False	2011-06-16 12:19:47	01_HOOFD_040	forward to the competent authority	568464	568462	doorsturen aan bevoegd gezag	01_HOOFD_040
TRUE	104549.7	2011-06-17T12:17:16+02:00	2011-06-17T12:17:16+02:00	True	2011-06-16 12:19:47	01_HOOFD_050	applicant is stakeholder	568464	568462	aanvrager is belanghebbende	01_HOOFD_050
TRUE	104549.7	2011-06-17T12:17:16+02:00	2011-06-17T12:17:16+02:00	False	2011-06-16 12:19:47	01_HOOFD_055	temporary permit	568464	568462	tijdelijke vergunning	01_HOOFD_055
TRUE	104549.7	2011-06-17T12:17:22+02:00	2011-06-17T12:17:22+02:00	True	2011-06-16 12:19:47	01_HOOFD_060	regular procedure without MER	568464	568462	reguliere procedure zonder MER	01_HOOFD_060
TRUE	2768933	2010-10-10T14:43:08+02:00	2010-10-08T14:43:08+02:00	5-10-2010 0:00:00	2010-10-07 14:57:22	01_HOOFD_010	register submission date request	568894	568872	registratie datum binnenkomst aanvraag	01_HOOFD_010
TRUE	2768933	2010-10-10T14:43:08+02:00	2010-10-08T14:43:08+02:00	EMPTY	2010-10-07 14:57:22	01_HOOFD_015	phase application received	568894	568872	fase aanvraag ontvangen	01_HOOFD_015
TRUE	2771472	2010-12-03T16:21:40+01:00	2010-12-01T16:21:40+01:00	EMPTY	2010-11-30 16:22:53	01_HOOFD_010	register submission date request	568925	6	registratie datum binnenkomst aanvraag	01_HOOFD_010
TRUE	2771472	2010-12-03T16:21:40+01:00	2010-12-01T16:21:40+01:00	EMPTY	2010-12-01 10:54:54	01_HOOFD_190_2	enter senddate procedure confirmation	568925	2670601	invoren verzenddatum procedurebevestiging	01_HOOFD_190_2
TRUE	2771472	2010-12-03T16:21:40+01:00	2010-12-01T16:21:40+01:00	EMPTY	2010-11-30 16:22:53	01_HOOFD_030_2	enter senddate acknowledgement	568925	6	invoren verzenddatum ontvangstbevestiging	01_HOOFD_030_2
TRUE	2771472	2010-12-03T16:21:40+01:00	2010-12-01T16:21:40+01:00	EMPTY	2010-11-30 16:56:34	08_AWB45_020_2	enter senddate retrieve missing data	568925	6	invoren verzenddatum opvragen ontbrekende gegevens	08_AWB45_020_2
TRUE	2771472	2010-12-03T16:21:40+01:00	2010-12-01T16:21:40+01:00	EMPTY	2010-11-30 16:56:55	08_AWB45_040	enter receipt of additional data	568925	6	registreren ontvangst aanvullende gegevens	08_AWB45_040
TRUE	2771472	2010-12-03T16:21:40+01:00	2010-12-01T16:21:40+01:00	EMPTY	2010-11-30 16:51:54	01_HOOFD_065_2	enter senddate procedure confirmation	568925	6	invoren verzenddatum procedurebevestiging	01_HOOFD_065_2
TRUE	2771472	2010-12-03T16:21:40+01:00	2010-12-01T16:21:40+01:00	EMPTY	2010-11-30 16:51:54	01_HOOFD_100	register date of publishing received request	568925	6	registratie datum publicatie ingekomen aanvraag	01_HOOFD_100
TRUE	2771472	2010-12-03T16:21:40+01:00	2010-12-01T16:21:40+01:00	EMPTY	2010-11-30 16:56:54	01_HOOFD_190_2	enter senddate procedure confirmation	568925	6	invoren verzenddatum procedurebevestiging	01_HOOFD_190_2

IMPORT

BPIC15_2

Process Mining Dashboard result:



IMPORT

Process Log Raw Data result:

Qix Search Hub

BPIC15-1-ans - Menu

BPIC15-2-ans - Menu

BPIC15-3-ans - Analy...

BPIC15-4-ans - Analy...

BPIC15-5-ans - Analy...

BPIC17-Other-log-acc...

BPIC17-ans - Analysis...

Import Wizard

Qlik Sense Hub x

BPIC15-1-res - Menu x

BPIC15-2-res - Menu x

BPIC15-3-res - Analyt. x

BPIC15-4-res - Analyt. x

BPIC15-5-res - Analyt. x

BPIC17-Off-log-log x

BPIC17-res - Analyt. x

Import-Wizard x

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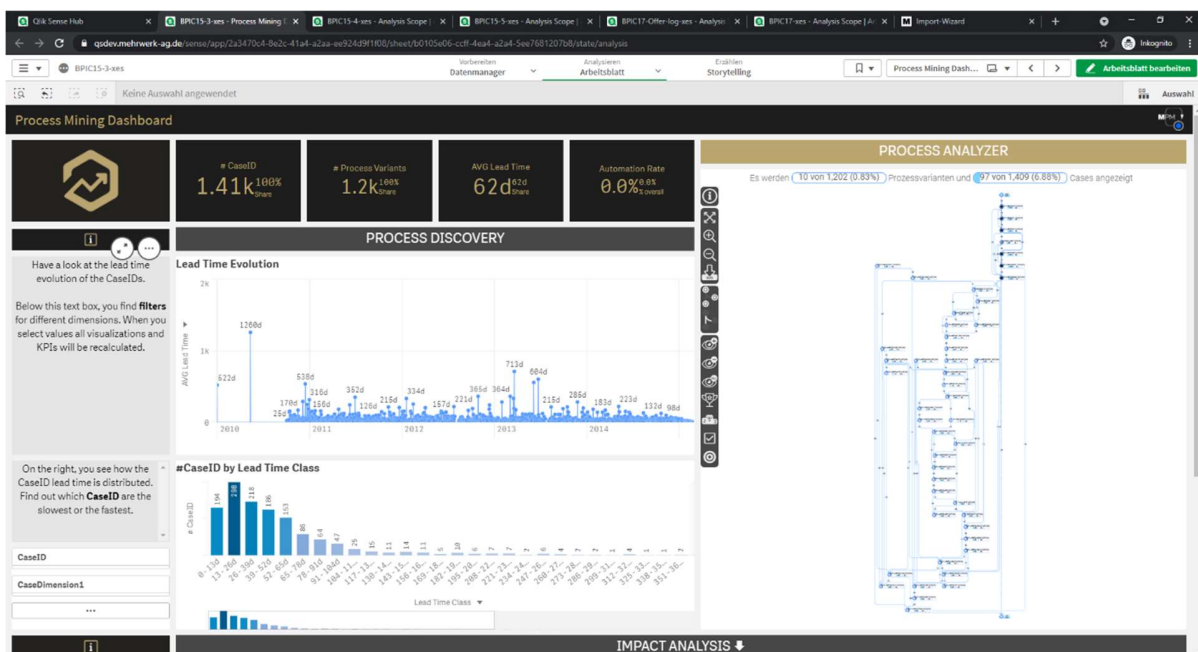
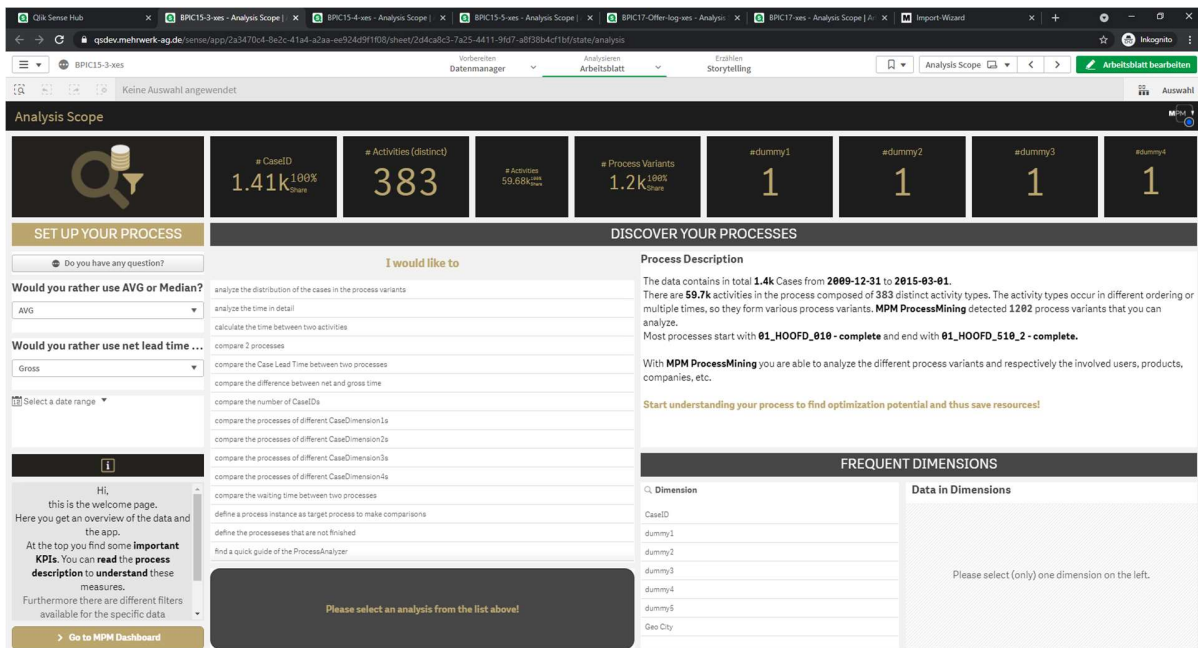
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IMPORT

BPIC15_3

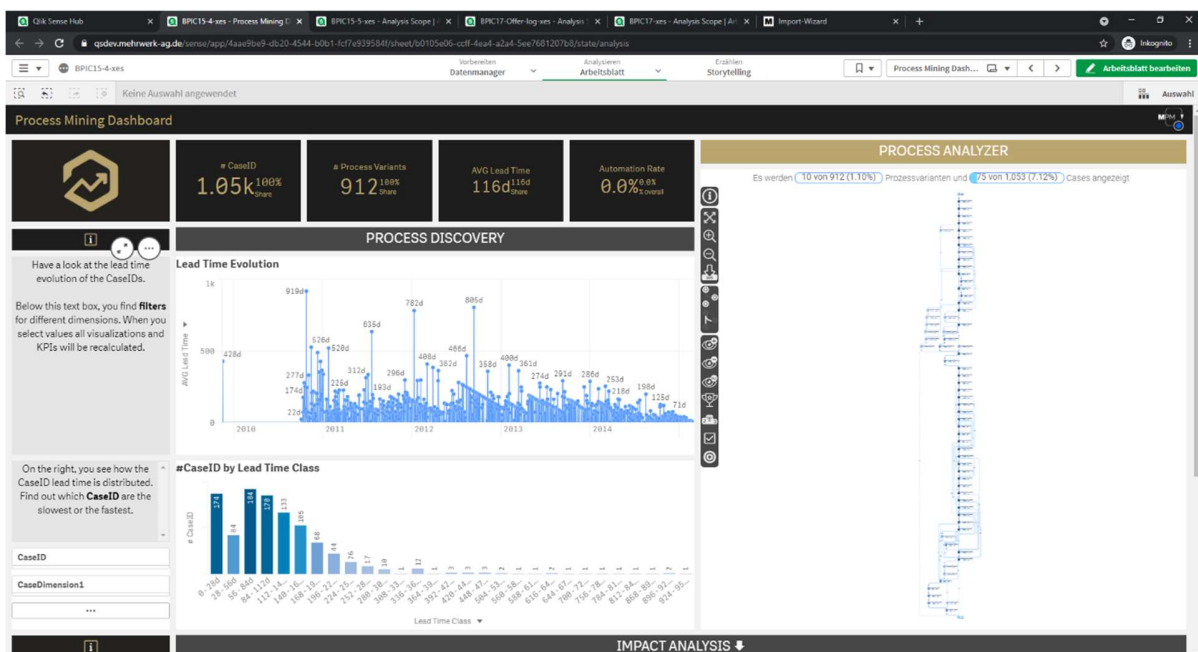
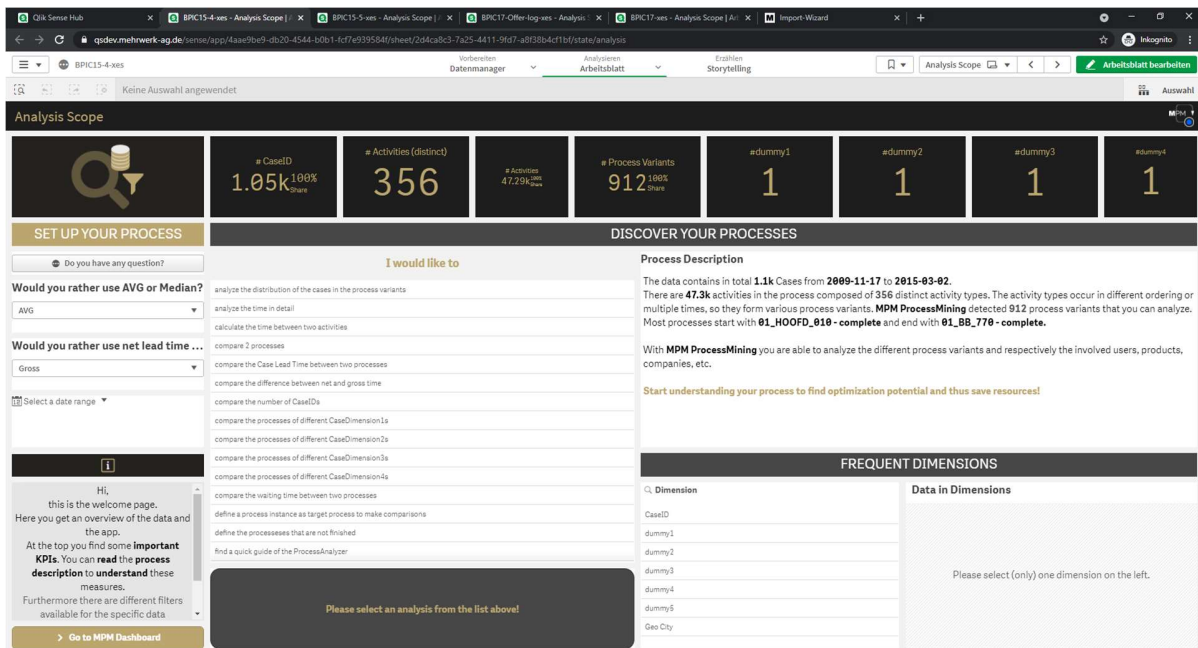
Process Mining Dashboard result:



IMPORT

BPIC15_4

Process Mining Dashboard result:



IMPORT

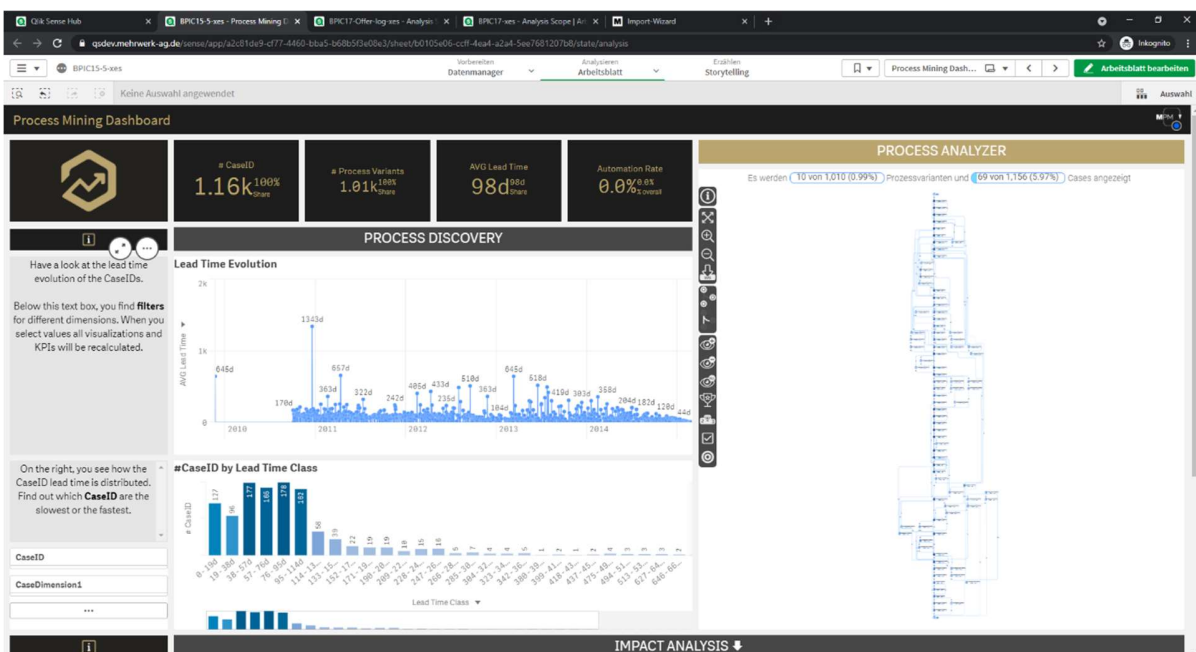
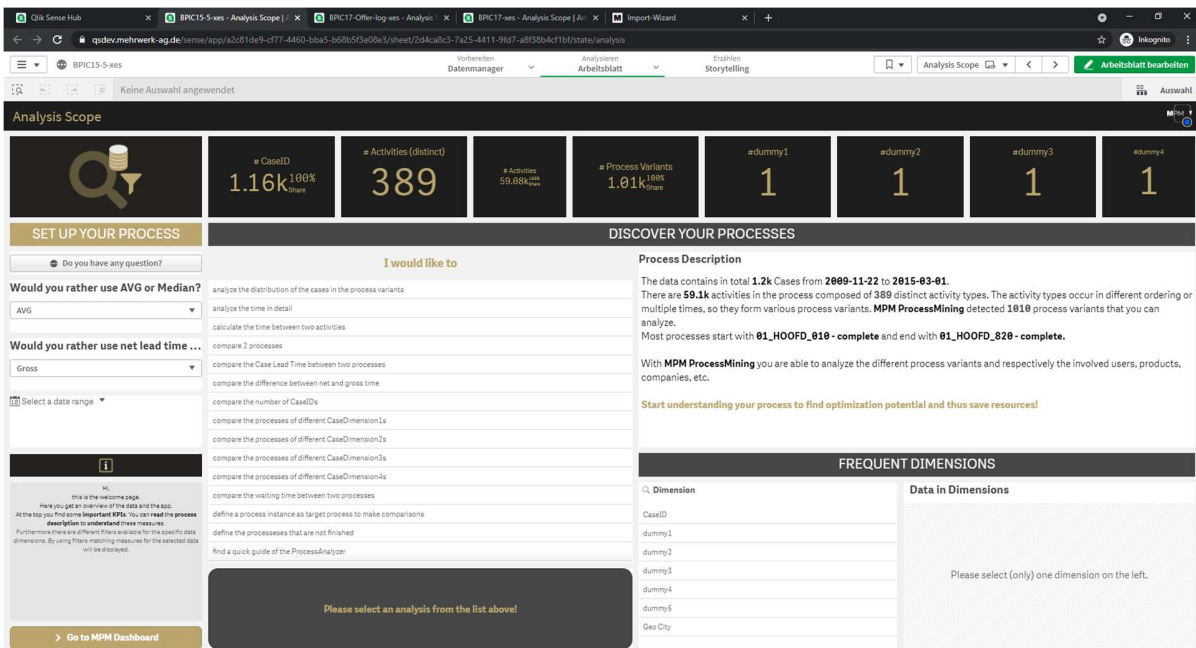
Process Log Raw Data result:

XES_Data											
case_id	case_s...	event...	event_planned	event_quest...	event_datafinis...	event_actio...	event_actvityNameEN	event...	event...	event_actvityNameNL	event_conce...
4187229	126.45		2010-10-08T11:23:39+02:00	6-10-2010-09-00	2010-10-07 11:24:34	01_HOOFD_810	register submission date request	560849	560752	registratie datum binnenkomst aanvraag	01_HOOFD_810
4187229	126.45			EMPTY	2010-10-07 11:24:34	01_HOOFD_815	phase application received	560849	560752	fase aanvraag ontvangen	01_HOOFD_815
4187229	126.45		2010-10-08T11:23:45+02:00	True	2010-10-07 11:53:14	01_HOOFD_820	reception through OLO	560849	560752	ontvangst via OLO	01_HOOFD_820
4187229	126.45		2010-10-09T08:39:20+02:00	False	2010-10-08 11:59:51	01_HOOFD_865.2	enter senddate procedure confirmation	560849	560752	invoren verzenddatum procedurebevestiging	01_HOOFD_865.2
4187229	126.45		2010-10-08T11:53:09+02:00	EMPTY	2010-10-08 08:33:59	01_HOOFD_840	forward to the competent authority	560849	560752	doorsturen aan bevoegd gezag	01_HOOFD_840
4187229	126.45		2010-10-09T08:34:57+02:00	True	2010-10-08 08:33:59	01_HOOFD_850	applicant is stakeholder	560849	560751	aanvrager is belanghebbende	01_HOOFD_850
4187229	126.45		2010-10-09T08:35:07+02:00	False	2010-10-08 08:33:59	01_HOOFD_865	complete permit	560849	560752	complete vergunning	01_HOOFD_865
4187229	126.45		2010-10-09T08:35:14+02:00	True	2010-10-08 08:33:59	01_HOOFD_865	regular procedure without MER	560849	560752	reguliere procedure zonder MER	01_HOOFD_865
4187229	126.45		2010-10-09T08:35:22+02:00	EMPTY	2010-10-08 08:33:59	01_HOOFD_865.1	send procedure confirmation	560849	560752	procedurebevestiging versturen	01_HOOFD_865.1
4187229	126.45	2010-10-22T11:58:51+02:00	EMPTY	EMPTY	2010-10-08 11:59:50	01_HOOFD_100	register date of publishing received request	560849	560752	registratie datum publicatie Ingekomen aanvraag	01_HOOFD_100
4187229	126.45		2010-10-09T11:59:46+02:00	False	2010-10-11 10:09:31	05_END_810	terminate on request	560849	560849	beëindigen op verzoek	05_END_810
4187229	126.45		2010-10-09T11:59:46+02:00	False	2010-10-11 10:09:31	05_END_810	end procedure term	560849	560849	verleiden proceduretermijn	05_END_810
4187229	126.45		2010-10-09T11:59:46+02:00	EMPTY	2010-10-11 10:09:32	01_HOOFD_110	treat subcases completeness	560849	560849	behandelen deelzaken volledigheid	01_HOOFD_110
4187229	126.45		2010-10-12T10:01:19+02:00	EMPTY	2010-10-11 10:09:33	01_HOOFD_120	subcases completeness completed	560849	560849	deelzaken volledigheid afgerond	01_HOOFD_120
4187229	126.45		2010-10-12T10:04:10+02:00	False	2010-10-11 10:09:33	01_HOOFD_130	VWV permit aspect	560849	560849	VWV vergunningaspect	01_HOOFD_130
4187229	126.45		2010-10-12T10:04:21+02:00	False	2010-10-11 10:09:33	01_HOOFD_170	multiple components selected	560849	560849	meerdere onderdelen geselecteerd	01_HOOFD_170
4187229	126.45		2010-10-12T10:05:01+02:00	True	2010-10-11 10:09:33	01_HOOFD_200	request complete	560849	560849	aanvraag volledig	01_HOOFD_200
4187229	126.45		EMPTY	EMPTY	2010-10-11 10:09:33	01_HOOFD_205	phase application receptive	560849	560849	fase aanvraag ontvankelijk	01_HOOFD_205
4187229	126.45		2010-10-12T10:05:08+02:00	EMPTY	2010-10-11 10:09:33	01_HOOFD_250	treat subcases content	560849	560849	behandelen deelzaken inhoudelijkheid	01_HOOFD_250
4187229	126.45		2010-10-12T10:06:17+02:00	False	2010-10-11 10:09:33	01_HOOFD_260	completed subcases content	560849	560849	deelzaken inhoudelijkheid afgerond	01_HOOFD_260
4187229	126.45		2010-10-12T10:06:23+02:00	False	2010-10-11 10:09:33	01_HOOFD_260	phase subcases content	560849	560849	fase subzaken inhoudelijkheid	01_HOOFD_260
4187229	126.45		2010-10-12T10:06:22+02:00	False	2010-10-11 10:09:33	01_HOOFD_270	VWV permit aspect	560849	560849	VWV vergunningaspect	01_HOOFD_270
4187229	126.45		2010-10-12T10:07:00+02:00	False	2010-10-11 10:09:33	09_AHL_810	article 34 WABO applies	560849	560849	artikel 34 WABO van toepassing	09_AHL_810
4187229	126.45		2010-10-12T10:07:10+02:00	EMPTY	2010-10-11 10:09:33	01_HOOFD_370	assessment of content completed	560849	560849	inhoudelijke beoordeling afgerond	01_HOOFD_370
4187229	126.45		2010-10-12T10:07:22+02:00	False	2010-10-11 10:09:33	01_HOOFD_380	grounds for refusal	560849	560849	weigeringgrond	01_HOOFD_380
4187229	126.45		2010-10-12T10:07:28+02:00	False	2010-10-11 10:09:33	01_HOOFD_430	ask stakeholders views	560849	560849	belanghebbenden zienzaken vrij	01_HOOFD_430
4187229	126.45		2010-10-12T10:08:22+02:00	False	2010-10-11 10:09:33	01_HOOFD_470	suspension ground applicatie	560849	560849	aanhoudinggrond van toepassing	01_HOOFD_470
4187229	126.45		2010-10-12T10:08:27+02:00	False	2010-10-11 10:09:33	01_HOOFD_480	by law	560849	560849	van rechtswege	01_HOOFD_480
4187229	126.45		2010-10-12T10:08:31+02:00	EMPTY	2010-10-11 10:09:33	01_HOOFD_490.1	creating environmental permit decision	560849	560849	aanmaken besluit omgevingsvergunning	01_HOOFD_490.1
4187229	126.45		2010-10-12T10:08:33+02:00	EMPTY	2010-10-11 10:09:32	01_HOOFD_490.2	generating decision environmental permit	560849	560849	genereren beschikking omgevingsvergunning	01_HOOFD_490.2
4187229	126.45		2010-10-12T10:09:04+02:00	EMPTY	2010-10-10 16:16:17	01_HOOFD_490.3	register date environmental permit decision	560849	560849	registreren datum besluit omgevingsvergunning	01_HOOFD_490.3

IMPORT

BPIC15_5

Process Mining Dashboard result:



IMPORT

Process Log Raw Data result:

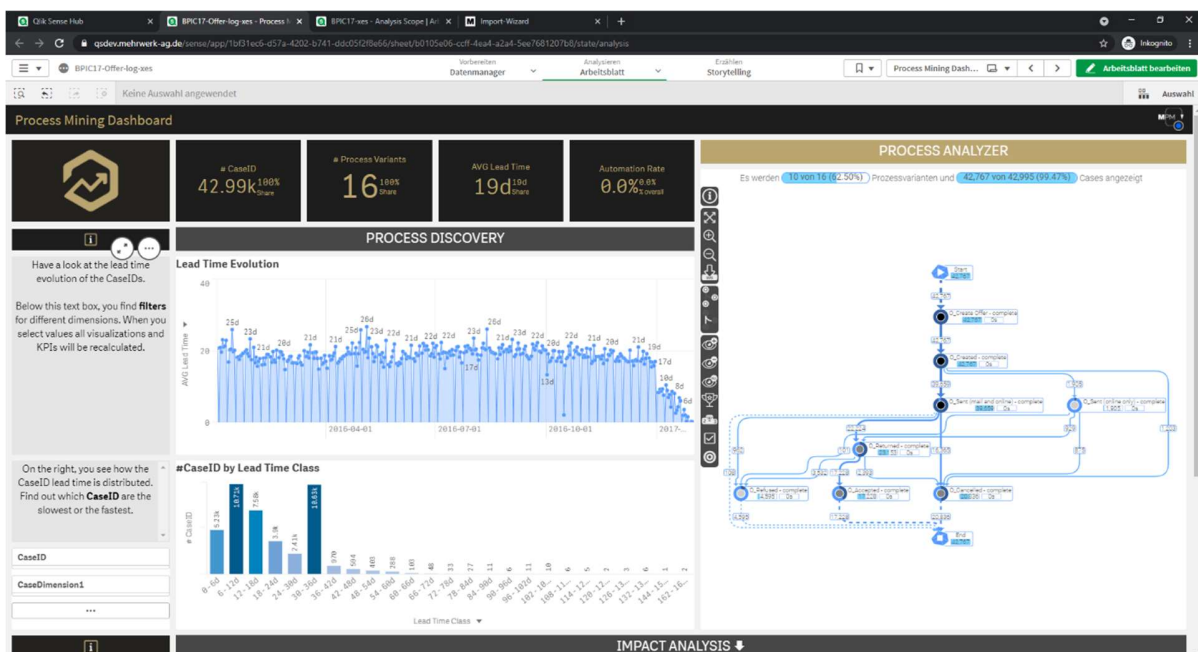
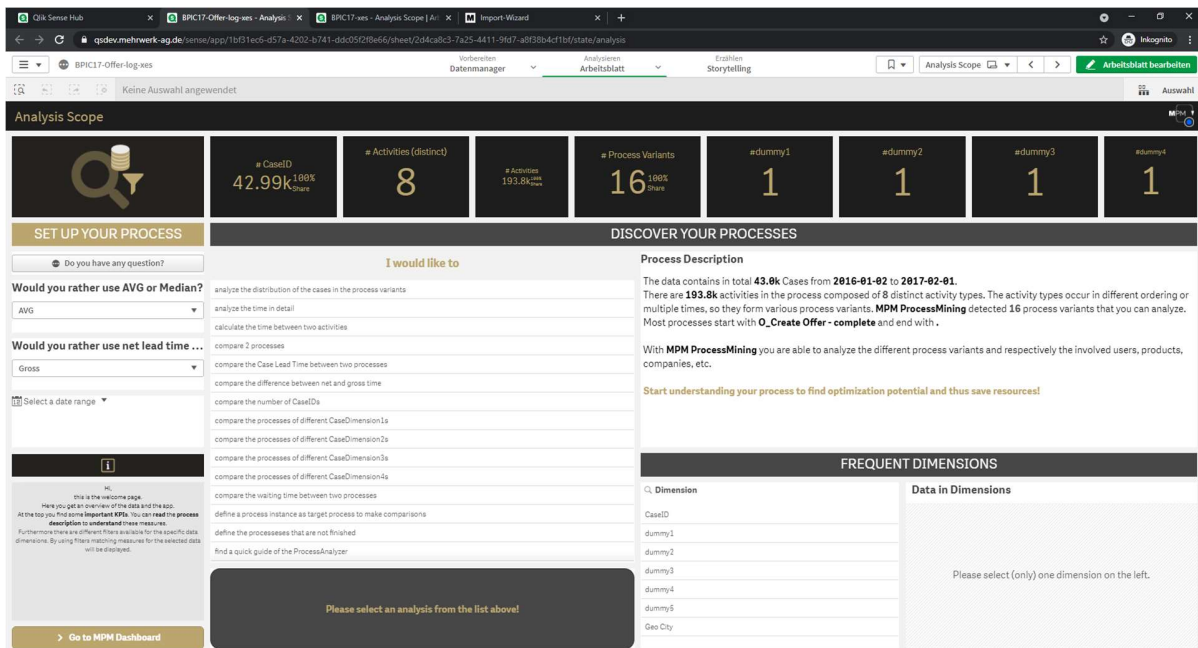
Mein neues Arbeitsblatt														
XES_Data														
CaseID	ActivityType	ActivityStart	ActivityEnd	Case End Date	Case Start Date	Case Start Phase	Case C...	Case...	Case...	Case Parts				
3364103	Start	9	2010-10-03 22:00:00	2010-10-03 22:00:00	2010-10-03 22:00:00									
3364103	01_HOOFD_010 - complete	140	2010-10-03 22:00:00	2010-10-03 22:00:00	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_030_2 - complete	151	2010-10-12 22:00:00	2010-10-12 22:00:00	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_065_2 - complete	166	2010-10-12 22:00:00	2010-10-12 22:00:00	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_190_2 - complete	203	2010-10-12 22:00:00	2010-10-12 22:00:00	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	08_AWB45_020_2 - complete	433	2010-10-12 22:00:00	2010-10-12 22:00:00	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_100 - complete	172	2010-12-01 23:00:00	2010-12-01 23:00:00	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	08_AWB45_070_3 - complete	456	2010-12-01 23:00:00	2010-12-01 23:00:00	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_015 - complete	145	2010-12-02 12:12:00	2010-12-02 12:12:00	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_020 - complete	147	2010-12-02 12:12:00	2010-12-02 12:12:00	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_030_1 - complete	149	2010-12-02 12:12:00	2010-12-02 12:12:00	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_040 - complete	153	2010-12-02 12:13:46	2010-12-02 12:13:46	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_060 - complete	158	2010-12-02 12:14:03	2010-12-02 12:14:03	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_065_1 - complete	164	2010-12-02 12:14:05	2010-12-02 12:14:05	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_100 - complete	172	2010-12-02 12:14:21	2010-12-02 12:14:21	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_110 - complete	180	2010-12-02 12:14:26	2010-12-02 12:14:26	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_130 - complete	190	2010-12-02 12:16:50	2010-12-02 12:16:50	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	01_HOOFD_090 - complete	155	2010-12-02 12:16:56	2010-12-02 12:16:56	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	05_EIND_010 - complete	378	2010-12-02 12:17:14	2010-12-02 12:17:14	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		
3364103	06_VD_010 - complete	392	2010-12-02 12:25:33	2010-12-02 12:25:33	2010-12-03 00:00:00-01:00	2010-10-04 00:00:00-02:00	G	Procedure afgebroken	557669	506600	1573293	Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral		

Mein neues Arbeitsblatt														
XES_Data														
Case Parts	Case I...	Case...	Case I...	Case...	Event Use D...	Event...	Event...	Event data Finished	Event Action...	Event Activity Name EN	Event...	Event...	Event Activity Name NL	Event Concept...
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-05 13:11:58-01:00	2010-12-03 13:11:5...	EMPTY	2010-12-02 13:12:22	01_HOOFD_010	register submission date request	506600	506600	registratie datum binnenkomst aanvraag	01_HOOFD_010		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-04 13:12:07-01:00	2010-12-03 13:12:0...	EMPTY	2010-12-02 13:12:22	01_HOOFD_030_2	enter senddate acknowledgement	506600	506600	invieren verzandatum ontvangstbevestiging	01_HOOFD_030		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:14:08	2010-12-03 13:14:0...	EMPTY	2010-12-02 13:16:57	01_HOOFD_065_2	enter senddate procedure confirmation	506600	506600	invieren verzandatum procedurebevestiging	01_HOOFD_065		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895			EMPTY	2010-12-02 13:28:34	01_HOOFD_190_2	enter senddate procedure confirmation	506600	506600	invieren verzandatum procedurebevestiging	01_HOOFD_190		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895			EMPTY	2010-12-02 13:29:16	08_AWB45_020_2	enter senddate retrieve missing data	506600	506600	invieren verzandatum opvragen ontbrekende gegevens	08_AWB45_020		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:14:27	2010-12-03 13:14:2...	EMPTY	2010-12-02 13:27:37	01_HOOFD_100	register date of publishing received request	506600	506600	registratie datum publicatie ingekomen aanvraag	01_HOOFD_100		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:29:47	2010-12-03 13:29:4...	EMPTY	2010-12-02 13:30:54	08_AWB45_070_3	enter date decision permanent suspension	506600	506600	registreren datum besluit buiten behandeling	08_AWB45_070		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895			EMPTY	2010-12-02 13:12:24	01_HOOFD_015	phase application received	506600	506600	fase aanvraag ontvangen	01_HOOFD_015		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-05 13:12:08-01:00	2010-12-03 13:12:0...	False	2010-12-02 13:12:24	01_HOOFD_020	reception through OLO	506600	506600	ontvangt via OLO	01_HOOFD_020		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-04 13:12:04-01:00	2010-12-03 13:12:0...	EMPTY	2010-12-02 13:12:22	01_HOOFD_030_1	send confirmation receipt	506600	506600	versturen ontvangstbevestiging	01_HOOFD_030		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-07 13:12:19-01:00	2010-12-03 13:12:1...	False	2010-12-02 13:16:58	01_HOOFD_040	forward to the competent authority	506600	506600	doorsturen aan bevoegd gezag	01_HOOFD_040		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:13:47	2010-12-03 13:13:4...	True	2010-12-02 13:16:58	01_HOOFD_060	regular procedure without MER	506600	506600	reguliere procedure zonder MER	01_HOOFD_060		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:14:08	2010-12-03 13:14:0...	EMPTY	2010-12-02 13:16:57	01_HOOFD_065_1	send procedure confirmation	506600	506600	procedurebevestiging versturen	01_HOOFD_065		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:14:17	2010-12-03 13:14:1...	EMPTY	2010-12-02 13:16:57	01_HOOFD_100	register date of publishing received request	506600	506600	registratie datum publicatie ingekomen aanvraag	01_HOOFD_100		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:14:17	2010-12-03 13:14:1...	False	2010-12-02 13:16:58	01_HOOFD_110	treat subcases completeness	506600	506600	behandelen deelzaken volledigheid	01_HOOFD_110		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:14:17	2010-12-03 13:14:1...	False	2010-12-02 13:16:58	01_HOOFD_130	WAV permit aspect	506600	506600	WAV vergunningaspect	01_HOOFD_130		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:14:17	2010-12-03 13:14:1...	True	2010-12-02 13:16:58	01_HOOFD_050	applicant is stakeholder	506600	506600	aanvrager is belanghebbende	01_HOOFD_050		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:14:17	2010-12-03 13:14:1...	False	2010-12-02 13:27:36	05_EIND_010	terminate on request	506600	506600	beëindigen op verzoek	05_EIND_010		
Bouw,Sloop,Bouw,Flora en Fauna,Kap,Sloop,Integral	TRUE	3445895	2010-12-03 13:27:36	2010-12-03 13:27:3...	False	2010-12-02 13:27:36	06_VD_010	extend procedure term	506600	506600	verlengen proceduurtermijn	06_VD_010		

IMPORT

BPIC17 – Offer log

Process Mining Dashboard result:



IMPORT

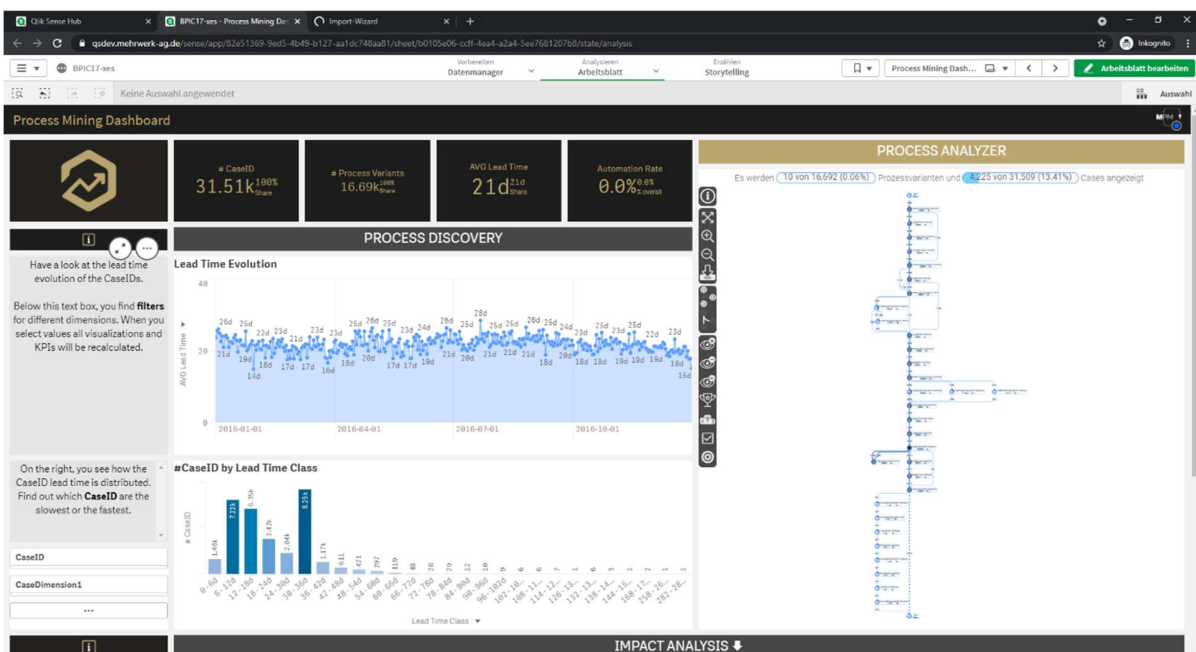
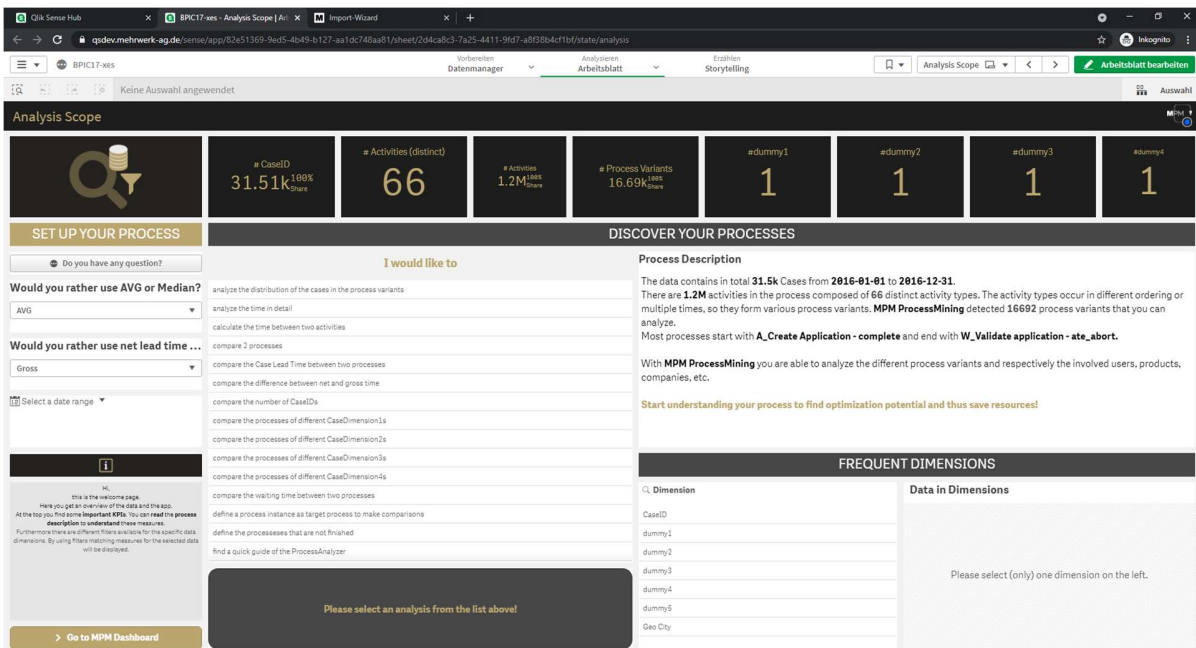
Process Log Raw Data result:

Qlik Sense Hub		BPIC17-Offet-log-yes - Mein neu...		BPIC17-yes - Analysis Scope Anl...		Import-Wizard							
← → ↻		qgdev.mehrwerk-ag.de/sense/app/1bf31ec6-457a-4202-b741-ddc25228a66/sheet/6c2ab4f-7857-4ec9-9545-3540089309b/state/analysis		Analyze		Import-Wizard							
BPIC17-Offet-log-yes		Datenmanager		Arbeitsblatt		Erstellen Storytelling							
Keine Auswahl angewendet		Mein neues Arbeitsbl...		Arbeitsblatt bearbeiten		Auswahl							
Mein neues Arbeitsblatt													
XES_Data													
CaseID	ActivityType	Activit...	ActivityStartTime...	ActivityEndTimes...	case.ApplicationID	case...	event...						
Offer_118598	Start	0	2016-08-29 15:21:29	2016-08-29 15:21:29	-	-	-						
Offer_118598	O_Create Offer - complete	103	2016-08-29 15:21:29	2016-08-29 15:21:29	Application_33744271	0	56 300.0 2590.0 15000.0 Created User_75 O_Create Offer Offer OfferS						
Offer_118598	O_Created - complete	104	2016-08-29 15:21:30	2016-08-29 15:21:30	Application_33744271	0	56 300.0 2590.0 15000.0 statechange User_75 O_Created Offer OfferS						
Offer_118598	O_Sent (online only) - complete	108	2016-08-29 15:21:44	2016-08-29 15:21:44	Application_33744271	0	56 300.0 2590.0 15000.0 statechange User_75 O_Sent (online only) Offer OfferS						
Offer_118598	O_Returned - complete	106	2016-08-29 15:22:00	2016-08-29 15:22:00	Application_33744271	0	56 300.0 2590.0 15000.0 statechange User_75 O_Returned Offer OfferS						
Offer_118598	O_Cancelled - complete	102	2016-10-21 07:31:54	2016-10-21 07:31:54	Application_33744271	0	56 300.0 2590.0 15000.0 statechange User_2 O_Cancelled Offer OfferS						
Offer_118598	End	999999999	2016-10-21 07:31:54	2016-10-21 07:31:54	-	-	-						
Offer_127435	Start	0	2016-01-22 13:20:41	2016-01-22 13:20:41	-	-	-						
Offer_127435	O_Create Offer - complete	103	2016-01-22 13:20:41	2016-01-22 13:20:41	Application_1358464831	0	127 160.0 0.0 16000.0 Created User_35 O_Create Offer Offer OfferS						
Offer_127435	O_Created - complete	104	2016-01-22 13:20:42	2016-01-22 13:20:42	Application_1358464831	0	127 160.0 0.0 16000.0 statechange User_35 O_Created Offer OfferS						
Offer_127435	O_Sent (mail and online) - complete	107	2016-01-22 13:21:40	2016-01-22 13:21:40	Application_1358464831	0	127 160.0 0.0 16000.0 statechange User_35 O_Sent (mail and online) Offer OfferS						
Offer_127435	O_Cancelled - complete	102	2016-02-22 07:00:28	2016-02-22 07:00:28	Application_1358464831	0	127 160.0 0.0 16000.0 statechange User_1 O_Cancelled Offer OfferS						
Offer_127435	End	999999999	2016-02-22 07:00:28	2016-02-22 07:00:28	-	-	-						
Offer_148086	Start	0	2016-06-10 07:50:42	2016-06-10 07:50:42	-	-	-						
Offer_148086	O_Create Offer - complete	103	2016-06-10 07:50:42	2016-06-10 07:50:42	Application_1768766967	0	48 340.8 7636.32 15000.0 Created User_43 O_Create Offer Offer OfferS						
Offer_148086	O_Created - complete	104	2016-06-10 07:50:44	2016-06-10 07:50:44	Application_1768766967	0	48 340.8 7636.32 15000.0 statechange User_43 O_Created Offer OfferS						
Offer_148086	O_Sent (mail and online) - complete	107	2016-06-10 07:50:53	2016-06-10 07:50:53	Application_1768766967	0	48 340.8 7636.32 15000.0 statechange User_43 O_Sent (mail and online) Offer OfferS						
Offer_148086	O_Cancelled - complete	102	2016-06-22 09:17:34	2016-06-22 09:17:34	Application_1768766967	0	48 340.8 7636.32 15000.0 statechange User_30 O_Cancelled Offer OfferS						
Offer_148086	End	999999999	2016-06-22 09:17:34	2016-06-22 09:17:34	-	-	-						
Offer_148194	Start	0	2016-11-25 09:40:53	2016-11-25 09:40:53	-	-	-						
Offer_148194	O_Create Offer - complete	103	2016-11-25 09:40:53	2016-11-25 09:40:53	Application_795526517	909	80 150.0 1000.0 10000.0 Created User_69 O_Create Offer Offer OfferS						
Offer_148194	O_Created - complete	104	2016-11-25 09:40:53	2016-11-25 09:40:53	Application_795526517	909	80 150.0 1000.0 10000.0 statechange User_69 O_Created Offer OfferS						
Offer_148194	O_Sent (mail and online) - complete	107	2016-11-25 09:44:22	2016-11-25 09:44:22	Application_795526517	909	80 150.0 1000.0 10000.0 statechange User_69 O_Sent (mail and online) Offer OfferS						
Offer_148194	O_Returned - complete	106	2016-12-06 12:06:52	2016-12-06 12:06:52	Application_795526517	909	80 150.0 1000.0 10000.0 statechange User_53 O_Returned Offer OfferS						
Offer_148194	O_Accepted - complete	101	2016-12-09 13:59:48	2016-12-09 13:59:48	Application_795526517	909	80 150.0 1000.0 10000.0 statechange User_68 O_Accepted Offer OfferS						
Offer_148194	End	999999999	2016-12-09 13:59:48	2016-12-09 13:59:48	-	-	-						
Offer_165445	Start	0	2016-12-12 11:47:32	2016-12-12 11:47:32	-	-	-						
Offer_165445	O_Create Offer - complete	103	2016-12-12 11:47:32	2016-12-12 11:47:32	Application_455023384	0	87 599.24 33217.0 45000.0 Created User_69 O_Create Offer Offer OfferS						
Offer_165445	O_Created - complete	104	2016-12-12 11:47:34	2016-12-12 11:47:34	Application_455023384	0	87 599.24 33217.0 45000.0 statechange User_69 O_Created Offer OfferS						
Offer_165445	O_Sent (mail and online) - complete	107	2016-12-12 11:47:44	2016-12-12 11:47:44	Application_455023384	0	87 599.24 33217.0 45000.0 statechange User_69 O_Sent (mail and online) Offer OfferS						

IMPORT

BPIC17

Process Mining Dashboard result:



IMPORT

Process Log Raw Data result:

XES_Data															
CaseID	ActivityType	Acti...	ActivityStartTime	ActivityEndTime	caseLoanGoal	caseA...	case...	eventA...	event...	eventconcept.na...	eventE...	eventEventID	event...		
Application_94215	Start	0	2016-10-11 15:04:55	2016-10-11 15:04:55	-	-	-	-	-	-	-	-	-	-	-
Application_94215	A_Create Application - complete	105	2016-10-11 15:04:55	2016-10-11 15:04:55	Home improvement	New credit	13000.0	Created	User_51	A_Create Application	Application	Application_94215	complete		
Application_94215	W_Complete application - schedule	140	2016-10-11 15:04:55	2016-10-11 15:04:55	Home improvement	New credit	13000.0	Created	User_51	W_Complete application	Workflow	Workitem_839192730	schedule		
Application_94215	W_Complete application - start	141	2016-10-11 15:04:55	2016-10-11 15:04:55	Home improvement	New credit	13000.0	Obtained	User_51	W_Complete application	Workflow	Workitem_168544207	start		
Application_94215	A_Concept - complete	104	2016-10-11 15:04:55	2016-10-11 15:04:55	Home improvement	New credit	13000.0	statechange	User_51	A_Concept	Application	AppIState_701766092	complete		
Application_94215	A_Accepted - complete	101	2016-10-11 15:11:23	2016-10-11 15:11:23	Home improvement	New credit	13000.0	statechange	User_51	A_Accepted	Application	AppIState_1637681618	complete		
Application_94215	O_Create Offer - complete	113	2016-10-11 15:18:03	2016-10-11 15:18:03	Home improvement	New credit	13000.0	Created	User_51	O_Create Offer	Offer	Offer_793520234	complete		
Application_94215	O_Created - complete	114	2016-10-11 15:18:03	2016-10-11 15:18:03	Home improvement	New credit	13000.0	statechange	User_51	O_Created	Offer	OfferState_1909310209	complete		
Application_94215	O_Sent (mail and online) - complete	117	2016-10-11 15:18:12	2016-10-11 15:18:12	Home improvement	New credit	13000.0	statechange	User_51	O_Sent (mail and online)	Offer	OfferState_11605261	complete		
Application_94215	W_Complete application - complete	138	2016-10-11 15:18:12	2016-10-11 15:18:12	Home improvement	New credit	13000.0	Deleted	User_51	W_Complete application	Workflow	Workitem_537050088	complete		
Application_94215	W_Call after offers - schedule	138	2016-10-11 15:18:12	2016-10-11 15:18:12	Home improvement	New credit	13000.0	Created	User_51	W_Call after offers	Workflow	Workitem_384543709	schedule		
Application_94215	W_Call after offers - start	129	2016-10-11 15:18:12	2016-10-11 15:18:12	Home improvement	New credit	13000.0	Obtained	User_51	W_Call after offers	Workflow	Workitem_852187007	start		
Application_94215	A_Complete - complete	103	2016-10-11 15:18:12	2016-10-11 15:18:12	Home improvement	New credit	13000.0	statechange	User_51	A_Complete	Application	AppIState_1925646667	complete		
Application_94215	W_Call after offers - suspend	130	2016-10-11 15:20:43	2016-10-11 15:20:43	Home improvement	New credit	13000.0	Released	User_51	W_Call after offers	Workflow	Workitem_2009267366	suspend		
Application_94215	W_Call after offers - resume	127	2016-10-17 14:06:49	2016-10-17 14:06:49	Home improvement	New credit	13000.0	Obtained	User_61	W_Call after offers	Workflow	Workitem_2139110463	resume		
Application_94215	W_Call after offers - suspend	130	2016-10-17 14:07:19	2016-10-17 14:07:19	Home improvement	New credit	13000.0	Released	User_61	W_Call after offers	Workflow	Workitem_888666117	suspend		
Application_94215	O_Create Offer - complete	113	2016-10-18 11:17:30	2016-10-18 11:17:30	Home improvement	New credit	13000.0	Created	User_16	O_Create Offer	Offer	Offer_80100000	complete		
Application_94215	O_Created - complete	114	2016-10-18 11:17:30	2016-10-18 11:17:30	Home improvement	New credit	13000.0	statechange	User_16	O_Created	Offer	OfferState_1260314497	complete		
Application_94215	O_Sent (mail and online) - complete	117	2016-10-18 11:17:40	2016-10-18 11:17:40	Home improvement	New credit	13000.0	statechange	User_16	O_Sent (mail and online)	Offer	OfferState_1376155212	complete		
Application_94215	A_Cancelled - complete	102	2016-11-18 07:00:15	2016-11-18 07:00:15	Home improvement	New credit	13000.0	statechange	User_1	A_Cancelled	Application	AppIState_66159387	complete		
Application_94215	O_Cancelled - complete	112	2016-11-18 07:00:15	2016-11-18 07:00:15	Home improvement	New credit	13000.0	statechange	User_1	O_Cancelled	Offer	OfferState_509357181	complete		
Application_94215	O_Cancelled - complete	112	2016-11-18 07:00:15	2016-11-18 07:00:15	Home improvement	New credit	13000.0	statechange	User_1	O_Cancelled	Offer	OfferState_1962542067	complete		
Application_94215	W_Call after offers - ata_abort	125	2016-11-18 07:00:15	2016-11-18 07:00:15	Home improvement	New credit	13000.0	Deleted	User_1	W_Call after offers	Workflow	Workitem_1161903529	ata_abort		
Application_94215	End	99999999	2016-11-18 07:00:15	2016-11-18 07:00:15	-	-	-	-	-	-	-	-	-	-	-
Application_220112	Start	0	2016-12-21 13:42:49	2016-12-21 13:42:49	-	-	-	-	-	-	-	-	-	-	-
Application_220112	A_Create Application - complete	105	2016-12-21 13:42:49	2016-12-21 13:42:49	Existing loan takeover	New credit	25000.0	Created	User_1	A_Create Application	Application	Application_220112	complete		
Application_220112	A_Submitted - complete	109	2016-12-21 13:42:50	2016-12-21 13:42:50	Existing loan takeover	New credit	25000.0	statechange	User_1	A_Submitted	Application	AppIState_1302600874	complete		
Application_220112	W_Handle leads - schedule	147	2016-12-21 13:42:50	2016-12-21 13:42:50	Existing loan takeover	New credit	25000.0	Created	User_1	W_Handle leads	Workflow	Workitem_19049270408	schedule		
Application_220112	W_Handle leads - withdraw	150	2016-12-21 13:43:51	2016-12-21 13:43:51	Existing loan takeover	New credit	25000.0	Deleted	User_1	W_Handle leads	Workflow	Workitem_301925629	withdraw		
Application_220112	W_Complete application - schedule	140	2016-12-21 13:43:51	2016-12-21 13:43:51	Existing loan takeover	New credit	25000.0	Created	User_1	W_Complete application	Workflow	Workitem_1764922469	schedule		
Application_220112	A_Concept - complete	104	2016-12-21 13:43:51	2016-12-21 13:43:51	Existing loan takeover	New credit	25000.0	statechange	User_1	A_Concept	Application	AppIState_666241891	complete		
Application_220112	W_Complete application - start	141	2016-12-21 14:22:16	2016-12-21 14:22:16	Existing loan takeover	New credit	25000.0	Obtained	User_90	W_Complete application	Workflow	Workitem_791984254	start		
Application_220112	A_Accepted - complete	101	2016-12-21 14:28:13	2016-12-21 14:28:13	Existing loan takeover	New credit	25000.0	statechange	User_90	A_Accepted	Application	AppIState_1845926805	complete		

IMPORT

ARTIFICIAL LOGS

FILTERED REPAIR EXAMPLE LOGS

NAME	LEVEL	EVENT ATTRIBUTE KEYS (IF BOLD THEN GLOBAL)
LevelA1	A1	concept:name
LevelA2	A2	Classifier (concept:name AND lifecycle:transition)
LevelB1	B1	concept:name, lifecycle:transition, time:timestamp
LevelB2	B2	Classifier (concept:name AND lifecycle:transition), time:timestamp
LevelC1	C1	concept:name, org:resource
LevelC2	C2	Classifier (concept:name AND lifecycle:transition), org:resource
LevelD1	D1	concept:name, concept:instance, lifecycle:transition, org:resource, org:group, org:role, time:timestamp
LevelD2	D2	Classifier (concept:name AND lifecycle:transition), concept:instance, org:resource, org:group, org:role, time:timestamp
FlagX1	X1	defectFixed, defectType, Key 1, Key 2, Key 3, Key 4, Key 6, phoneType, numberRepairs, {0,1,2} 2Sa!! +1 <x> , ITEMS:41, #1, o.1.1
FlagX2	X2	defectFixed, defectType, Classifier (Key 1 AND Key 6), Key 2, Key 3, Key 4,

IMPORT

phoneType,
numberRepairs,
{0,1,2} 2Sa!! +1 <x>,
ITEMS:41, #1, o.1.1

ATTRIBUTE TYPES AND VALUES

KEYS	TYPE	VALUES
concept:instance Key 2	string	instance 1 instance 2 instance 3 instance 4
concept:name (A1 and C1 logs)	string	Analyze Defect+complete Analyze Defect+start Archive Repair+complete Inform User+complete Register+complete Repair (Complex)+complete Repair (Complex)+start Repair (Simple)+complete Repair (Simple)+start Restart Repair+complete Test Repair+complete Test Repair+start
concept:name (other logs) Key 1	string	Analyze Defect Archive Repair Inform User Register Repair (Simple) Repair (Complex) Restart Repair Test Repair
lifecycle:transition Key 6	string	start complete
org:group {0,1,2} 2Sa!! +1 <x>	string	Group - Group 1, 3, and 5 Group 2 and 4
org:resource Key 3	string	SolverC1 SolverC2 SolverC3 SolverS1 SolverS2 SolverS3 System Tester1 Tester2

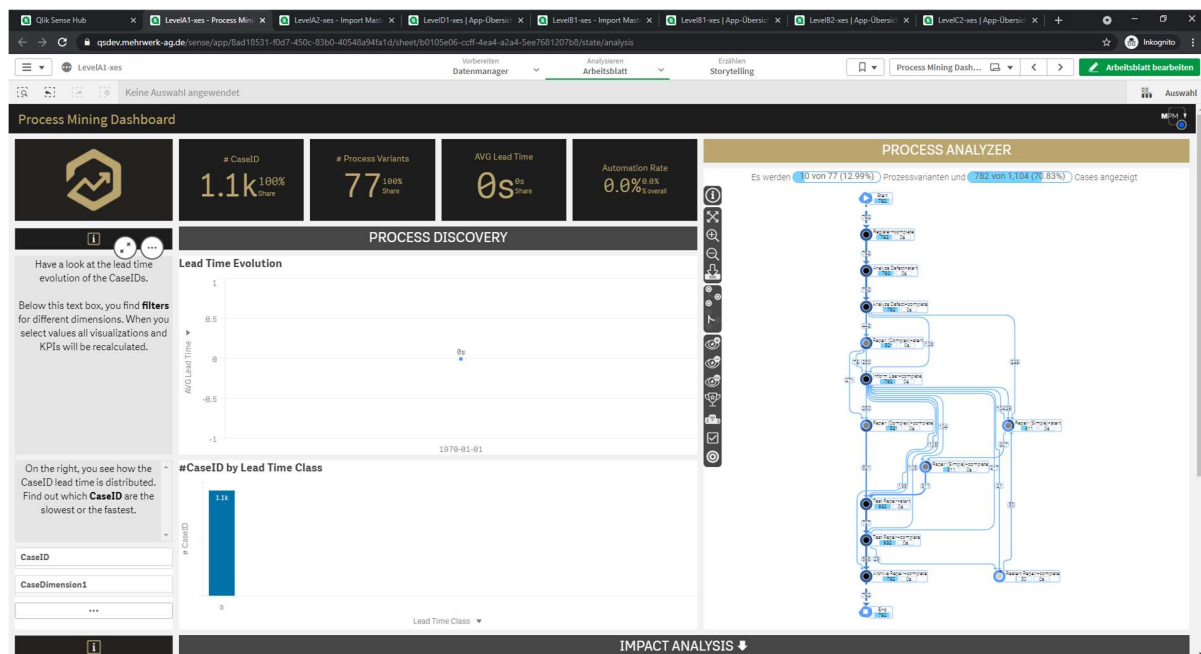
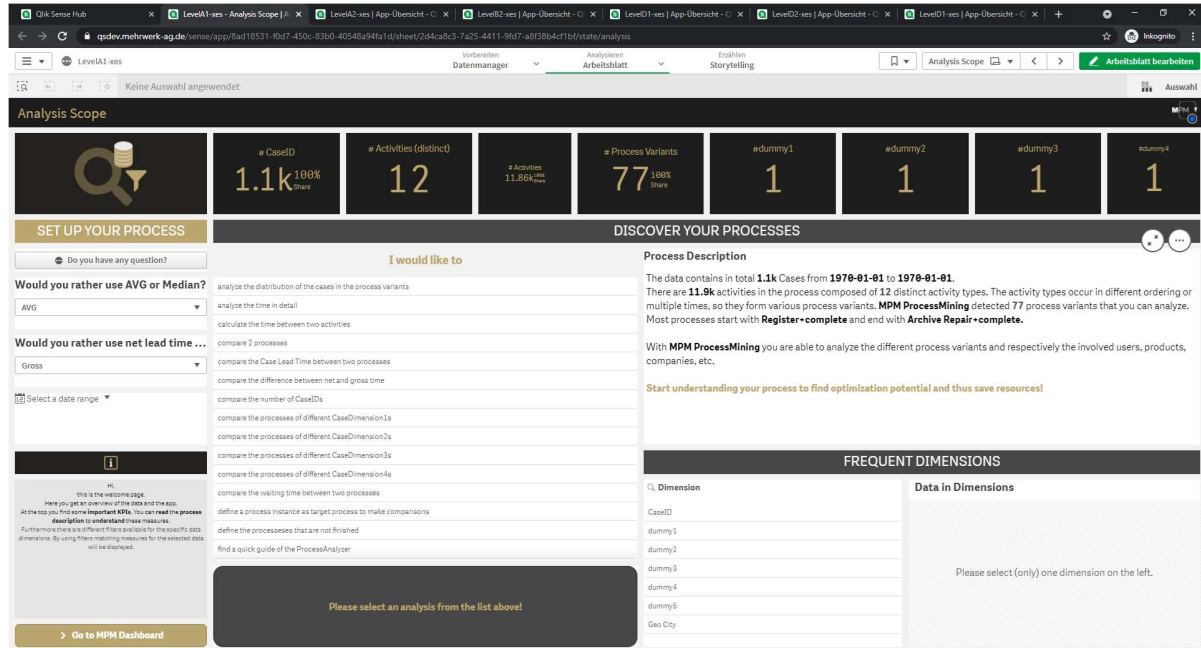
IMPORT

		Tester3 Tester4 Tester5 Tester6
org:role ITEMS:41, #1, o.1.1	string	Role 1, 2, and 3 Role 10 Role 9
time:timestamp Key 4	date	<i>Like</i> 1970-01-02T12:23:56.720+01:00
defectFixed	boolean	true false
defectType	int	1 10 2 3 4 5 6 7 8 9
numberRepairs	int	0 1 2 3
phoneType	String	T1 T2 T3

IMPORT

Level A1

Process Mining Dashboard result:



IMPORT

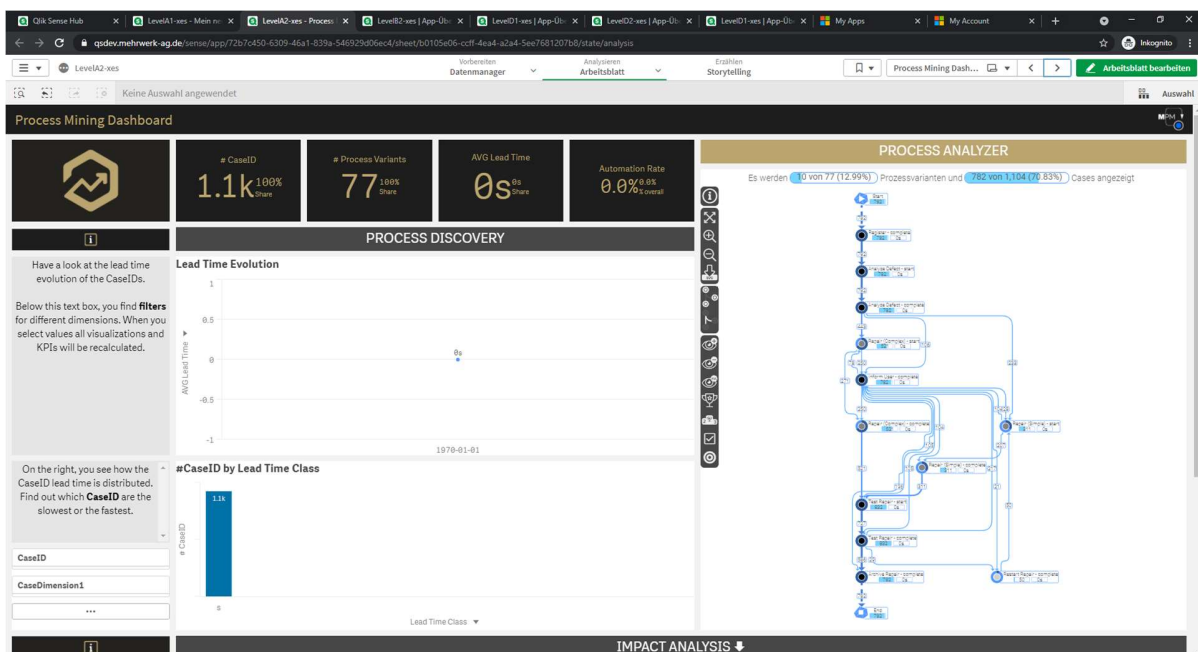
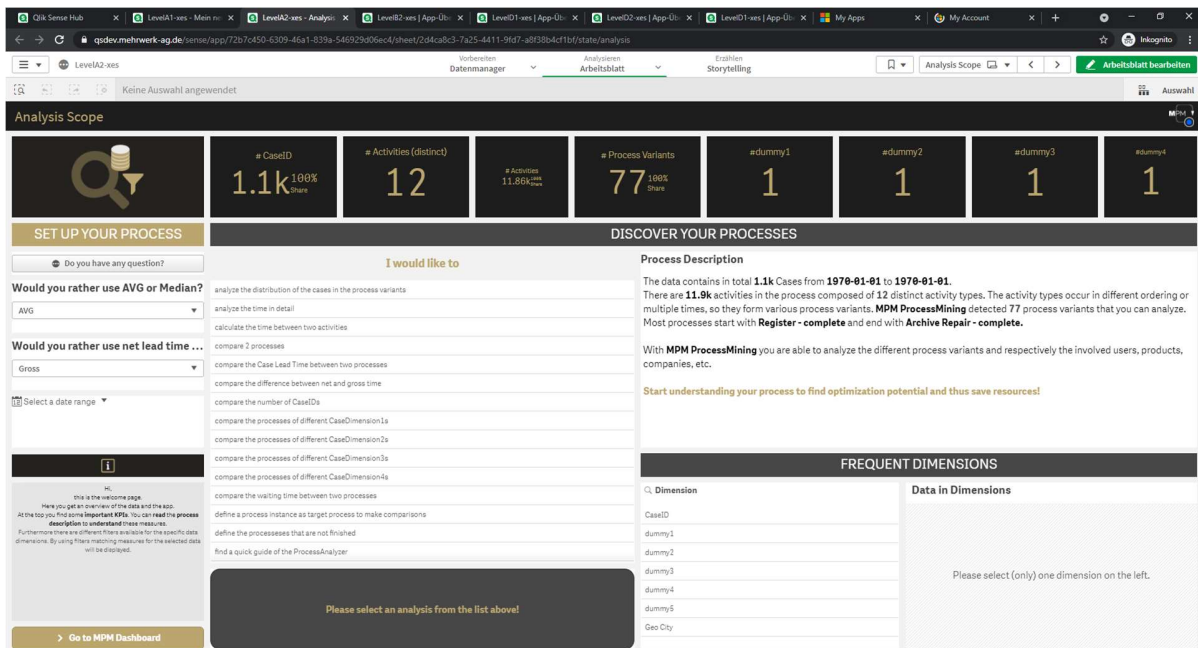
Process Log Raw Data result: concept:name attributes are stored in “ActivityType”

CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	SortingColumn
1	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1
1	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	1
1	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2
1	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3
1	Repair (Complex)+start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	4
1	Repair (Complex)+complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	5
1	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	6
1	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	7
1	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	8
1	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	9
1	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999
2	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1
2	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	2274
2	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2275
2	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	2276
2	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	2277
2	Repair (Complex)+start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	2278
2	Repair (Complex)+complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	2279
2	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	2280
2	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	2281
2	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	2282
2	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999
3	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1
3	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	3463
3	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	3464
3	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3465
3	Repair (Simple)+start	109	1970-01-01 01:00:00	1970-01-01 01:00:00	3466
3	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	3467
3	Repair (Simple)+complete	108	1970-01-01 01:00:00	1970-01-01 01:00:00	3468
3	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	3469
3	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	3470
3	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	3471
3	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999

IMPORT

Level A2

Process Mining Dashboard result:



IMPORT

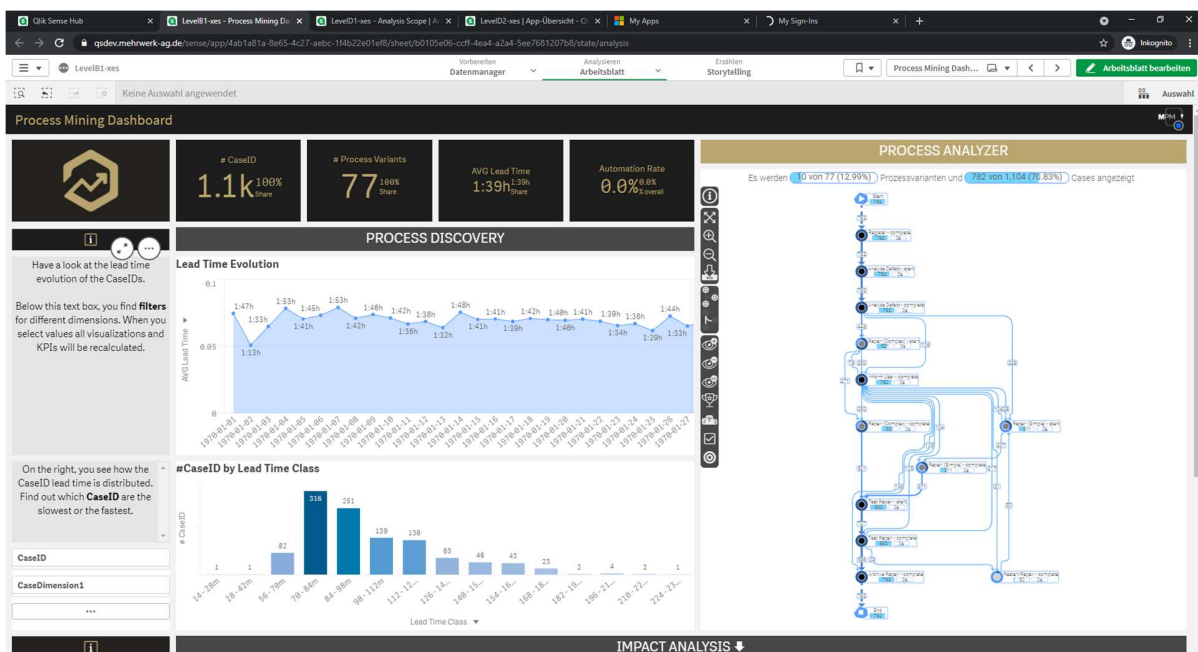
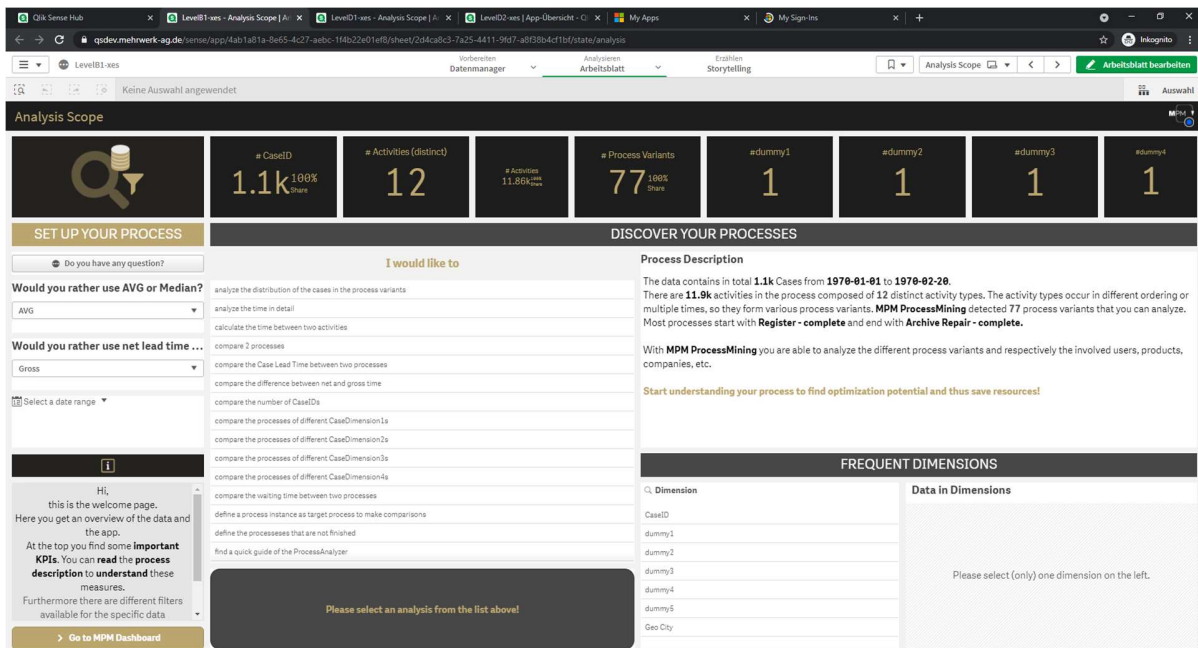
Process Log Raw Data result: classifier lifecycle:transition and concept:name are used as “ActivityType”

CasID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	SortingColumn	event:lifecycle:transition	event:concept:name
1	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-	-
1	Register - complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	1	complete	Register
1	Analyze Defect - start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2	start	Analyze Defect
1	Analyze Defect - complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3	complete	Analyze Defect
1	Repair (Complex) - start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	4	start	Repair (Complex)
1	Repair (Complex) - complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	5	complete	Repair (Complex)
1	Test Repair - start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	6	start	Test Repair
1	Test Repair - complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	7	complete	Test Repair
1	Inform User - complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	8	complete	Inform User
1	Archive Repair - complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	9	complete	Archive Repair
1	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-	-
2	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-	-
2	Register - complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	2274	complete	Register
2	Analyze Defect - start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2275	start	Analyze Defect
2	Analyze Defect - complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	2276	complete	Analyze Defect
2	Inform User - complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	2277	complete	Inform User
2	Repair (Complex) - start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	2278	start	Repair (Complex)
2	Repair (Complex) - complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	2279	complete	Repair (Complex)
2	Test Repair - start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	2280	start	Test Repair
2	Test Repair - complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	2281	complete	Test Repair
2	Archive Repair - complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	2282	complete	Archive Repair
2	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-	-
3	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-	-
3	Register - complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	3463	complete	Register
3	Analyze Defect - start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	3464	start	Analyze Defect
3	Analyze Defect - complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3465	complete	Analyze Defect
3	Repair (Simple) - start	109	1970-01-01 01:00:00	1970-01-01 01:00:00	3466	start	Repair (Simple)
3	Inform User - complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	3467	complete	Inform User
3	Repair (Simple) - complete	108	1970-01-01 01:00:00	1970-01-01 01:00:00	3468	complete	Repair (Simple)
3	Test Repair - start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	3469	start	Test Repair
3	Test Repair - complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	3470	complete	Test Repair
3	Archive Repair - complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	3471	complete	Archive Repair
3	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-	-

IMPORT

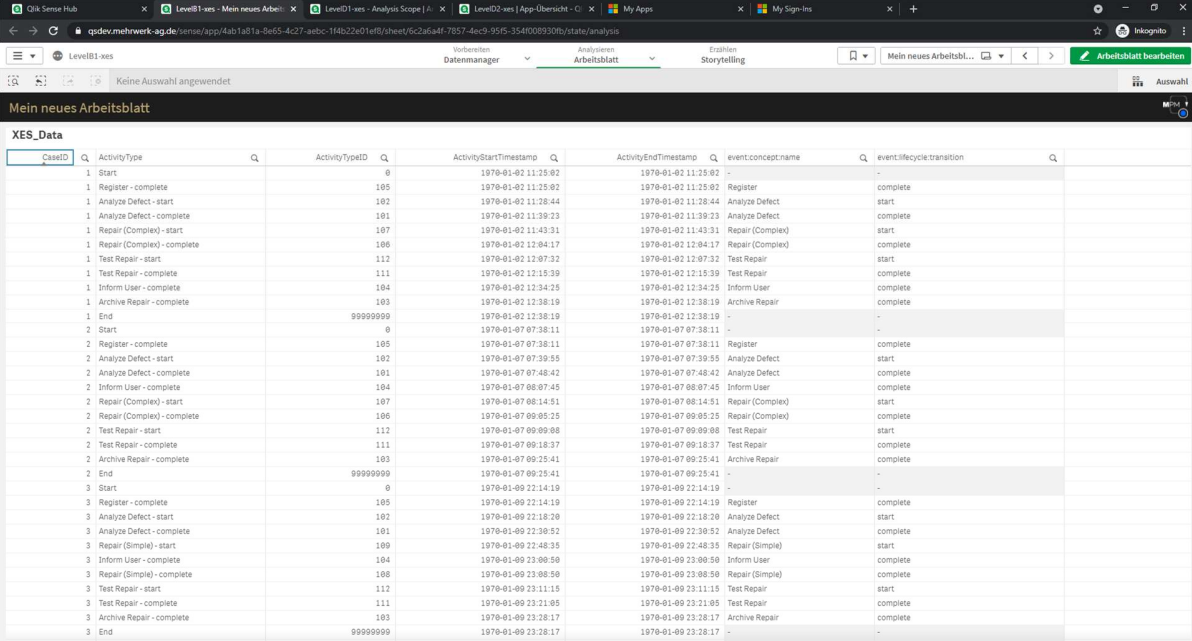
Level B1

Process Mining Dashboard result:



IMPORT

Process Log Raw Data result: concept:name, lifecycle:transition, and time:timestamp attributes contained in the log were used as “ActivityType” and “ActivityStartTimestamp”.



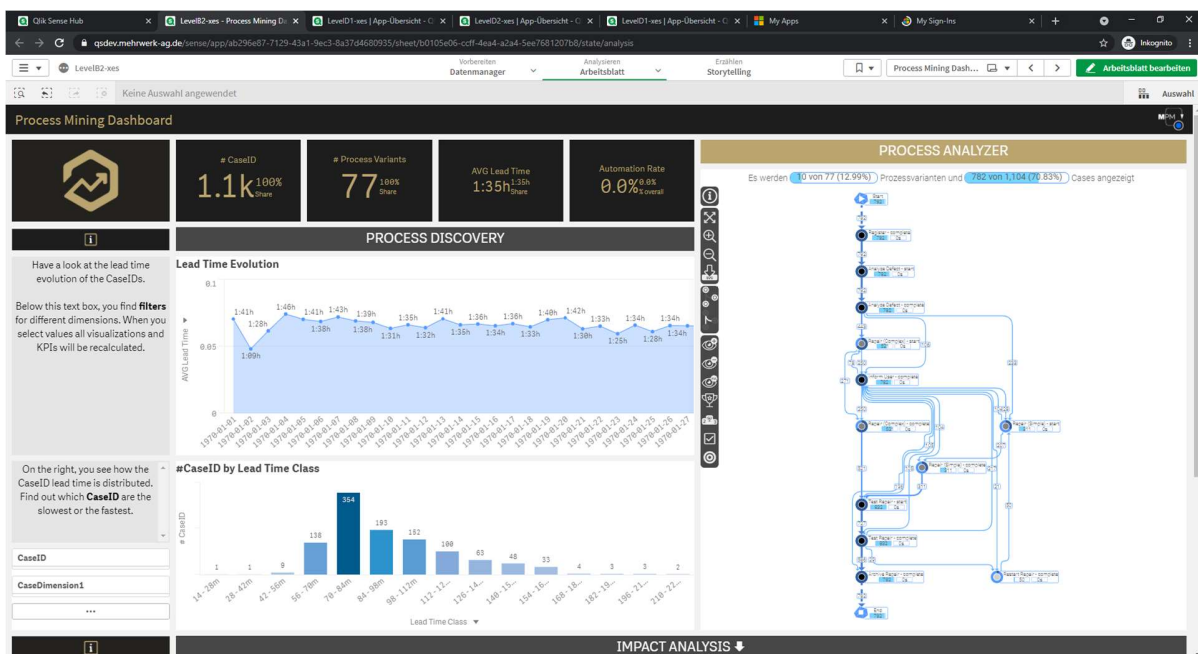
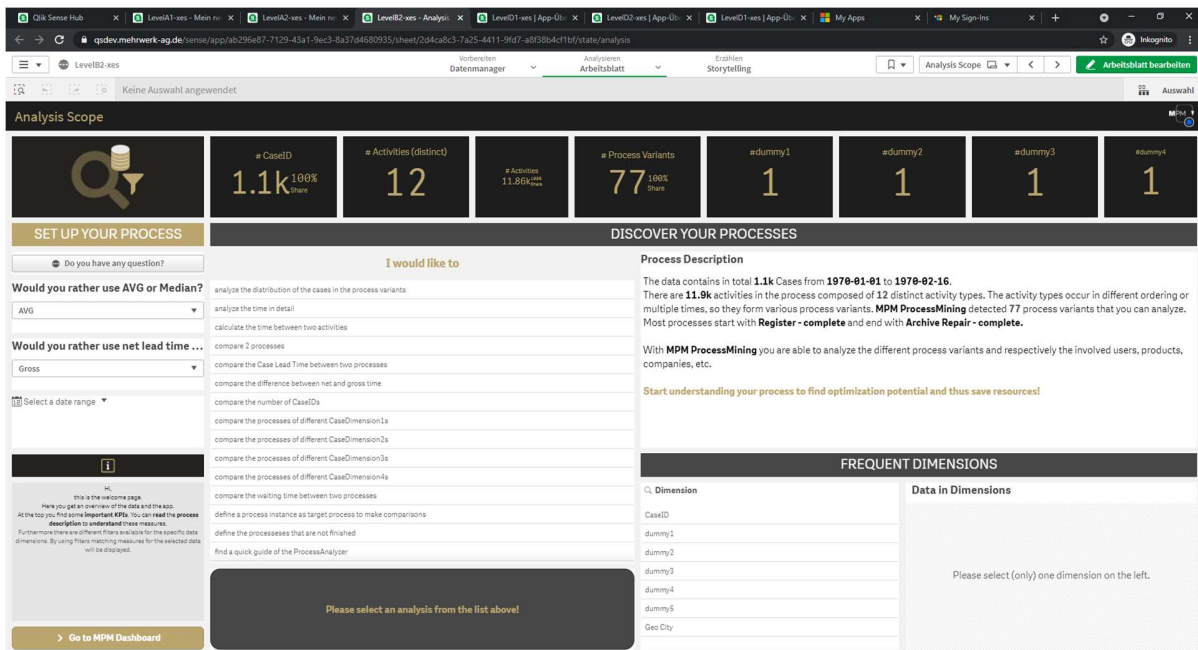
The screenshot shows a Qlik Sense application titled "Mein neues Arbeitsblatt". The interface includes a top navigation bar with tabs for "Datenmanager", "Arbeitsblatt", and "Storytelling". The main content area displays a table with the following columns: "CaseID", "ActivityType", "ActivityTypeID", "ActivityStartTimestamp", "ActivityEndTimestamp", "event:conceptname", and "event:lifecycle:transition". The table contains 30 rows of data, grouped by "CaseID" (1, 2, 3). Each row represents a specific activity within a case, detailing the activity type, its ID, the start and end timestamps, and the associated concept and lifecycle transition.

CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	event:conceptname	event:lifecycle:transition
1	Start	0	1970-01-01 11:25:02	1970-01-01 11:25:02	-	-
1	Register - complete	105	1970-01-01 11:25:02	1970-01-01 11:25:02	Register	complete
1	Analyze Defect - start	102	1970-01-01 11:26:44	1970-01-01 11:26:44	Analyze Defect	start
1	Analyze Defect - complete	101	1970-01-01 11:39:23	1970-01-01 11:39:23	Analyze Defect	complete
1	Repair (Complex) - start	107	1970-01-01 11:43:31	1970-01-01 11:43:31	Repair (Complex)	start
1	Repair (Complex) - complete	106	1970-01-01 12:04:17	1970-01-01 12:04:17	Repair (Complex)	complete
1	Test Repair - start	112	1970-01-01 12:07:32	1970-01-01 12:07:32	Test Repair	start
1	Test Repair - complete	111	1970-01-01 12:15:39	1970-01-01 12:15:39	Test Repair	complete
1	Inform User - complete	104	1970-01-01 12:34:25	1970-01-01 12:34:25	Inform User	complete
1	Archive Repair - complete	103	1970-01-01 12:38:19	1970-01-01 12:38:19	Archive Repair	complete
1	End	99999999	1970-01-01 12:38:19	1970-01-01 12:38:19	-	-
2	Start	0	1970-01-01 07:38:11	1970-01-01 07:38:11	-	-
2	Register - complete	105	1970-01-01 07:38:11	1970-01-01 07:38:11	Register	complete
2	Analyze Defect - start	102	1970-01-01 07:39:55	1970-01-01 07:39:55	Analyze Defect	start
2	Analyze Defect - complete	101	1970-01-01 07:48:42	1970-01-01 07:48:42	Analyze Defect	complete
2	Inform User - complete	104	1970-01-01 08:07:45	1970-01-01 08:07:45	Inform User	complete
2	Repair (Complex) - start	107	1970-01-01 08:14:51	1970-01-01 08:14:51	Repair (Complex)	start
2	Repair (Complex) - complete	106	1970-01-01 09:05:25	1970-01-01 09:05:25	Repair (Complex)	complete
2	Test Repair - start	112	1970-01-01 09:09:06	1970-01-01 09:09:06	Test Repair	start
2	Test Repair - complete	111	1970-01-01 09:18:37	1970-01-01 09:18:37	Test Repair	complete
2	Archive Repair - complete	103	1970-01-01 09:25:41	1970-01-01 09:25:41	Archive Repair	complete
2	End	99999999	1970-01-01 09:25:41	1970-01-01 09:25:41	-	-
3	Start	0	1970-01-01 22:14:19	1970-01-01 22:14:19	-	-
3	Register - complete	105	1970-01-01 22:14:19	1970-01-01 22:14:19	Register	complete
3	Analyze Defect - start	102	1970-01-01 22:18:20	1970-01-01 22:18:20	Analyze Defect	start
3	Analyze Defect - complete	101	1970-01-01 22:30:52	1970-01-01 22:30:52	Analyze Defect	complete
3	Repair (Simple) - start	109	1970-01-01 22:48:35	1970-01-01 22:48:35	Repair (Simple)	start
3	Inform User - complete	104	1970-01-01 23:00:50	1970-01-01 23:00:50	Inform User	complete
3	Repair (Simple) - complete	108	1970-01-01 23:00:50	1970-01-01 23:00:50	Repair (Simple)	complete
3	Test Repair - start	112	1970-01-01 23:11:16	1970-01-01 23:11:16	Test Repair	start
3	Test Repair - complete	111	1970-01-01 23:21:05	1970-01-01 23:21:05	Test Repair	complete
3	Archive Repair - complete	103	1970-01-01 23:28:17	1970-01-01 23:28:17	Archive Repair	complete
3	End	99999999	1970-01-01 23:28:17	1970-01-01 23:28:17	-	-

IMPORT

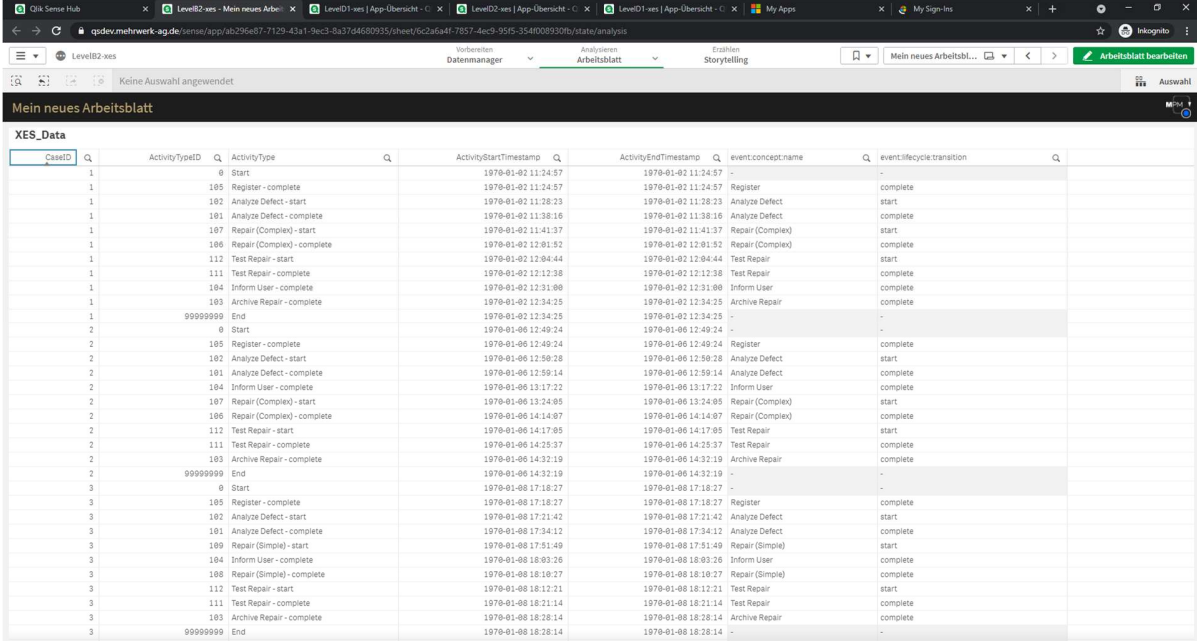
Level B2

Process Mining Dashboard result:



IMPORT

Process Log Raw Data result: concept:name, lifecycle:transition, and time:timestamp attributes contained in the log were used as “ActivityType” and “ActivityStartTimestamp”.



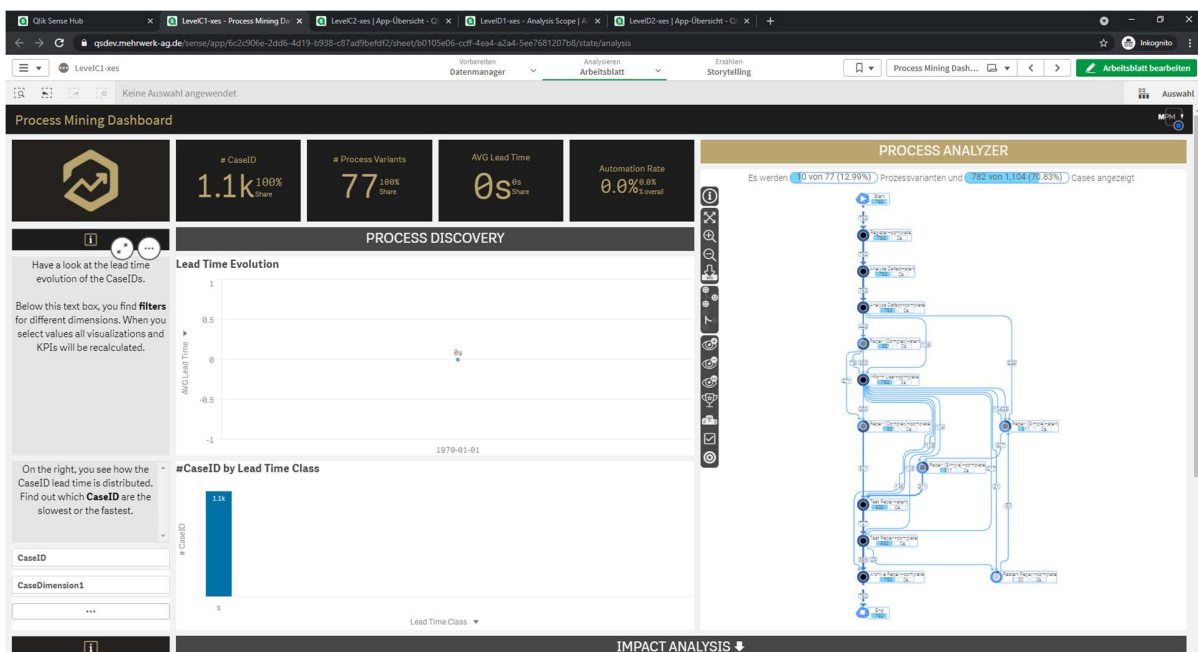
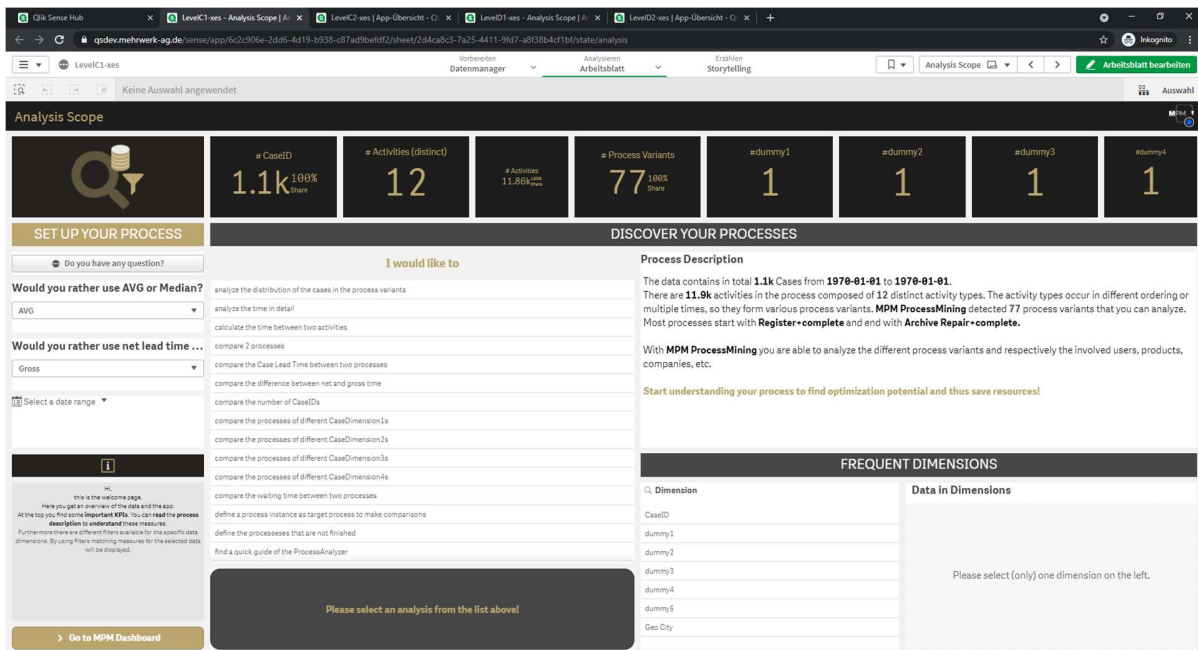
The screenshot shows a Qlik Sense application interface. The browser tabs at the top include 'Qlik Sense Hub', 'Level2: ses - Mein neues Arbeitsblatt', 'Level2: ses | App-Übersicht', 'Level2: ses | App-Übersicht', 'Level2: ses | App-Übersicht', 'Level2: ses | App-Übersicht', and 'My Apps'. The address bar shows the URL 'qlikdev.mehwerk-ag.de/sense/app/ab296e07-7129-43a1-9ec3-5a37d4660935/sheet/Gc2a64f7-7857-4ec9-95f5-354000930fb/state/analysis'. The application title is 'Mein neues Arbeitsblatt'. The table 'XES_Data' is displayed with the following columns: CaseID, ActivityTypeID, ActivityType, ActivityStartTimestamp, ActivityEndTimestamp, event.conceptname, and event.lifecycle:transition. The table contains 30 rows of data, showing various activities such as 'Start', 'Register - complete', 'Analyze Defect - start', 'Analyze Defect - complete', 'Repair (Complex) - start', 'Repair (Complex) - complete', 'Test Repair - start', 'Test Repair - complete', 'Inform User - complete', 'Archive Repair - complete', and 'End'. The data is grouped by CaseID, with CaseID 1 having 10 rows, CaseID 2 having 10 rows, and CaseID 3 having 10 rows.

CaseID	ActivityTypeID	ActivityType	ActivityStartTimestamp	ActivityEndTimestamp	event.conceptname	event.lifecycle:transition
1	0	Start	1970-01-01 11:24:57	1970-01-01 11:24:57	-	-
1	105	Register - complete	1970-01-01 11:24:57	1970-01-01 11:24:57	Register	complete
1	101	Analyze Defect - start	1970-01-01 11:28:23	1970-01-01 11:28:23	Analyze Defect	start
1	101	Analyze Defect - complete	1970-01-01 11:38:16	1970-01-01 11:38:16	Analyze Defect	complete
1	107	Repair (Complex) - start	1970-01-01 11:41:37	1970-01-01 11:41:37	Repair (Complex)	start
1	106	Repair (Complex) - complete	1970-01-01 12:01:52	1970-01-01 12:01:52	Repair (Complex)	complete
1	112	Test Repair - start	1970-01-01 12:04:44	1970-01-01 12:04:44	Test Repair	start
1	111	Test Repair - complete	1970-01-01 12:12:38	1970-01-01 12:12:38	Test Repair	complete
1	104	Inform User - complete	1970-01-01 12:31:00	1970-01-01 12:31:00	Inform User	complete
1	103	Archive Repair - complete	1970-01-01 12:34:25	1970-01-01 12:34:25	Archive Repair	complete
2	0	Start	1970-01-06 12:49:24	1970-01-06 12:49:24	-	-
2	105	Register - complete	1970-01-06 12:49:24	1970-01-06 12:49:24	Register	complete
2	101	Analyze Defect - start	1970-01-06 12:58:28	1970-01-06 12:58:28	Analyze Defect	start
2	101	Analyze Defect - complete	1970-01-06 12:59:14	1970-01-06 12:59:14	Analyze Defect	complete
2	104	Inform User - complete	1970-01-06 13:17:22	1970-01-06 13:17:22	Inform User	complete
2	107	Repair (Complex) - start	1970-01-06 13:24:05	1970-01-06 13:24:05	Repair (Complex)	start
2	106	Repair (Complex) - complete	1970-01-06 14:14:07	1970-01-06 14:14:07	Repair (Complex)	complete
2	112	Test Repair - start	1970-01-06 14:17:05	1970-01-06 14:17:05	Test Repair	start
2	111	Test Repair - complete	1970-01-06 14:25:37	1970-01-06 14:25:37	Test Repair	complete
2	103	Archive Repair - complete	1970-01-06 14:32:19	1970-01-06 14:32:19	Archive Repair	complete
3	0	Start	1970-01-08 17:18:27	1970-01-08 17:18:27	-	-
3	105	Register - complete	1970-01-08 17:18:27	1970-01-08 17:18:27	Register	complete
3	101	Analyze Defect - start	1970-01-08 17:21:42	1970-01-08 17:21:42	Analyze Defect	start
3	101	Analyze Defect - complete	1970-01-08 17:34:12	1970-01-08 17:34:12	Analyze Defect	complete
3	109	Repair (Simple) - start	1970-01-08 17:51:49	1970-01-08 17:51:49	Repair (Simple)	start
3	104	Inform User - complete	1970-01-08 18:03:26	1970-01-08 18:03:26	Inform User	complete
3	108	Repair (Simple) - complete	1970-01-08 18:10:27	1970-01-08 18:10:27	Repair (Simple)	complete
3	112	Test Repair - start	1970-01-08 18:12:21	1970-01-08 18:12:21	Test Repair	start
3	111	Test Repair - complete	1970-01-08 18:21:14	1970-01-08 18:21:14	Test Repair	complete
3	103	Archive Repair - complete	1970-01-08 18:28:14	1970-01-08 18:28:14	Archive Repair	complete
3	99999999	End	1970-01-08 18:28:14	1970-01-08 18:28:14	-	-

IMPORT

Level C1

Process Mining Dashboard result:



IMPORT

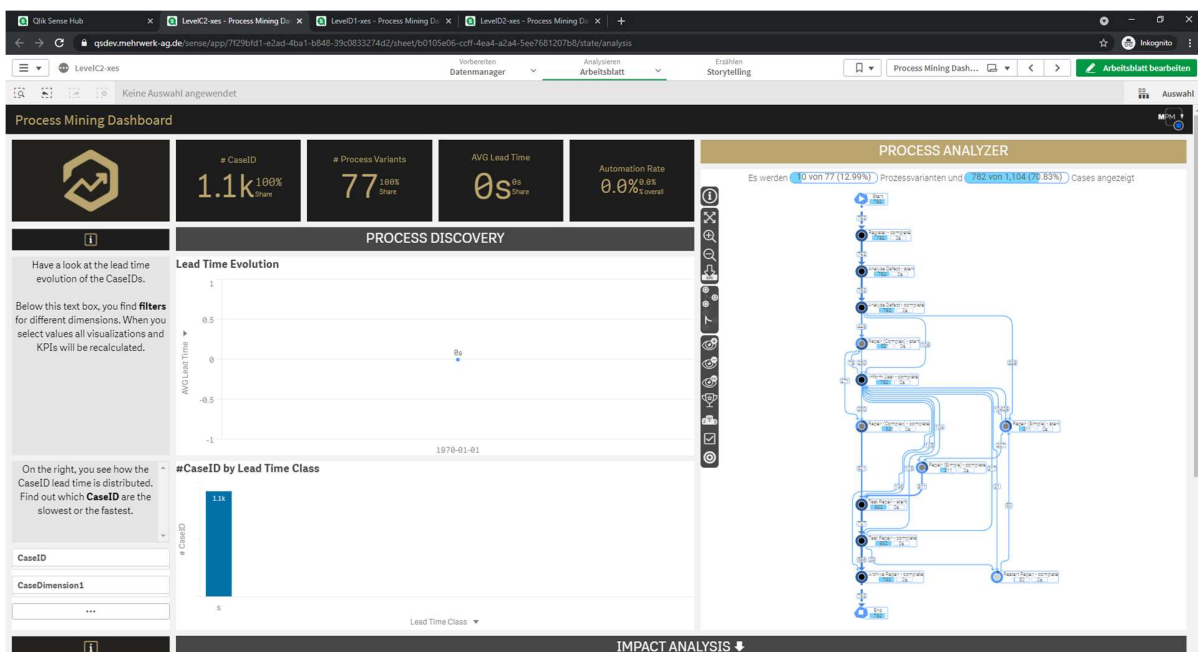
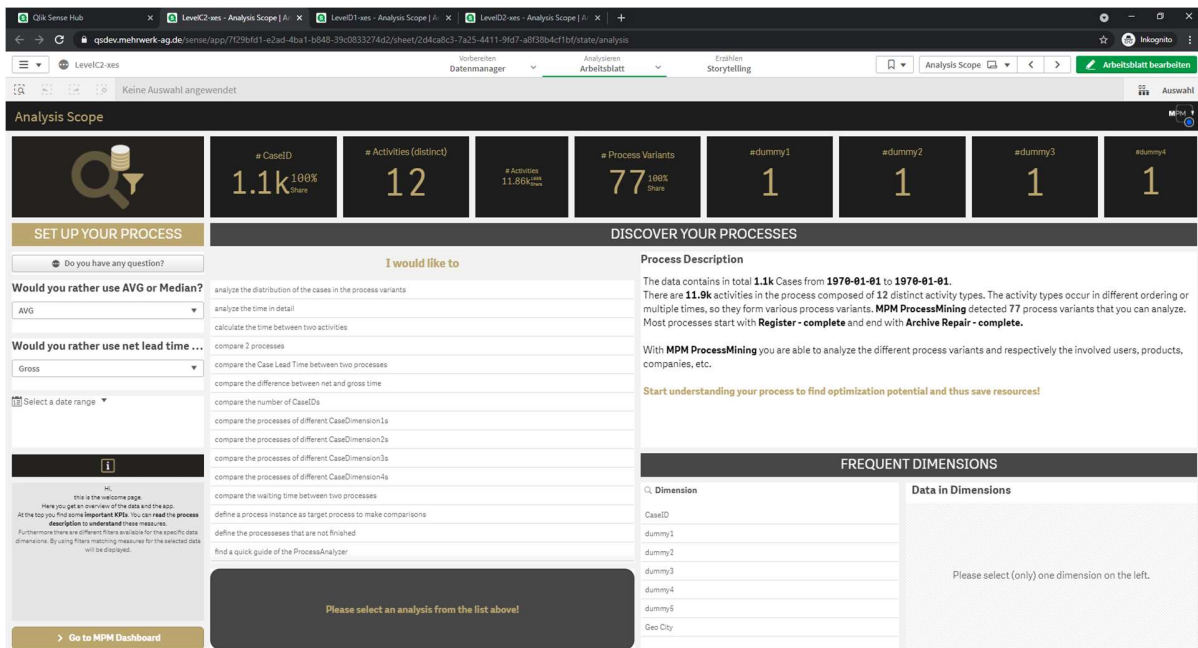
Process Log Raw Data result: concept:name and org:resource attributes contained in the log were used.

CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	SortingColumn	event.org:resource
1	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-
1	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	1	System
1	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2	Tester3
1	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3	Tester3
1	Repair (Complex)+start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	4	SolverC1
1	Repair (Complex)+complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	5	SolverC1
1	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	6	Tester2
1	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	7	Tester2
1	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	8	System
1	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	9	System
1	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-
2	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-
2	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	2274	System
2	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2275	Tester6
2	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	2276	Tester6
2	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	2277	System
2	Repair (Complex)+start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	2278	SolverC3
2	Repair (Complex)+complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	2279	SolverC3
2	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	2280	Tester4
2	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	2281	Tester4
2	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	2282	System
2	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-
3	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-
3	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	3463	System
3	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	3464	Tester3
3	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3465	Tester3
3	Repair (Simple)+start	109	1970-01-01 01:00:00	1970-01-01 01:00:00	3466	SolverG3
3	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	3467	System
3	Repair (Simple)+complete	108	1970-01-01 01:00:00	1970-01-01 01:00:00	3468	SolverG3
3	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	3469	Tester2
3	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	3470	Tester2
3	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	3471	System
3	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-

IMPORT

Level C2

Process Mining Dashboard result:



IMPORT

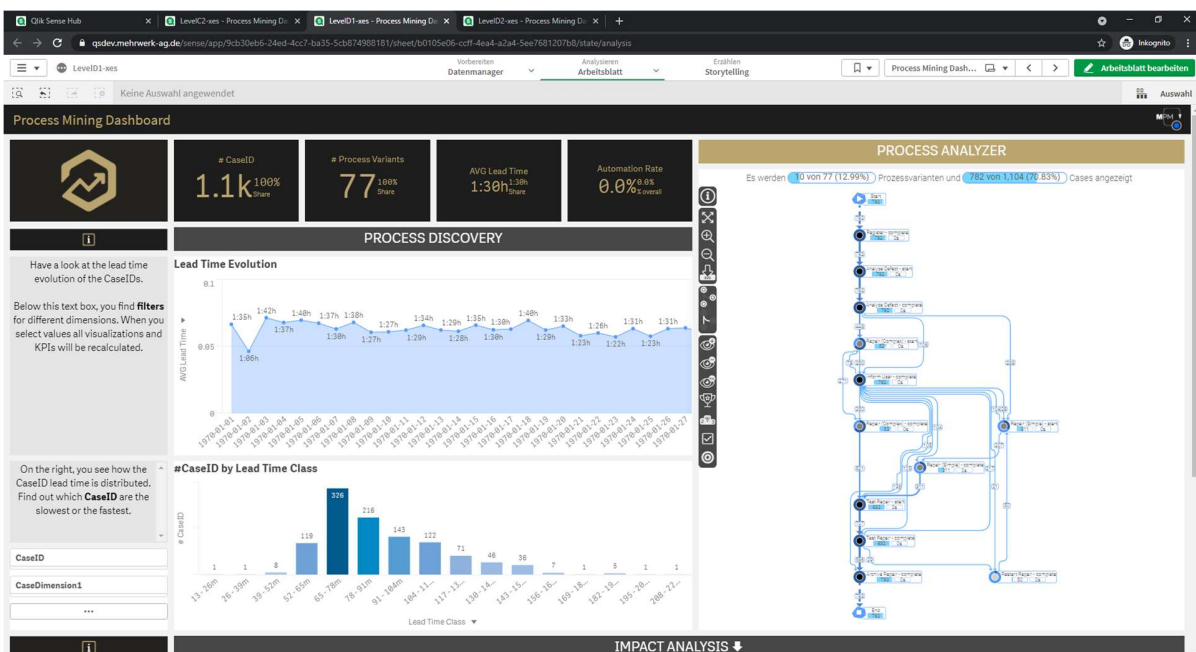
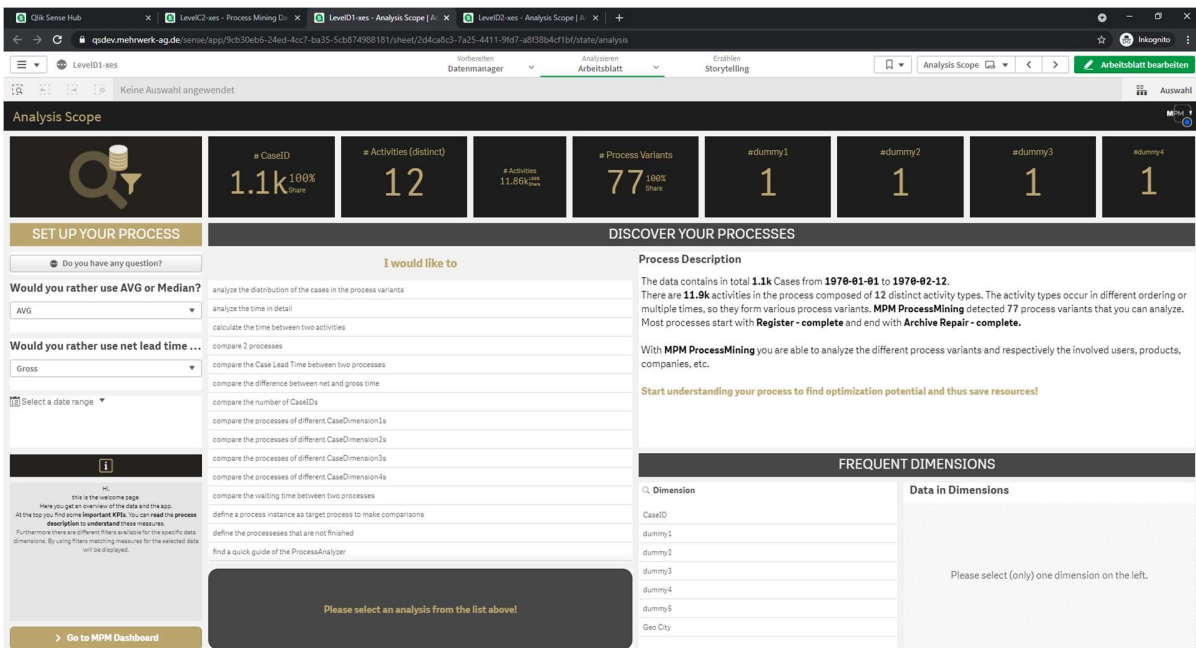
Process Log Raw Data result: classifier as “ActivityType”. Classifier and the org:resource attributes contained in the log were used.

CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	SortingColumn	event:org:resource	event:lifecycle:transition	event:concept:name
1	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-	-	-
1	Register - complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	1	System	complete	Register
1	Analyze Defect - start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2	Tester3	start	Analyze Defect
1	Analyze Defect - complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3	Tester3	complete	Analyze Defect
1	Repair (Complex) - start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	4	SolverC1	start	Repair (Complex)
1	Repair (Complex) - complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	5	SolverC1	complete	Repair (Complex)
1	Test Repair - start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	6	Tester3	start	Test Repair
1	Test Repair - complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	7	Tester3	complete	Test Repair
1	Inform User - complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	8	System	complete	Inform User
1	Archive Repair - complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	9	System	complete	Archive Repair
1	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-	-	-
2	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-	-	-
2	Register - complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	2274	System	complete	Register
2	Analyze Defect - start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2275	Tester6	start	Analyze Defect
2	Analyze Defect - complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	2276	Tester6	complete	Analyze Defect
2	Inform User - complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	2277	System	complete	Inform User
2	Repair (Complex) - start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	2278	SolverC3	start	Repair (Complex)
2	Repair (Complex) - complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	2279	SolverC3	complete	Repair (Complex)
2	Test Repair - start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	2280	Tester4	start	Test Repair
2	Test Repair - complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	2281	Tester4	complete	Test Repair
2	Archive Repair - complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	2282	System	complete	Archive Repair
2	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-	-	-
3	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-	-	-
3	Register - complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	3463	System	complete	Register
3	Analyze Defect - start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	3464	Tester3	start	Analyze Defect
3	Analyze Defect - complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3465	Tester3	complete	Analyze Defect
3	Repair (Simple) - start	109	1970-01-01 01:00:00	1970-01-01 01:00:00	3466	SolverG3	start	Repair (Simple)
3	Inform User - complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	3467	System	complete	Inform User
3	Repair (Simple) - complete	108	1970-01-01 01:00:00	1970-01-01 01:00:00	3468	SolverG3	complete	Repair (Simple)
3	Test Repair - start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	3469	Tester2	start	Test Repair
3	Test Repair - complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	3470	Tester2	complete	Test Repair
3	Archive Repair - complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	3471	System	complete	Archive Repair
3	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-	-	-

IMPORT

Level D1

Process Mining Dashboard result:



IMPORT

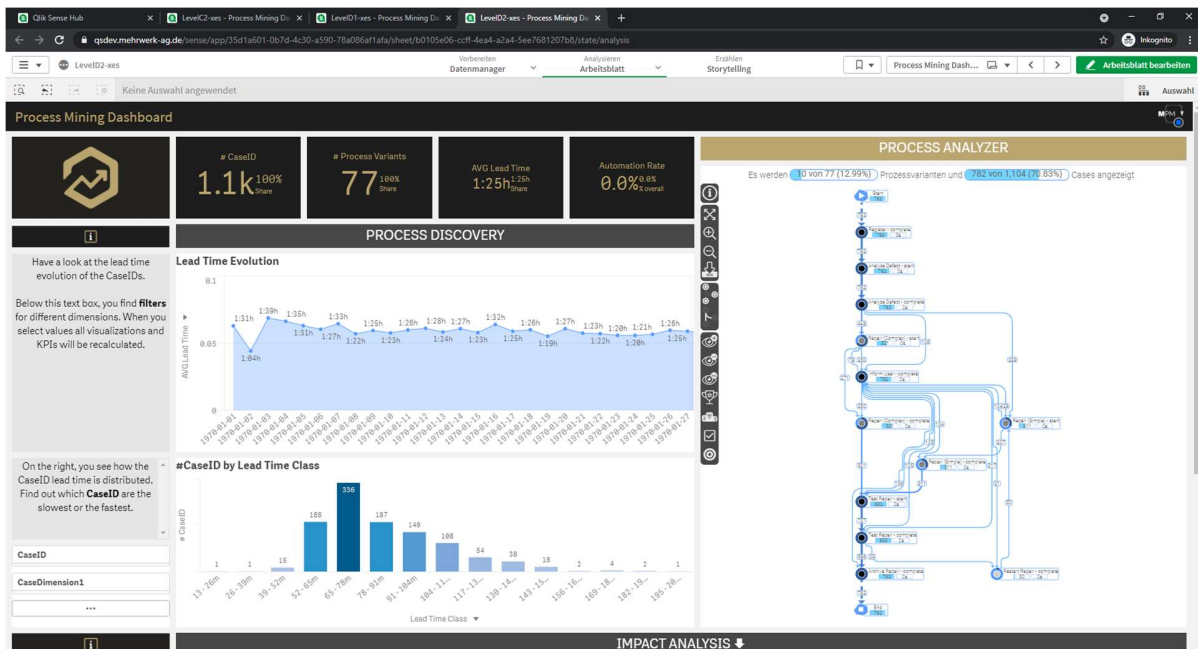
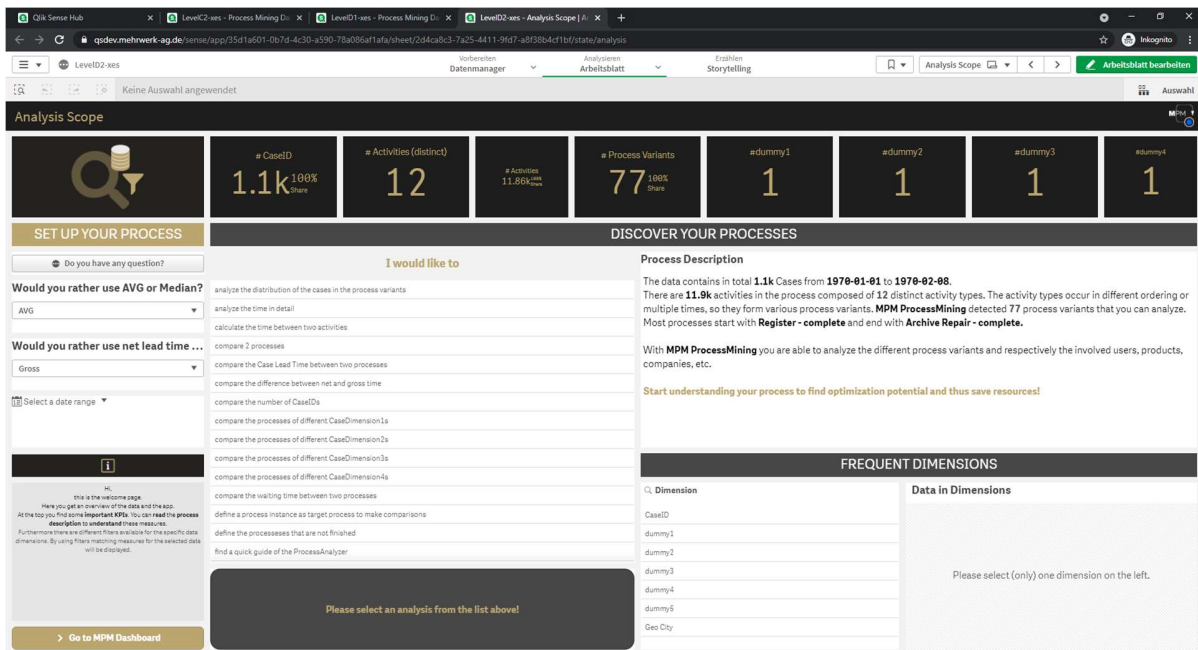
Process Log Raw Data result: all (standard) attributes contained in the log were used.

CaseID	Activity/Type	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	event.org.group	event.concept.instance	event.org.resource	event.lifecycle.transition	event.concept.name
1	Start	0	1970-01-02 11:24:45	1970-01-02 11:24:45	-	-	-	-	-
1	Register - complete	113	1970-01-02 11:24:45	1970-01-02 11:24:45	Group -	Instance 1	System	complete	Register
1	Analyze Defect - start	110	1970-01-02 11:28:03	1970-01-02 11:28:03	Groups 2 and 4	Instance 1	Tester3	start	Analyze Defect
1	Analyze Defect - complete	109	1970-01-02 11:37:53	1970-01-02 11:37:53	Groups 2 and 4	Instance 1	Tester3	complete	Analyze Defect
1	Repair (Complex) - start	120	1970-01-02 11:48:50	1970-01-02 11:48:50	Groups 1, 3, and 5	Instance 1	SolverC1	start	Repair (Complex)
1	Repair (Complex) - complete	119	1970-01-02 12:00:41	1970-01-02 12:00:41	Groups 1, 3, and 5	Instance 1	SolverC1	complete	Repair (Complex)
1	Test Repair - start	118	1970-01-02 12:03:15	1970-01-02 12:03:15	Groups 2 and 4	Instance 1	Tester3	start	Test Repair
1	Test Repair - complete	117	1970-01-02 12:11:08	1970-01-02 12:11:08	Groups 2 and 4	Instance 1	Tester3	complete	Test Repair
1	Inform User - complete	112	1970-01-02 12:28:49	1970-01-02 12:28:49	Group -	Instance 1	System	complete	Inform User
1	Archive Repair - complete	111	1970-01-02 12:31:35	1970-01-02 12:31:35	Group -	Instance 1	System	complete	Archive Repair
1	End	99999999	1970-01-02 12:31:35	1970-01-02 12:31:35	-	-	-	-	-
2	Start	0	1970-01-05 18:03:28	1970-01-05 18:03:28	-	-	-	-	-
2	Register - complete	113	1970-01-05 18:03:28	1970-01-05 18:03:28	Group -	Instance 1	System	complete	Register
2	Analyze Defect - start	110	1970-01-05 18:04:21	1970-01-05 18:04:21	Groups 2 and 4	Instance 1	Tester6	start	Analyze Defect
2	Analyze Defect - complete	109	1970-01-05 18:12:25	1970-01-05 18:12:25	Groups 2 and 4	Instance 1	Tester6	complete	Analyze Defect
2	Inform User - complete	112	1970-01-05 18:29:45	1970-01-05 18:29:45	Group -	Instance 1	System	complete	Inform User
2	Repair (Complex) - start	120	1970-01-05 18:35:56	1970-01-05 18:35:56	Groups 1, 3, and 5	Instance 1	SolverC3	start	Repair (Complex)
2	Repair (Complex) - complete	119	1970-01-05 19:25:28	1970-01-05 19:25:28	Groups 1, 3, and 5	Instance 1	SolverC3	complete	Repair (Complex)
2	Test Repair - start	118	1970-01-05 19:28:04	1970-01-05 19:28:04	Groups 2 and 4	Instance 1	Tester4	start	Test Repair
2	Test Repair - complete	117	1970-01-05 19:36:25	1970-01-05 19:36:25	Groups 2 and 4	Instance 1	Tester4	complete	Test Repair
2	Archive Repair - complete	111	1970-01-05 19:42:46	1970-01-05 19:42:46	Group -	Instance 1	System	complete	Archive Repair
2	End	99999999	1970-01-05 19:42:46	1970-01-05 19:42:46	-	-	-	-	-
3	Start	0	1970-01-07 12:41:42	1970-01-07 12:41:42	-	-	-	-	-
3	Register - complete	113	1970-01-07 12:41:42	1970-01-07 12:41:42	Group -	Instance 1	System	complete	Register
3	Analyze Defect - start	110	1970-01-07 12:44:24	1970-01-07 12:44:24	Groups 2 and 4	Instance 1	Tester3	start	Analyze Defect
3	Analyze Defect - complete	109	1970-01-07 12:56:48	1970-01-07 12:56:48	Groups 2 and 4	Instance 1	Tester3	complete	Analyze Defect
3	Repair (Simple) - start	122	1970-01-07 13:14:07	1970-01-07 13:14:07	Groups 1, 3, and 5	Instance 1	SolverS3	start	Repair (Simple)
3	Inform User - complete	112	1970-01-07 13:24:49	1970-01-07 13:24:49	Group -	Instance 1	System	complete	Inform User
3	Repair (Simple) - complete	121	1970-01-07 13:38:57	1970-01-07 13:38:57	Groups 1, 3, and 5	Instance 1	SolverS3	complete	Repair (Simple)
3	Test Repair - start	118	1970-01-07 13:32:21	1970-01-07 13:32:21	Groups 2 and 4	Instance 1	Tester2	start	Test Repair
3	Test Repair - complete	117	1970-01-07 13:40:47	1970-01-07 13:40:47	Groups 2 and 4	Instance 1	Tester2	complete	Test Repair
3	Archive Repair - complete	111	1970-01-07 13:47:14	1970-01-07 13:47:14	Group -	Instance 1	System	complete	Archive Repair
3	End	99999999	1970-01-07 13:47:14	1970-01-07 13:47:14	-	-	-	-	-

IMPORT

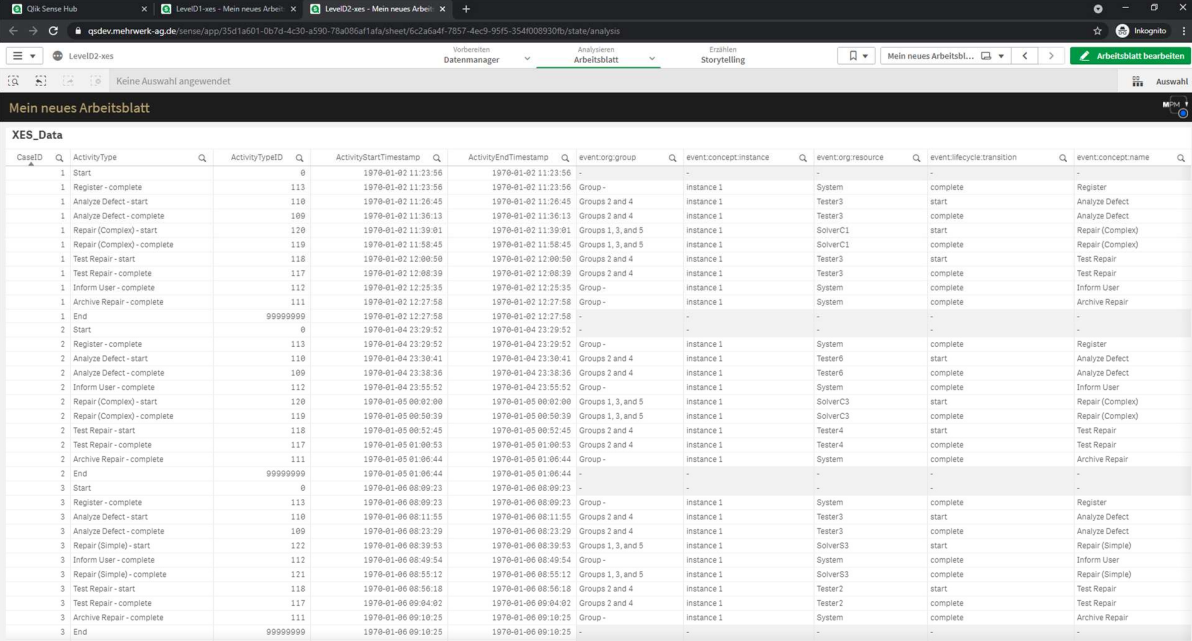
Level D2

Process Mining Dashboard result:



IMPORT

Process Log Raw Data result: classifier as “ActivityType”. Classifier and all (standard) attributes contained in the log were used.

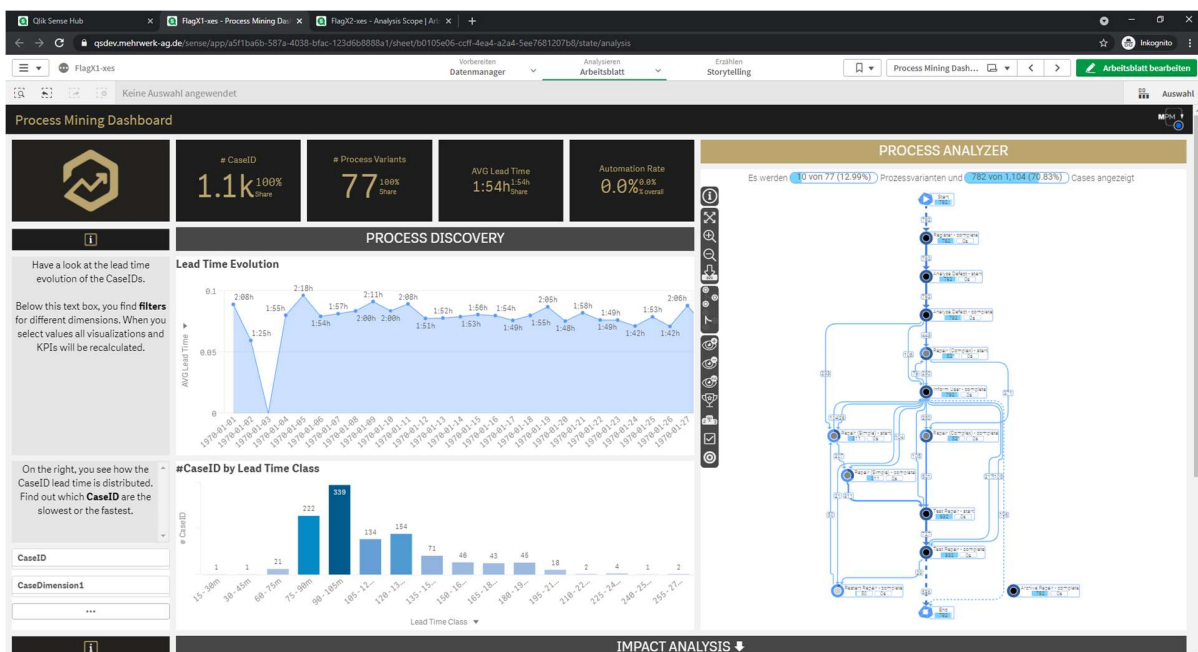
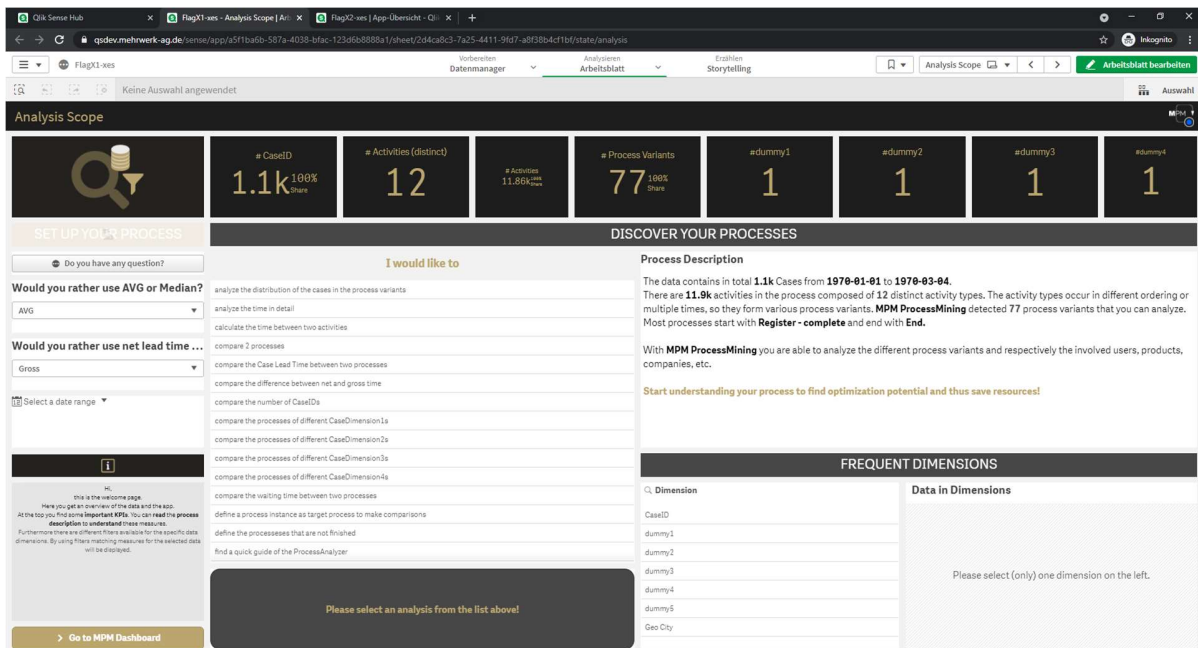


CaseID	ActivityType	ActivityTypeID	ActivityStartTime	ActivityEndTime	event.org.group	event.concept.instance	event.org.resource	event.lifecycle.transition	event.concept.name
1	Start	0	1970-01-02 11:23:56	1970-01-02 11:23:56	-	-	-	-	-
1	Register - complete	113	1970-01-02 11:23:56	1970-01-02 11:23:56	Group -	instance 1	System	complete	Register
1	Analyze Defect - start	110	1970-01-02 11:26:45	1970-01-02 11:26:45	Groups 2 and 4	instance 1	Tester3	start	Analyze Defect
1	Analyze Defect - complete	109	1970-01-02 11:36:13	1970-01-02 11:36:13	Groups 2 and 4	instance 1	Tester3	complete	Analyze Defect
1	Repair (Complex) - start	120	1970-01-02 11:39:01	1970-01-02 11:39:01	Groups 1, 3, and 5	instance 1	SolverC1	start	Repair (Complex)
1	Repair (Complex) - complete	119	1970-01-02 11:58:45	1970-01-02 11:58:45	Groups 1, 3, and 5	instance 1	SolverC1	complete	Repair (Complex)
1	Test Repair - start	118	1970-01-02 12:00:50	1970-01-02 12:00:50	Groups 2 and 4	instance 1	Tester3	start	Test Repair
1	Test Repair - complete	117	1970-01-02 12:08:39	1970-01-02 12:08:39	Groups 2 and 4	instance 1	Tester3	complete	Test Repair
1	Inform User - complete	112	1970-01-02 12:25:35	1970-01-02 12:25:35	Group -	instance 1	System	complete	Inform User
1	Archive Repair - complete	111	1970-01-02 12:27:58	1970-01-02 12:27:58	Group -	instance 1	System	complete	Archive Repair
1	End	99999999	1970-01-02 12:27:58	1970-01-02 12:27:58	-	-	-	-	-
2	Start	0	1970-01-04 23:29:52	1970-01-04 23:29:52	-	-	-	-	-
2	Register - complete	113	1970-01-04 23:29:52	1970-01-04 23:29:52	Group -	instance 1	System	complete	Register
2	Analyze Defect - start	110	1970-01-04 23:30:41	1970-01-04 23:30:41	Groups 2 and 4	instance 1	Tester6	start	Analyze Defect
2	Analyze Defect - complete	109	1970-01-04 23:38:36	1970-01-04 23:38:36	Groups 2 and 4	instance 1	Tester6	complete	Analyze Defect
2	Inform User - complete	112	1970-01-04 23:55:52	1970-01-04 23:55:52	Group -	instance 1	System	complete	Inform User
2	Repair (Complex) - start	120	1970-01-05 00:02:00	1970-01-05 00:02:00	Groups 1, 3, and 5	instance 1	SolverC3	start	Repair (Complex)
2	Repair (Complex) - complete	119	1970-01-05 00:50:39	1970-01-05 00:50:39	Groups 1, 3, and 5	instance 1	SolverC3	complete	Repair (Complex)
2	Test Repair - start	118	1970-01-05 00:52:45	1970-01-05 00:52:45	Groups 2 and 4	instance 1	Tester4	start	Test Repair
2	Test Repair - complete	117	1970-01-05 01:00:53	1970-01-05 01:00:53	Groups 2 and 4	instance 1	Tester4	complete	Test Repair
2	Archive Repair - complete	111	1970-01-05 01:06:44	1970-01-05 01:06:44	Group -	instance 1	System	complete	Archive Repair
2	End	99999999	1970-01-05 01:06:44	1970-01-05 01:06:44	-	-	-	-	-
3	Start	0	1970-01-06 08:09:23	1970-01-06 08:09:23	-	-	-	-	-
3	Register - complete	113	1970-01-06 08:09:23	1970-01-06 08:09:23	Group -	instance 1	System	complete	Register
3	Analyze Defect - start	110	1970-01-06 08:11:55	1970-01-06 08:11:55	Groups 2 and 4	instance 1	Tester3	start	Analyze Defect
3	Analyze Defect - complete	109	1970-01-06 08:23:29	1970-01-06 08:23:29	Groups 2 and 4	instance 1	Tester3	complete	Analyze Defect
3	Repair (Simple) - start	122	1970-01-06 08:39:53	1970-01-06 08:39:53	Groups 1, 3, and 5	instance 1	SolverS3	start	Repair (Simple)
3	Inform User - complete	112	1970-01-06 08:49:54	1970-01-06 08:49:54	Group -	instance 1	System	complete	Inform User
3	Repair (Simple) - complete	121	1970-01-06 08:55:12	1970-01-06 08:55:12	Groups 1, 3, and 5	instance 1	SolverS3	complete	Repair (Simple)
3	Test Repair - start	118	1970-01-06 08:56:18	1970-01-06 08:56:18	Groups 2 and 4	instance 1	Tester2	start	Test Repair
3	Test Repair - complete	117	1970-01-06 09:04:02	1970-01-06 09:04:02	Groups 2 and 4	instance 1	Tester2	complete	Test Repair
3	Archive Repair - complete	111	1970-01-06 09:10:25	1970-01-06 09:10:25	Group -	instance 1	System	complete	Archive Repair
3	End	99999999	1970-01-06 09:10:25	1970-01-06 09:10:25	-	-	-	-	-

IMPORT

Flag X1

Process Mining Dashboard result:



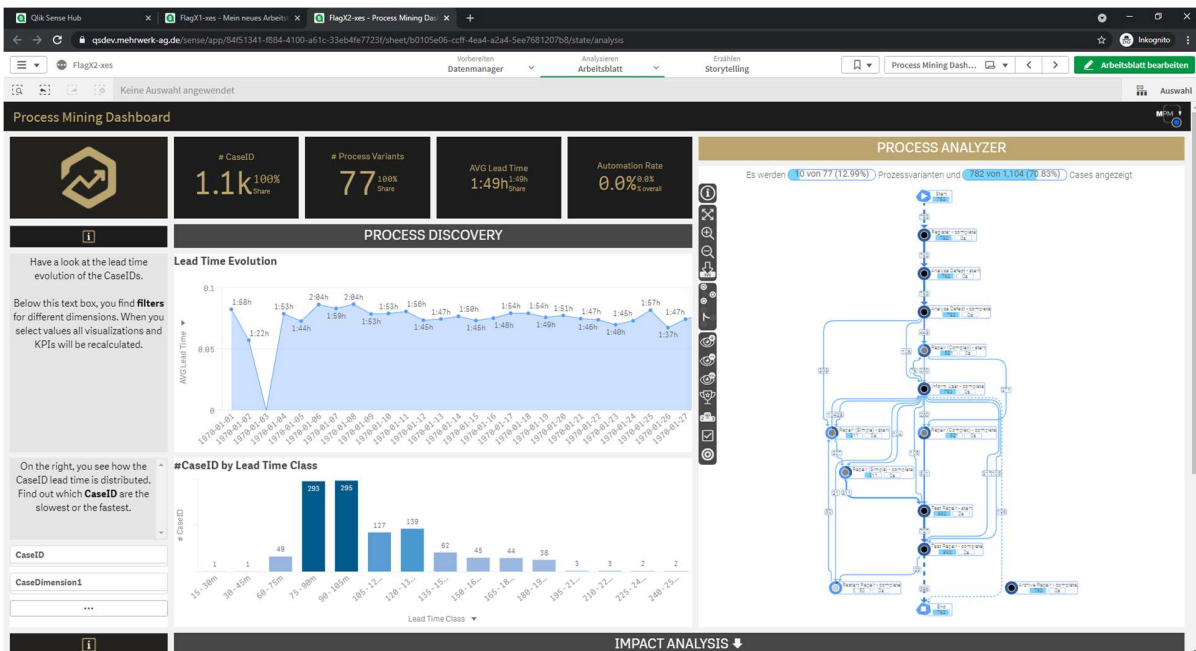
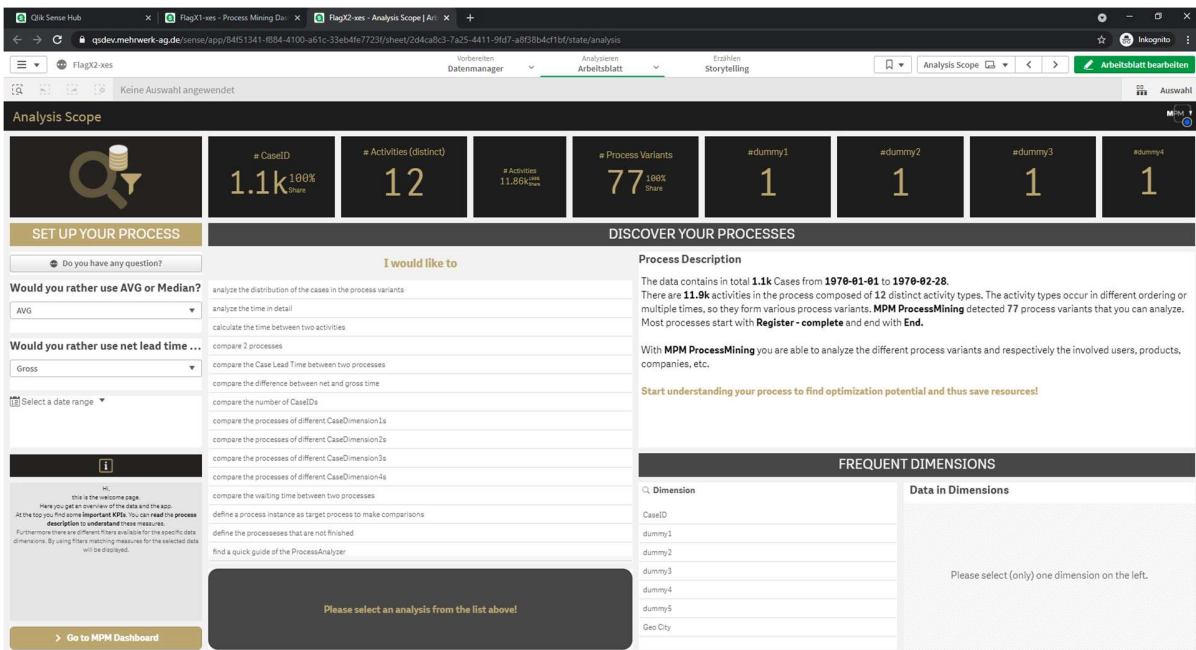
IMPORT

Process Log Raw Data result: all (non-standard) attributes contained in the log were used.

CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	event.[8.1.2] 2Sall + 1 &itx>	event.Key 6	event.Key 3	event.Key 2	event.numberRe...	event.time.st...	SortingColu...
1	Start	0	1978-01-02 11:27:05	1978-01-02 11:27:05	-	-	-	-	-	-	-
1	Register - complete	114	1978-01-02 11:27:05	1978-01-02 11:27:05	Group -	complete	System	Instance 1	1	-	-
1	Analyze Defect - start	111	1978-01-02 11:31:15	1978-01-02 11:31:15	Groups 2 and 4	start	Tester3	Instance 1	2	-	-
1	Analyze Defect - complete	110	1978-01-02 11:44:01	1978-01-02 11:44:01	Groups 2 and 4	complete	Tester3	Instance 1	3	-	-
1	Repair (Complex) - start	116	1978-01-02 11:50:10	1978-01-02 11:50:10	Groups 1, 3, and 5	start	SolverC1	Instance 1	4	-	-
1	Repair (Complex) - complete	115	1978-01-02 12:13:04	1978-01-02 12:13:04	Groups 1, 3, and 5	complete	SolverC1	Instance 1	5	-	-
1	Test Repair - start	121	1978-01-02 12:17:27	1978-01-02 12:17:27	Groups 2 and 4	start	Tester3	Instance 1	6	-	-
1	Test Repair - complete	120	1978-01-02 12:27:42	1978-01-02 12:27:42	Groups 2 and 4	complete	Tester3	Instance 1	0	-	-
1	Inform User - complete	113	1978-01-02 12:46:01	1978-01-02 12:46:01	Group -	complete	System	Instance 1	8	-	-
1	Archive Repair - complete	112	1978-01-02 12:52:52	1978-01-02 12:52:52	Group -	complete	System	Instance 1	0	-	-
1	End	99999999	1978-01-02 12:52:52	1978-01-02 12:52:52	-	-	-	-	-	-	-
2	Start	0	1978-01-09 15:56:03	1978-01-09 15:56:03	-	-	-	-	-	-	-
2	Register - complete	114	1978-01-09 15:56:03	1978-01-09 15:56:03	Group -	complete	System	Instance 1	1	-	-
2	Analyze Defect - start	111	1978-01-09 15:58:21	1978-01-09 15:58:21	Groups 2 and 4	start	Tester6	Instance 1	2	-	-
2	Analyze Defect - complete	110	1978-01-09 16:08:46	1978-01-09 16:08:46	Groups 2 and 4	complete	Tester6	Instance 1	3	-	-
2	Inform User - complete	113	1978-01-09 16:30:07	1978-01-09 16:30:07	Group -	complete	System	Instance 1	4	-	-
2	Repair (Complex) - start	116	1978-01-09 16:39:14	1978-01-09 16:39:14	Groups 1, 3, and 5	start	SolverC3	Instance 1	5	-	-
2	Repair (Complex) - complete	115	1978-01-09 17:29:57	1978-01-09 17:29:57	Groups 1, 3, and 5	complete	SolverC3	Instance 1	6	-	-
2	Test Repair - start	121	1978-01-09 17:35:43	1978-01-09 17:35:43	Groups 2 and 4	start	Tester4	Instance 1	7	-	-
2	Test Repair - complete	120	1978-01-09 17:47:18	1978-01-09 17:47:18	Groups 2 and 4	complete	Tester4	Instance 1	0	-	-
2	Archive Repair - complete	112	1978-01-09 17:56:15	1978-01-09 17:56:15	Group -	complete	System	Instance 1	0	-	-
2	End	99999999	1978-01-09 17:56:15	1978-01-09 17:56:15	-	-	-	-	-	-	-
3	Start	0	1978-01-13 12:36:59	1978-01-13 12:36:59	-	-	-	-	-	-	-
3	Register - complete	114	1978-01-13 12:36:59	1978-01-13 12:36:59	Group -	complete	System	Instance 1	1	-	-
3	Analyze Defect - start	111	1978-01-13 12:42:27	1978-01-13 12:42:27	Groups 2 and 4	start	Tester3	Instance 1	2	-	-
3	Analyze Defect - complete	110	1978-01-13 12:56:21	1978-01-13 12:56:21	Groups 2 and 4	complete	Tester3	Instance 1	2	-	-
3	Repair (Simple) - start	118	1978-01-13 13:15:17	1978-01-13 13:15:17	Groups 1, 3, and 5	start	SolverS3	Instance 1	4	-	-
3	Inform User - complete	113	1978-01-13 13:29:05	1978-01-13 13:29:05	Group -	complete	System	Instance 1	5	-	-
3	Repair (Simple) - complete	117	1978-01-13 13:38:59	1978-01-13 13:38:59	Groups 1, 3, and 5	complete	SolverS3	Instance 1	6	-	-
3	Test Repair - start	121	1978-01-13 13:42:19	1978-01-13 13:42:19	Groups 2 and 4	start	Tester2	Instance 1	7	-	-
3	Test Repair - complete	120	1978-01-13 13:53:06	1978-01-13 13:53:06	Groups 2 and 4	complete	Tester2	Instance 1	1	-	-
3	Archive Repair - complete	112	1978-01-13 14:02:34	1978-01-13 14:02:34	Group -	complete	System	Instance 1	1	-	-
3	End	99999999	1978-01-13 14:02:34	1978-01-13 14:02:34	-	-	-	-	-	-	-

IMPORT

Process Mining Dashboard result:

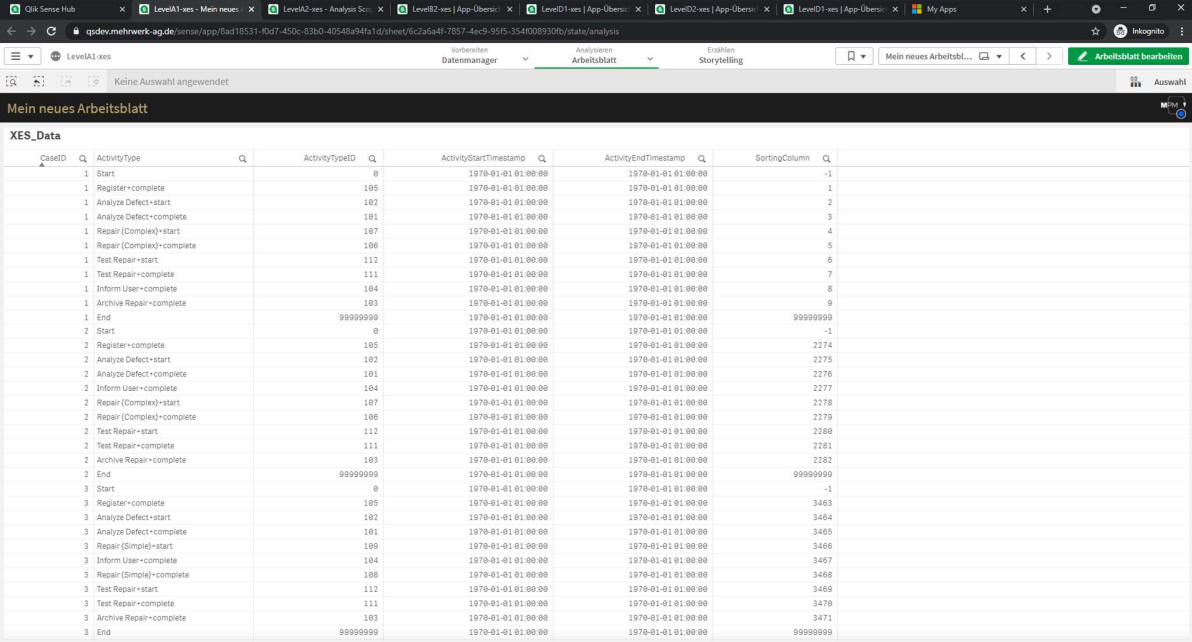


EXPORT

Export

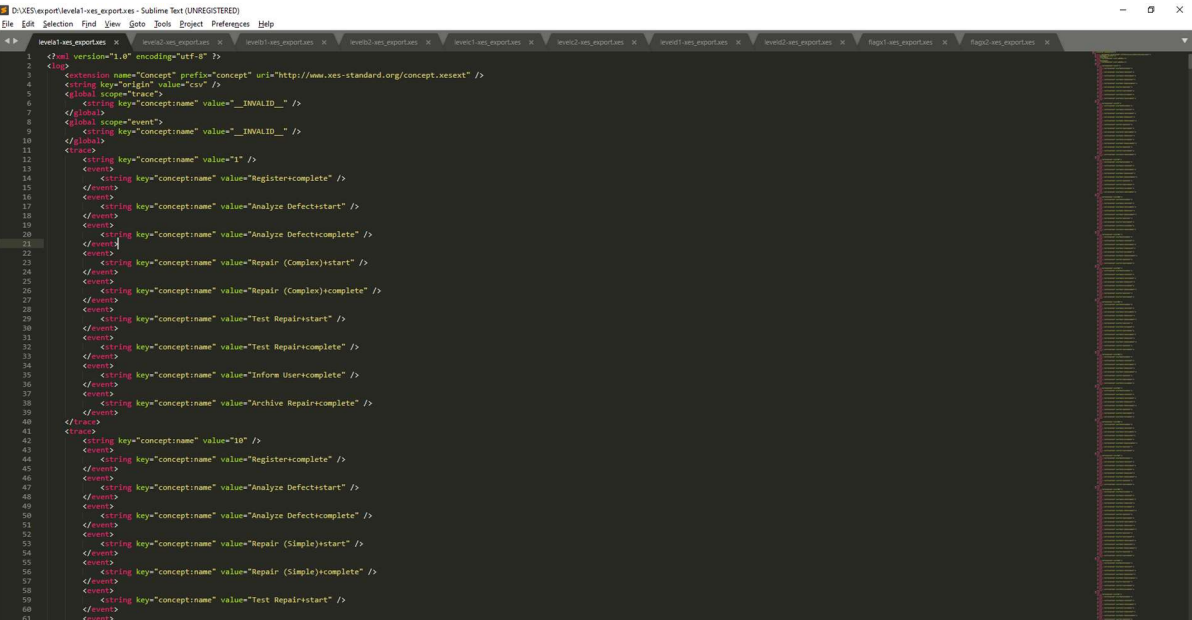
Level A1

Set variable exportxtes to 1, choose output filepath and click “Load data”. XES_Data as stored by the tool:



CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	SortingColumn
1	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1
1	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	1
1	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2
1	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3
1	Repair (Complex)+start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	4
1	Repair (Complex)+complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	5
1	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	6
1	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	7
1	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	8
1	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	9
1	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999
2	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1
2	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	2274
2	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2275
2	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	2276
2	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	2277
2	Repair (Complex)+start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	2278
2	Repair (Complex)+complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	2279
2	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	2280
2	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	2281
2	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	2282
2	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999
3	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1
3	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	3463
3	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	3464
3	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3465
3	Repair (Simple)+start	109	1970-01-01 01:00:00	1970-01-01 01:00:00	3466
3	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	3467
3	Repair (Simple)+complete	108	1970-01-01 01:00:00	1970-01-01 01:00:00	3468
3	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	3469
3	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	3470
3	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	3471
3	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999

XES Export: the concept:name attributes as contained in the log match the current data as stored by the tool

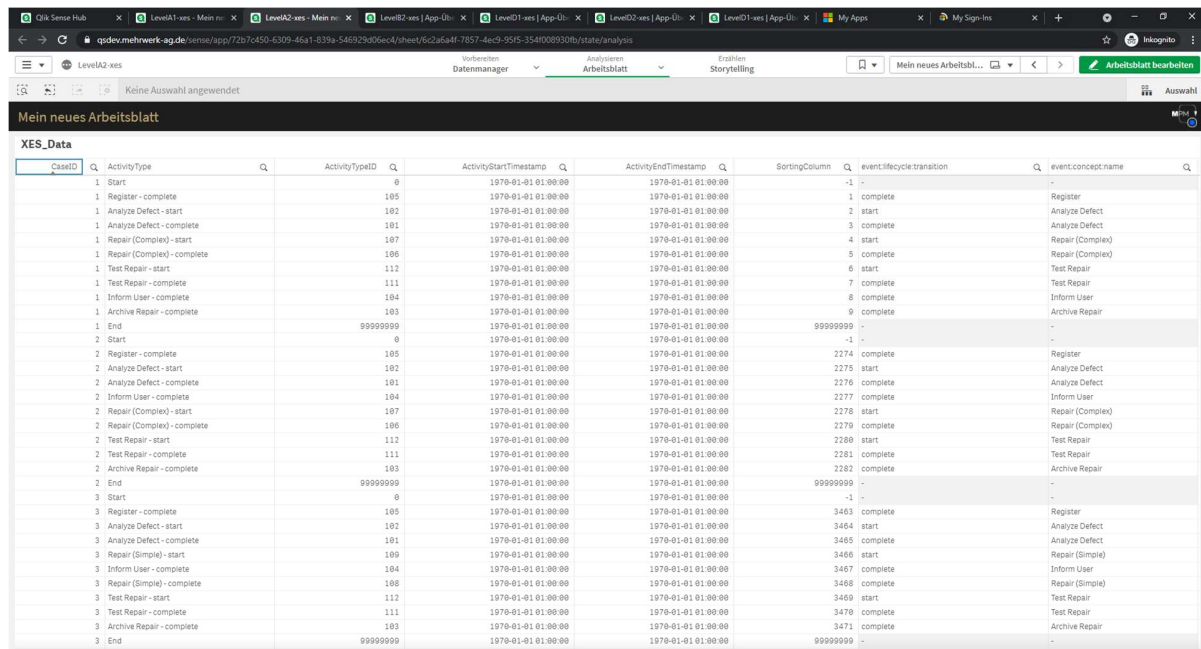


```
<?xml version="1.0" encoding="utf-8" ?>
<log>
  <extension base="http://www.xes-standard.org/concept.xesext" />
  <string key="origin" value="x" />
  <global scope="trace">
    <string key="concept:name" value="_INVALID_" />
  </global>
  <global scope="event">
    <string key="concept:name" value="_INVALID_" />
  </global>
  <event>
    <string key="concept:name" value="1" />
    <string key="concept:name" value="Register+complete" />
  </event>
  <event>
    <string key="concept:name" value="Analyze Defect+start" />
  </event>
  <event>
    <string key="concept:name" value="Analyze Defect+complete" />
  </event>
  <event>
    <string key="concept:name" value="Repair (Complex)+start" />
  </event>
  <event>
    <string key="concept:name" value="Repair (Complex)+complete" />
  </event>
  <event>
    <string key="concept:name" value="Test Repair+start" />
  </event>
  <event>
    <string key="concept:name" value="Test Repair+complete" />
  </event>
  <event>
    <string key="concept:name" value="Inform User+complete" />
  </event>
  <event>
    <string key="concept:name" value="Archive Repair+complete" />
  </event>
  </log>
  <trace>
    <string key="concept:name" value="10" />
    <event>
      <string key="concept:name" value="Register+complete" />
    </event>
    <event>
      <string key="concept:name" value="Analyze Defect+start" />
    </event>
    <event>
      <string key="concept:name" value="Analyze Defect+complete" />
    </event>
    <event>
      <string key="concept:name" value="Repair (Simple)+start" />
    </event>
    <event>
      <string key="concept:name" value="Repair (Simple)+complete" />
    </event>
    <event>
      <string key="concept:name" value="Test Repair+start" />
    </event>
  </trace>
</log>
```

EXPORT

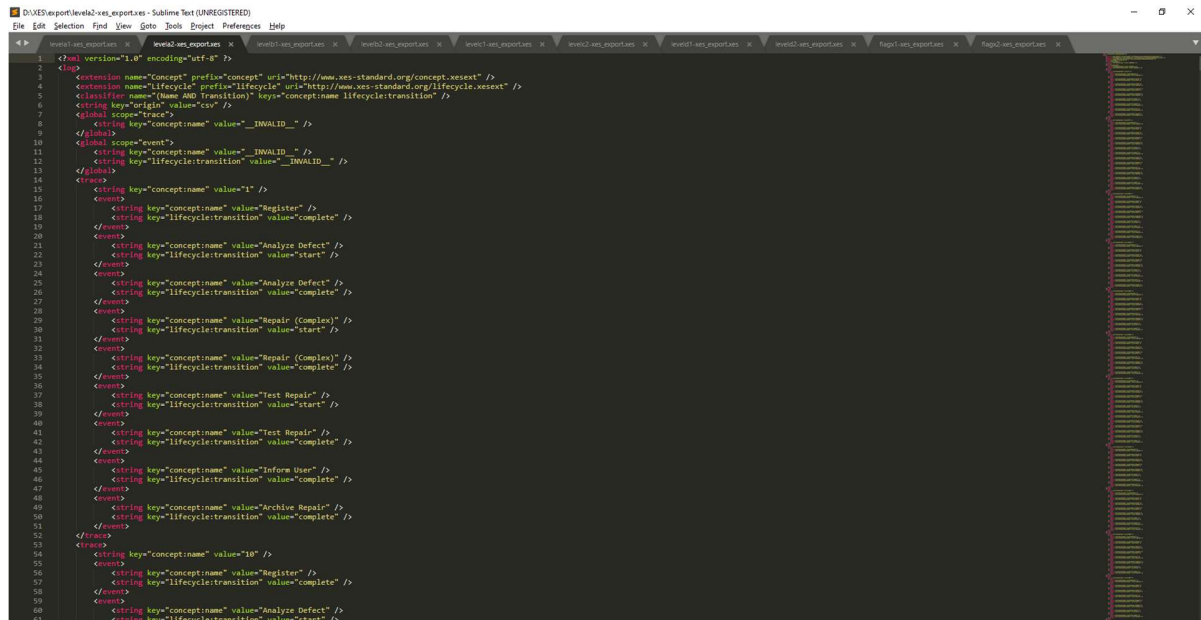
Level A2

XES_Data as stored by the tool:



CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	SortingColumn	event:lifecycle:transition	event:concept:name
1	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-	-
1	Register - complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	1	complete	Register
1	Analyze Defect - start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2	start	Analyze Defect
1	Analyze Defect - complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3	complete	Analyze Defect
1	Repair (Complex) - start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	4	start	Repair (Complex)
1	Repair (Complex) - complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	5	complete	Repair (Complex)
1	Test Repair - start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	6	start	Test Repair
1	Test Repair - complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	7	complete	Test Repair
1	Inform User - complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	8	complete	Inform User
1	Archive Repair - complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	9	complete	Archive Repair
1	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-	-
2	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-	-
2	Register - complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	2274	complete	Register
2	Analyze Defect - start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2275	start	Analyze Defect
2	Analyze Defect - complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	2276	complete	Analyze Defect
2	Inform User - complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	2277	complete	Inform User
2	Repair (Complex) - start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	2278	start	Repair (Complex)
2	Repair (Complex) - complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	2279	complete	Repair (Complex)
2	Test Repair - start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	2280	start	Test Repair
2	Test Repair - complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	2281	complete	Test Repair
2	Archive Repair - complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	2282	complete	Archive Repair
2	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-	-
3	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-	-
3	Register - complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	3463	complete	Register
3	Analyze Defect - start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	3464	start	Analyze Defect
3	Analyze Defect - complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3465	complete	Analyze Defect
3	Repair (Simple) - start	109	1970-01-01 01:00:00	1970-01-01 01:00:00	3466	start	Repair (Simple)
3	Inform User - complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	3467	complete	Inform User
3	Repair (Simple) - complete	108	1970-01-01 01:00:00	1970-01-01 01:00:00	3468	complete	Repair (Simple)
3	Test Repair - start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	3469	start	Test Repair
3	Test Repair - complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	3470	complete	Test Repair
3	Archive Repair - complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	3471	complete	Archive Repair
3	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-	-

XES Export: the classifier as contained in the log matches the current data as stored by the tool



```
<?xml version="1.0" encoding="utf-8" ?>
<!--
  <extension name="Concept" prefix="concept" uri="http://www.xes-standard.org/concept.xesext" />
  <extension name="Lifecycle" prefix="lifecycle" uri="http://www.xes-standard.org/lifecycle.xesext" />
  <classification name="(Name AND Transition)" key="concept:name lifecycle:transition" />
  <string key="origin" value="csv" />
  <global name="Trace" />
  <string key="concept:name" value="__INVALID__" />
  </global>
  <global scope="event">
    <string key="concept:name" value="__INVALID__" />
    <string key="lifecycle:transition" value="__INVALID__" />
  </global>
  <trace>
    <string key="concept:name" value="I" />
    <event>
      <string key="concept:name" value="Register" />
      <string key="lifecycle:transition" value="complete" />
    </event>
    <event>
      <string key="concept:name" value="Analyze Defect" />
      <string key="lifecycle:transition" value="start" />
    </event>
    <event>
      <string key="concept:name" value="Analyze Defect" />
      <string key="lifecycle:transition" value="complete" />
    </event>
    <event>
      <string key="concept:name" value="Repair (Complex)" />
      <string key="lifecycle:transition" value="start" />
    </event>
    <event>
      <string key="concept:name" value="Repair (Complex)" />
      <string key="lifecycle:transition" value="complete" />
    </event>
    <event>
      <string key="concept:name" value="Test Repair" />
      <string key="lifecycle:transition" value="start" />
    </event>
    <event>
      <string key="concept:name" value="Test Repair" />
      <string key="lifecycle:transition" value="complete" />
    </event>
    <event>
      <string key="concept:name" value="Inform User" />
      <string key="lifecycle:transition" value="complete" />
    </event>
    <event>
      <string key="concept:name" value="Archive Repair" />
      <string key="lifecycle:transition" value="complete" />
    </event>
  </trace>
  <trace>
    <string key="concept:name" value="ID" />
    <event>
      <string key="concept:name" value="Register" />
      <string key="lifecycle:transition" value="complete" />
    </event>
    <event>
      <string key="concept:name" value="Analyze Defect" />
      <string key="lifecycle:transition" value="start" />
    </event>
  </trace>
-->
```

EXPORT

Level B1

XES_Data as stored by the tool:

Screenshot of SAP S/4HANA Cloud showing the "Mein neues Arbeitsblatt" (My new worksheet) interface. The top navigation bar includes tabs like "Datenmanager", "Arbeitsblatt", and "Erzählen Storytelling". Below the header, there's a search bar and a filter dropdown set to "Keine Auswahl angewendet".

The main area displays a table titled "XES_Data" under the "CASIO" selection. The table has columns for ActivityTypeID, ActivityStartTimestamp, ActivityEndTimestamp, event.concept.name, and event.lifecycle.transition. It lists various repair activities such as "Register - complete", "Analyze Defect - start", "Repair (Simple)", "Repair (Complex)", "Test Repair", "Inform User", and "Archive Repair", each associated with specific timestamps.

	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	event.concept.name	event.lifecycle.transition
1	Start	-	-	-	-
1	Register - complete	1978-01-02 11:29:02	1978-01-02 11:29:02	Register	complete
1	Analyze Defect - start	1978-01-02 11:28:44	1978-01-02 11:28:44	Analyze Defect	start
1	Analyze Defect - complete	1978-01-02 11:39:23	1978-01-02 11:39:23	Analyze Defect	complete
1	Repair (Complex) - start	1978-01-02 11:43:31	1978-01-02 11:43:31	Repair (Complex)	start
1	Repair (Complex) - complete	1978-01-02 12:04:17	1978-01-02 12:04:17	Repair (Complex)	complete
1	Test Repair - start	1978-01-02 12:07:32	1978-01-02 12:07:32	Test Repair	start
1	Test Repair - complete	1978-01-02 12:15:39	1978-01-02 12:15:39	Test Repair	complete
1	Inform User - complete	1978-01-02 12:34:25	1978-01-02 12:34:25	Inform User	complete
1	Archive Repair - complete	1978-01-02 12:38:19	1978-01-02 12:38:19	Archive Repair	complete
1	End	1978-01-02 12:38:19	1978-01-02 12:38:19	-	-
2	Start	-	-	-	-
2	Register - complete	1978-01-07 07:38:11	1978-01-07 07:38:11	Register	complete
2	Analyze Defect - start	1978-01-07 07:39:55	1978-01-07 07:39:55	Analyze Defect	start
2	Analyze Defect - complete	1978-01-07 07:48:42	1978-01-07 07:48:42	Analyze Defect	complete
2	Inform User - complete	1978-01-07 08:07:45	1978-01-07 08:07:45	Inform User	complete
2	Repair (Complex) - start	1978-01-07 08:14:51	1978-01-07 08:14:51	Repair (Complex)	start
2	Repair (Complex) - complete	1978-01-07 09:09:25	1978-01-07 09:09:25	Repair (Complex)	complete
2	Test Repair - start	1978-01-07 09:09:08	1978-01-07 09:09:08	Test Repair	start
2	Test Repair - complete	1978-01-07 09:18:37	1978-01-07 09:18:37	Test Repair	complete
2	Archive Repair - complete	1978-01-07 09:25:41	1978-01-07 09:25:41	Archive Repair	complete
2	End	1978-01-07 09:25:41	1978-01-07 09:25:41	-	-
3	Start	-	-	-	-
3	Register - complete	1978-01-09 22:14:19	1978-01-09 22:14:19	Register	complete
3	Analyze Defect - start	1978-01-09 22:18:20	1978-01-09 22:18:20	Analyze Defect	start
3	Analyze Defect - complete	1978-01-09 22:39:52	1978-01-09 22:39:52	Analyze Defect	complete
3	Repair (Simple) - start	1978-01-09 22:48:35	1978-01-09 22:48:35	Repair (Simple)	start
3	Inform User - complete	1978-01-09 23:08:50	1978-01-09 23:08:50	Inform User	complete
3	Repair (Simple) - complete	1978-01-09 23:08:50	1978-01-09 23:08:50	Repair (Simple)	complete
3	Test Repair - start	1978-01-09 23:11:15	1978-01-09 23:11:15	Test Repair	start
3	Test Repair - complete	1978-01-09 23:21:05	1978-01-09 23:21:05	Test Repair	complete
3	Archive Repair - complete	1978-01-09 23:28:17	1978-01-09 23:28:17	Archive Repair	complete
3	End	1978-01-09 23:28:17	1978-01-09 23:28:17	-	-

XES Export: the concept:name, lifecycle:transition, and time:timestamp attributes as contained in the log match the current data as stored by the tool

```

1  <?xml version="1.0" encoding="utf-8" ?>
2  <!DOCTYPE ses_report [
3    <extension base="http://www.xes-standard.org/lifecycle.xesext" />
4    <extension name="time" prefix="time" uri="http://www.xes-standard.org/time.xesext" />
5    <extension name="concept" prefix="concept" uri="http://www.xes-standard.org/concept.xesext" />
6    <classifier name="(Name And Transition)" keys="concept:name lifecycle:transition" />
7    <string key="global" value="Cv" />
8    <global scope="trace" />
9    <string key="concept:name" value="__INVALID__" />
10  </global>
11  <global scope="event">
12    <string key="concept:name" value="__INVALID__" />
13    <string key="lifecycle:transition" value="__INVALID__" />
14    <date key="time:timestamp" value="1970-01-02T11:23:02+00:00" />
15  </global>
16  <event>
17    <string key="concept:name" value="I" />
18    <event>
19      <string key="concept:name" value="Register" />
20      <string key="lifecycle:transition" value="complete" />
21      <date key="time:timestamp" value="1970-01-02T11:23:02+00:00" />
22    </event>
23    <event>
24      <string key="concept:name" value="Analyze Defect" />
25      <string key="lifecycle:transition" value="start" />
26      <date key="time:timestamp" value="1970-01-02T11:28:44+00:00" />
27    </event>
28    <event>
29      <string key="concept:name" value="Analyze Defect" />
30      <string key="lifecycle:transition" value="complete" />
31      <date key="time:timestamp" value="1970-01-02T11:39:23+00:00" />
32    </event>
33    <event>
34      <string key="concept:name" value="Repair (Complex)" />
35      <string key="lifecycle:transition" value="start" />
36      <date key="time:timestamp" value="1970-01-02T11:43:31+00:00" />
37    </event>
38    <event>
39      <string key="concept:name" value="Repair (Complex)" />
40      <string key="lifecycle:transition" value="complete" />
41      <date key="time:timestamp" value="1970-01-02T12:04:17+00:00" />
42    </event>
43    <event>
44      <string key="concept:name" value="Test Repair" />
45      <string key="lifecycle:transition" value="start" />
46      <date key="time:timestamp" value="1970-01-02T12:07:32+00:00" />
47    </event>
48    <event>
49      <string key="concept:name" value="Test Repair" />
50      <string key="lifecycle:transition" value="complete" />
51      <date key="time:timestamp" value="1970-01-02T12:15:39+00:00" />
52    </event>
53    <event>
54      <string key="concept:name" value="Inform User" />
55      <string key="lifecycle:transition" value="complete" />
56      <date key="time:timestamp" value="1970-01-02T12:34:25+00:00" />
57    </event>
58    <event>
59      <string key="concept:name" value="Archive Repair" />
60      <string key="lifecycle:transition" value="complete" />
61      <date key="time:timestamp" value="1970-01-02T12:35:00+00:00" />
62    </event>
63  </event>
64  </ses_report>

```

EXPORT

Level B2

XES_Data as stored by the tool:

The screenshot shows a Microsoft Edge browser window with multiple tabs open. The active tab is titled 'qdev.mehrwirk-ag.de/enne/app/da296d67-7129-43a1-8ec3-6a37d6680935/sheet/6c2afa4f-7857-4ec9-9055-354008930fb0/state/analysis'. The browser address bar shows the URL. The page content displays a Power BI report titled 'Mein neues Arbeitsblatt'. The report shows a table of activity data. The table has columns: CaseID, ActivityTypeID, ActivityType, ActivityStartTimeStamp, ActivityEndTimeStamp, event.concept.name, and event.lifecycle.transition. The data is filtered by 'Mein neues Arbeitsblatt...' and shows a list of activities categorized by CaseID (1, 2, 3) and ActivityType (0, 105, 101, 107, 106, 112, 104, 108, 99999999). The table is sorted by ActivityStartTimeStamp.

CaseID	ActivityTypeID	ActivityType	ActivityStartTimeStamp	ActivityEndTimeStamp	event.concept.name	event.lifecycle.transition
1	0	Start	1970-01-02 11:24:57	1970-01-02 11:24:57	-	-
1	105	Register - complete	1970-01-02 11:24:57	1970-01-02 11:24:57	Register	complete
1	101	Analyze Defect - start	1970-01-02 11:28:23	1970-01-02 11:28:23	Analyze Defect	start
1	101	Analyze Defect - complete	1970-01-02 11:38:16	1970-01-02 11:38:16	Analyze Defect	complete
1	107	Repair (Complex) - start	1970-01-02 11:41:37	1970-01-02 11:41:37	Repair (Complex)	start
1	106	Repair (Complex) - complete	1970-01-02 12:01:52	1970-01-02 12:01:52	Repair (Complex)	complete
1	112	Test Repair - start	1970-01-02 12:04:44	1970-01-02 12:04:44	Test Repair	start
1	112	Test Repair - complete	1970-01-02 12:12:38	1970-01-02 12:12:38	Test Repair	complete
1	104	Inform User - complete	1970-01-02 12:31:08	1970-01-02 12:31:08	Inform User	complete
1	108	Archive Repair - complete	1970-01-02 12:34:25	1970-01-02 12:34:25	Archive Repair	complete
1	99999999	End	1970-01-02 12:34:25	1970-01-02 12:34:25	-	-
2	0	Start	1970-01-06 12:49:24	1970-01-06 12:49:24	-	-
2	105	Register - complete	1970-01-06 12:49:24	1970-01-06 12:49:24	Register	complete
2	101	Analyze Defect - start	1970-01-06 12:50:28	1970-01-06 12:50:28	Analyze Defect	start
2	101	Analyze Defect - complete	1970-01-06 12:50:14	1970-01-06 12:50:14	Analyze Defect	complete
2	104	Inform User - complete	1970-01-06 13:17:22	1970-01-06 13:17:22	Inform User	complete
2	107	Repair (Complex) - start	1970-01-06 13:24:05	1970-01-06 13:24:05	Repair (Complex)	start
2	106	Repair (Complex) - complete	1970-01-06 14:14:07	1970-01-06 14:14:07	Repair (Complex)	complete
2	112	Test Repair - start	1970-01-06 14:17:05	1970-01-06 14:17:05	Test Repair	start
2	111	Test Repair - complete	1970-01-06 14:25:37	1970-01-06 14:25:37	Test Repair	complete
2	103	Archive Repair - complete	1970-01-06 14:32:19	1970-01-06 14:32:19	Archive Repair	complete
2	99999999	End	1970-01-06 14:32:19	1970-01-06 14:32:19	-	-
3	0	Start	1970-01-08 17:18:27	1970-01-08 17:18:27	-	-
3	105	Register - complete	1970-01-08 17:18:27	1970-01-08 17:18:27	Register	complete
3	101	Analyze Defect - start	1970-01-08 17:21:42	1970-01-08 17:21:42	Analyze Defect	start
3	101	Analyze Defect - complete	1970-01-08 17:34:12	1970-01-08 17:34:12	Analyze Defect	complete
3	108	Repair (Simple) - start	1970-01-08 17:51:49	1970-01-08 17:51:49	Repair (Simple)	start
3	104	Inform User - complete	1970-01-08 18:03:26	1970-01-08 18:03:26	Inform User	complete
3	106	Repair (Simple) - complete	1970-01-08 18:10:27	1970-01-08 18:10:27	Repair (Simple)	complete
3	112	Test Repair - start	1970-01-08 18:12:21	1970-01-08 18:12:21	Test Repair	start
3	111	Test Repair - complete	1970-01-08 18:21:14	1970-01-08 18:21:14	Test Repair	complete
3	103	Archive Repair - complete	1970-01-08 18:28:14	1970-01-08 18:28:14	Archive Repair	complete
3	99999999	End	1970-01-08 18:28:14	1970-01-08 18:28:14	-	-

XES Export: that the classifier and the (lifecycle:transition and) time:timestamp attributes as contained in the log matches the current data as stored by the tool

```

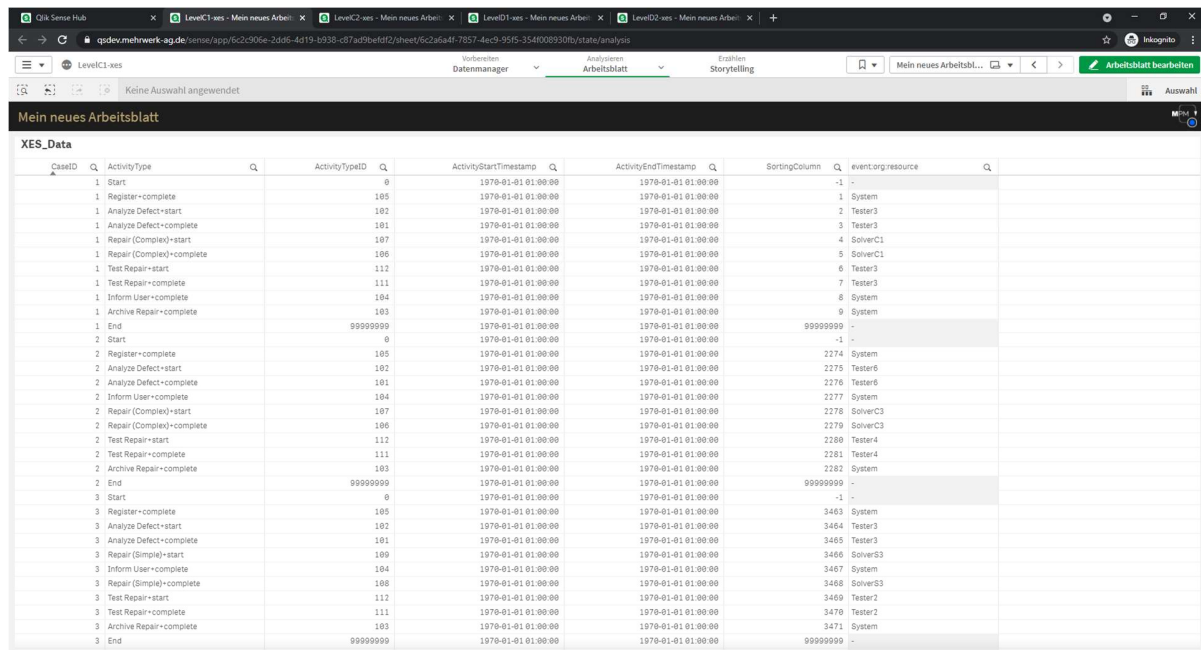
1 |<?xml version="1.0" encoding="utf-8" ?>
2 |<!--
3 |<extension name="lifecycle" prefix="lifecycle" uri="http://www.xes-standard.org/lifecycle.xesext" />
4 |<extension name="time" prefix="time" uri="http://www.xes-standard.org/time.xesext" />
5 |<extension name="concept" prefix="concept" uri="http://www.xes-standard.org/concept.xesext" />
6 |<classifier name="(Name And Transition)" keys="conceptname lifecycletransition" />
7 |<string key="className" value="Csc" />
8 |<global scope="trace" />
9 |<string key="conceptname" value="__DINAILD__" />
10 |</global>
11 |<global scope="event" />
12 |<string key="conceptname" value="__DINAILD__" />
13 |<string key="lifecycletransition" value="__DINAILD__" />
14 |<date key="time:timestamp" value="1970-01-02T11:24:57+00:00" />
15 |</global>
16 |<event>
17 |<string key="conceptname" value="I" />
18 |<event>
19 |<string key="conceptname" value="Register" />
20 |<string key="lifecycletransition" value="complete" />
21 |<date key="time:timestamp" value="1970-01-02T11:24:57+00:00" />
22 |</event>
23 |<event>
24 |<string key="conceptname" value="Analyze Defect" />
25 |<string key="lifecycletransition" value="start" />
26 |<date key="time:timestamp" value="1970-01-02T11:25:23+00:00" />
27 |</event>
28 |<event>
29 |<string key="conceptname" value="Analyze Defect" />
30 |<string key="lifecycletransition" value="complete" />
31 |<date key="time:timestamp" value="1970-01-02T11:38:16+00:00" />
32 |</event>
33 |<event>
34 |<string key="conceptname" value="Repair (Complex)" />
35 |<string key="lifecycletransition" value="start" />
36 |<date key="time:timestamp" value="1970-01-02T11:41:37+00:00" />
37 |</event>
38 |<event>
39 |<string key="conceptname" value="Repair (Complex)" />
40 |<string key="lifecycletransition" value="complete" />
41 |<date key="time:timestamp" value="1970-01-02T12:01:52+00:00" />
42 |</event>
43 |<event>
44 |<string key="conceptname" value="Test Repair" />
45 |<string key="lifecycletransition" value="start" />
46 |<date key="time:timestamp" value="1970-01-02T12:04:44+00:00" />
47 |</event>
48 |<event>
49 |<string key="conceptname" value="Test Repair" />
50 |<string key="lifecycletransition" value="complete" />
51 |<date key="time:timestamp" value="1970-01-02T12:12:36+00:00" />
52 |</event>
53 |<event>
54 |<string key="conceptname" value="Inform User" />
55 |<string key="lifecycletransition" value="complete" />
56 |<date key="time:timestamp" value="1970-01-02T12:31:00+00:00" />
57 |</event>
58 |<event>
59 |<string key="conceptname" value="Archive Repair" />
60 |<string key="lifecycletransition" value="complete" />
61 |<date key="time:timestamp" value="1970-01-02T12:34:25+00:00" />
62 |</event>
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310 |</event>

```

EXPORT

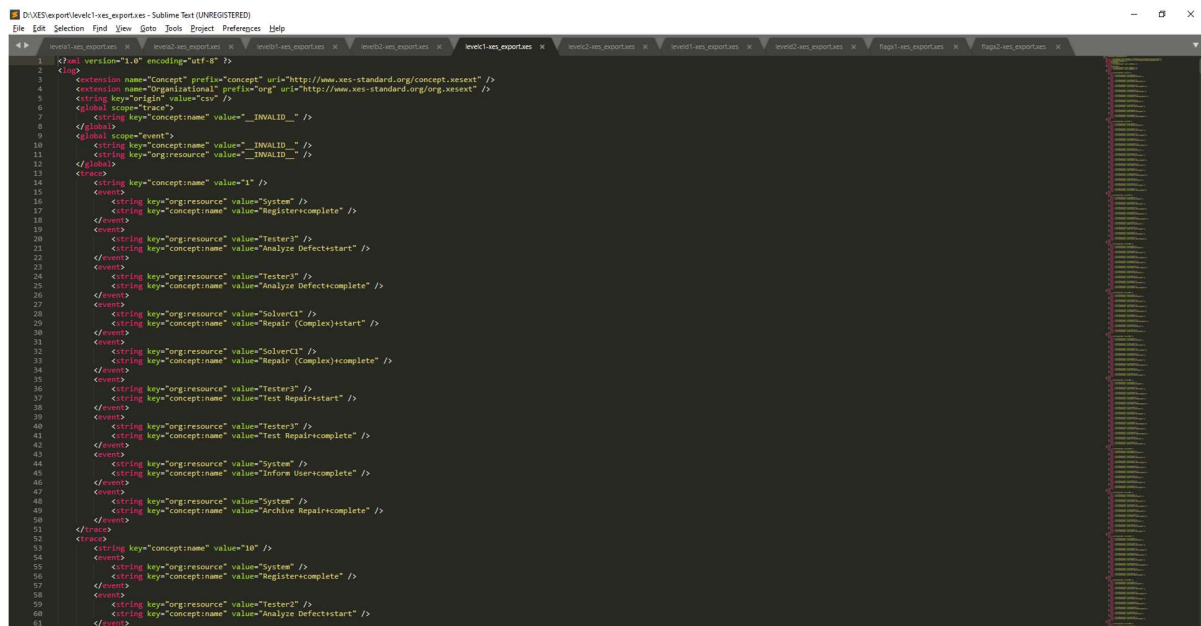
Level C1

XES_Data as stored by the tool:



CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	SortingColumn	event.org.resource
1	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-
1	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	1	System
1	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2	Tester3
1	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3	Tester3
1	Repair (Complex)+start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	4	SolverC1
1	Repair (Complex)+complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	5	SolverC1
1	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	6	Tester3
1	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	7	Tester3
1	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	8	System
1	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	9	System
1	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-
2	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-
2	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	2274	System
2	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	2275	Tester3
2	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	2276	Tester3
2	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	2277	System
2	Repair (Complex)+start	107	1970-01-01 01:00:00	1970-01-01 01:00:00	2278	SolverC3
2	Repair (Complex)+complete	106	1970-01-01 01:00:00	1970-01-01 01:00:00	2279	SolverC3
2	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	2280	Tester4
2	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	2281	Tester4
2	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	2282	System
2	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-
3	Start	0	1970-01-01 01:00:00	1970-01-01 01:00:00	-1	-
3	Register+complete	105	1970-01-01 01:00:00	1970-01-01 01:00:00	3463	System
3	Analyze Defect+start	102	1970-01-01 01:00:00	1970-01-01 01:00:00	3464	Tester3
3	Analyze Defect+complete	101	1970-01-01 01:00:00	1970-01-01 01:00:00	3465	Tester3
3	Repair (Simple)+start	109	1970-01-01 01:00:00	1970-01-01 01:00:00	3466	SolverG3
3	Inform User+complete	104	1970-01-01 01:00:00	1970-01-01 01:00:00	3467	System
3	Repair (Simple)+complete	108	1970-01-01 01:00:00	1970-01-01 01:00:00	3468	SolverG3
3	Test Repair+start	112	1970-01-01 01:00:00	1970-01-01 01:00:00	3469	Tester2
3	Test Repair+complete	111	1970-01-01 01:00:00	1970-01-01 01:00:00	3470	Tester2
3	Archive Repair+complete	103	1970-01-01 01:00:00	1970-01-01 01:00:00	3471	System
3	End	99999999	1970-01-01 01:00:00	1970-01-01 01:00:00	99999999	-

XES Export: the concept:name and org:resource attributes as contained in the log match the current data as stored by the tool



```
<?xml version="1.0" encoding="utf-8" ?>
<log>
  <extension name="Concept" prefix="concept" uri="http://www.xes-standard.org/concept.xesext" />
  <extension name="Organizational" prefix="org" uri="http://www.xes-standard.org/org.xesext" />
  <string key="origin" value="csv" />
  <global scope="Trace">
    <string key="concept:name" value="_INVALID_" />
  </global>
  <global scope="event">
    <string key="concept:name" value="_INVALID_" />
    <string key="org:resource" value="_INVALID_" />
  </global>
  <trace>
    <string key="concept:name" value="1" />
    <event>
      <string key="org:resource" value="System" />
      <string key="concept:name" value="Register+complete" />
    </event>
    <event>
      <string key="org:resource" value="Tester3" />
      <string key="concept:name" value="Analyze Defect+start" />
    </event>
    <event>
      <string key="org:resource" value="Tester3" />
      <string key="concept:name" value="Analyze Defect+complete" />
    </event>
    <event>
      <string key="org:resource" value="SolverC1" />
      <string key="concept:name" value="Repair (Complex)+start" />
    </event>
    <event>
      <string key="org:resource" value="SolverC1" />
      <string key="concept:name" value="Repair (Complex)+complete" />
    </event>
    <event>
      <string key="org:resource" value="Tester3" />
      <string key="concept:name" value="Test Repair+start" />
    </event>
    <event>
      <string key="org:resource" value="Tester3" />
      <string key="concept:name" value="Test Repair+complete" />
    </event>
    <event>
      <string key="org:resource" value="System" />
      <string key="concept:name" value="Inform User+complete" />
    </event>
    <event>
      <string key="org:resource" value="System" />
      <string key="concept:name" value="Archive Repair+complete" />
    </event>
  </trace>
  <trace>
    <string key="concept:name" value="10" />
    <event>
      <string key="org:resource" value="System" />
      <string key="concept:name" value="Register+complete" />
    </event>
    <event>
      <string key="org:resource" value="Tester2" />
      <string key="concept:name" value="Analyze Defect+start" />
    </event>
  </trace>

```


EXPORT

Level C2

XES_Data as stored by the tool:

CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	SortingColumn	event:org:resource	event:lifecycle:transition	event:concept:name
1	Start	0	1979-01-01 01:00:00	1979-01-01 01:00:00	-1	-	-	-
1	Register - complete	105	1979-01-01 01:00:00	1979-01-01 01:00:00	1	System	complete	Register
1	Analyze Defect - start	102	1979-01-01 01:00:00	1979-01-01 01:00:00	2	Tester3	start	Analyze Defect
1	Analyze Defect - complete	101	1979-01-01 01:00:00	1979-01-01 01:00:00	3	Tester3	complete	Analyze Defect
1	Repair (Complex) - start	107	1979-01-01 01:00:00	1979-01-01 01:00:00	4	SolverC1	start	Repair (Complex)
1	Repair (Complex) - complete	106	1979-01-01 01:00:00	1979-01-01 01:00:00	5	SolverC1	complete	Repair (Complex)
1	Test Repair - start	112	1979-01-01 01:00:00	1979-01-01 01:00:00	6	Tester3	start	Test Repair
1	Test Repair - complete	111	1979-01-01 01:00:00	1979-01-01 01:00:00	7	Tester3	complete	Test Repair
1	Inform User - complete	104	1979-01-01 01:00:00	1979-01-01 01:00:00	8	System	complete	Inform User
1	Archive Repair - complete	103	1979-01-01 01:00:00	1979-01-01 01:00:00	9	System	complete	Archive Repair
1	End	99999999	1979-01-01 01:00:00	1979-01-01 01:00:00	99999999	-	-	-
2	Start	0	1979-01-01 01:00:00	1979-01-01 01:00:00	-1	-	-	-
2	Register - complete	105	1979-01-01 01:00:00	1979-01-01 01:00:00	2274	System	complete	Register
2	Analyze Defect - start	102	1979-01-01 01:00:00	1979-01-01 01:00:00	2275	Tester6	start	Analyze Defect
2	Analyze Defect - complete	101	1979-01-01 01:00:00	1979-01-01 01:00:00	2276	Tester6	complete	Analyze Defect
2	Inform User - complete	104	1979-01-01 01:00:00	1979-01-01 01:00:00	2277	System	complete	Inform User
2	Repair (Complex) - start	107	1979-01-01 01:00:00	1979-01-01 01:00:00	2278	SolverC3	start	Repair (Complex)
2	Repair (Complex) - complete	106	1979-01-01 01:00:00	1979-01-01 01:00:00	2279	SolverC3	complete	Repair (Complex)
2	Test Repair - start	112	1979-01-01 01:00:00	1979-01-01 01:00:00	2280	Tester4	start	Test Repair
2	Test Repair - complete	111	1979-01-01 01:00:00	1979-01-01 01:00:00	2281	Tester4	complete	Test Repair
2	Archive Repair - complete	103	1979-01-01 01:00:00	1979-01-01 01:00:00	2282	System	complete	Archive Repair
2	End	99999999	1979-01-01 01:00:00	1979-01-01 01:00:00	99999999	-	-	-
3	Start	0	1979-01-01 01:00:00	1979-01-01 01:00:00	-1	-	-	-
3	Register - complete	105	1979-01-01 01:00:00	1979-01-01 01:00:00	3463	System	complete	Register
3	Analyze Defect - start	102	1979-01-01 01:00:00	1979-01-01 01:00:00	3464	Tester3	start	Analyze Defect
3	Analyze Defect - complete	101	1979-01-01 01:00:00	1979-01-01 01:00:00	3465	Tester3	complete	Analyze Defect
3	Repair (Simple) - start	109	1979-01-01 01:00:00	1979-01-01 01:00:00	3466	SolverS3	start	Repair (Simple)
3	Inform User - complete	104	1979-01-01 01:00:00	1979-01-01 01:00:00	3467	System	complete	Inform User
3	Repair (Simple) - complete	108	1979-01-01 01:00:00	1979-01-01 01:00:00	3468	SolverS3	complete	Repair (Simple)
3	Test Repair - start	112	1979-01-01 01:00:00	1979-01-01 01:00:00	3469	Tester2	start	Test Repair
3	Test Repair - complete	111	1979-01-01 01:00:00	1979-01-01 01:00:00	3470	Tester2	complete	Test Repair
3	Archive Repair - complete	103	1979-01-01 01:00:00	1979-01-01 01:00:00	3471	System	complete	Archive Repair
3	End	99999999	1979-01-01 01:00:00	1979-01-01 01:00:00	99999999	-	-	-

XES Export: the classifier and the org:resource attributes as contained in the log matches the current data as stored by the tool

CaseID	ActivityType	ActivityTypeID	ActivityStartTimestamp	ActivityEndTimestamp	SortingColumn	event:org:resource	event:lifecycle:transition	event:concept:name
1	Start	0	1979-01-01 01:00:00	1979-01-01 01:00:00	-1	-	-	-
1	Register - complete	105	1979-01-01 01:00:00	1979-01-01 01:00:00	1	System	complete	Register
1	Analyze Defect - start	102	1979-01-01 01:00:00	1979-01-01 01:00:00	2	Tester3	start	Analyze Defect
1	Analyze Defect - complete	101	1979-01-01 01:00:00	1979-01-01 01:00:00	3	Tester3	complete	Analyze Defect
1	Repair (Complex) - start	107	1979-01-01 01:00:00	1979-01-01 01:00:00	4	SolverC1	start	Repair (Complex)
1	Repair (Complex) - complete	106	1979-01-01 01:00:00	1979-01-01 01:00:00	5	SolverC1	complete	Repair (Complex)
1	Test Repair - start	112	1979-01-01 01:00:00	1979-01-01 01:00:00	6	Tester3	start	Test Repair
1	Test Repair - complete	111	1979-01-01 01:00:00	1979-01-01 01:00:00	7	Tester3	complete	Test Repair
1	Inform User - complete	104	1979-01-01 01:00:00	1979-01-01 01:00:00	8	System	complete	Inform User
1	Archive Repair - complete	103	1979-01-01 01:00:00	1979-01-01 01:00:00	9	System	complete	Archive Repair
1	End	99999999	1979-01-01 01:00:00	1979-01-01 01:00:00	99999999	-	-	-
2	Start	0	1979-01-01 01:00:00	1979-01-01 01:00:00	-1	-	-	-
2	Register - complete	105	1979-01-01 01:00:00	1979-01-01 01:00:00	2274	System	complete	Register
2	Analyze Defect - start	102	1979-01-01 01:00:00	1979-01-01 01:00:00	2275	Tester6	start	Analyze Defect
2	Analyze Defect - complete	101	1979-01-01 01:00:00	1979-01-01 01:00:00	2276	Tester6	complete	Analyze Defect
2	Inform User - complete	104	1979-01-01 01:00:00	1979-01-01 01:00:00	2277	System	complete	Inform User
2	Repair (Complex) - start	107	1979-01-01 01:00:00	1979-01-01 01:00:00	2278	SolverC3	start	Repair (Complex)
2	Repair (Complex) - complete	106	1979-01-01 01:00:00	1979-01-01 01:00:00	2279	SolverC3	complete	Repair (Complex)
2	Test Repair - start	112	1979-01-01 01:00:00	1979-01-01 01:00:00	2280	Tester4	start	Test Repair
2	Test Repair - complete	111	1979-01-01 01:00:00	1979-01-01 01:00:00	2281	Tester4	complete	Test Repair
2	Archive Repair - complete	103	1979-01-01 01:00:00	1979-01-01 01:00:00	2282	System	complete	Archive Repair
2	End	99999999	1979-01-01 01:00:00	1979-01-01 01:00:00	99999999	-	-	-
3	Start	0	1979-01-01 01:00:00	1979-01-01 01:00:00	-1	-	-	-
3	Register - complete	105	1979-01-01 01:00:00	1979-01-01 01:00:00	3463	System	complete	Register
3	Analyze Defect - start	102	1979-01-01 01:00:00	1979-01-01 01:00:00	3464	Tester3	start	Analyze Defect
3	Analyze Defect - complete	101	1979-01-01 01:00:00	1979-01-01 01:00:00	3465	Tester3	complete	Analyze Defect
3	Repair (Simple) - start	109	1979-01-01 01:00:00	1979-01-01 01:00:00	3466	SolverS3	start	Repair (Simple)
3	Inform User - complete	104	1979-01-01 01:00:00	1979-01-01 01:00:00	3467	System	complete	Inform User
3	Repair (Simple) - complete	108	1979-01-01 01:00:00	1979-01-01 01:00:00	3468	SolverS3	complete	Repair (Simple)
3	Test Repair - start	112	1979-01-01 01:00:00	1979-01-01 01:00:00	3469	Tester2	start	Test Repair
3	Test Repair - complete	111	1979-01-01 01:00:00	1979-01-01 01:00:00	3470	Tester2	complete	Test Repair
3	Archive Repair - complete	103	1979-01-01 01:00:00	1979-01-01 01:00:00	3471	System	complete	Archive Repair
3	End	99999999	1979-01-01 01:00:00	1979-01-01 01:00:00	99999999	-	-	-

EXPORT

Level D1

XES_Data as stored by the tool:

Qlik Sense Hub

Level01-ess - Mein neues Arbeitsblatt

qdev.mehwerk-ag.de/enp/serp/9cb30eb6-24ed-4c7-ba33-5cb749881b1/sheet/GC2afad4-7837-4ec3-955-354f00930fb0/state/analysis

Vorbereiten Datenmanager

Analysieren Arbeitsblatt

Erstellen Storytelling

Mein neues Arbeitsblatt...

Arbeitsblatt bearbeiten

Keine Auswahl angewendet

Mein neues Arbeitsblatt

XES_Data

CaseID	ActivityType	ActivityTypeID	ActivityStartTime	ActivityEndTime	event.org.group	event.concept.instance	event.org.resource	event.lifecycle.transition	event.concept.name
1	Start	0	1970-01-01 12:24:45	1970-01-01 12:24:45	-	-	-	-	-
1	Register - complete	113	1970-01-01 12:24:45	1970-01-01 12:24:45	Group -	instance 1	System	complete	Register
1	Analyze Defect - start	110	1970-01-01 12:28:03	1970-01-01 12:28:03	Groups 2 and 4	instance 1	Tester3	start	Analyze Defect
1	Analyze Defect - complete	109	1970-01-02 11:37:53	1970-01-02 11:37:53	Groups 2 and 4	instance 1	Tester3	complete	Analyze Defect
1	Repair (Complex) - start	120	1970-01-02 11:40:50	1970-01-02 11:40:50	Groups 1, 3, and 5	instance 1	SolverC1	start	Repair (Complex)
1	Repair (Complex) - complete	119	1970-01-02 12:00:41	1970-01-02 12:00:41	Groups 1, 3, and 5	instance 1	SolverC1	complete	Repair (Complex)
1	Test Repair - start	118	1970-01-02 12:03:15	1970-01-02 12:03:15	Groups 2, 3, and 4	instance 1	Tester3	start	Test Repair
1	Test Repair - complete	117	1970-01-02 12:11:08	1970-01-02 12:11:08	Group 1 and 4	instance 1	Tester3	complete	Test Repair
1	Inform User - complete	112	1970-01-02 12:28:49	1970-01-02 12:28:49	Group -	instance 1	System	complete	Inform User
1	Archive Repair - complete	111	1970-01-02 12:31:35	1970-01-02 12:31:35	Group -	instance 1	System	complete	Archive Repair
1	End	99999999	1970-01-02 12:31:35	1970-01-02 12:31:35	-	-	-	-	-
2	Start	0	1970-01-05 18:03:28	1970-01-05 18:03:28	-	-	-	-	-
2	Register - complete	113	1970-01-05 18:03:28	1970-01-05 18:03:28	Group -	instance 1	System	complete	Register
2	Analyze Defect - start	110	1970-01-05 18:04:21	1970-01-05 18:04:21	Groups 2 and 4	instance 1	Tester6	start	Analyze Defect
2	Analyze Defect - complete	109	1970-01-05 18:12:25	1970-01-05 18:12:25	Groups 2 and 4	instance 1	Tester6	complete	Analyze Defect
2	Inform User - complete	112	1970-01-05 18:29:45	1970-01-05 18:29:45	Group -	instance 1	System	complete	Inform User
2	Repair (Complex) - start	120	1970-01-05 18:33:56	1970-01-05 18:33:56	Groups 1, 3, and 5	instance 1	SolverC3	start	Repair (Complex)
2	Repair (Complex) - complete	119	1970-01-05 19:25:28	1970-01-05 19:25:28	Groups 1, 3, and 5	instance 1	SolverC3	complete	Repair (Complex)
2	Test Repair - start	118	1970-01-05 19:28:04	1970-01-05 19:28:04	Groups 2 and 4	instance 1	Tester4	start	Test Repair
2	Test Repair - complete	117	1970-01-05 19:36:25	1970-01-05 19:36:25	Groups 2 and 4	instance 1	Tester4	complete	Test Repair
2	Archive Repair - complete	111	1970-01-05 19:42:46	1970-01-05 19:42:46	Group -	instance 1	System	complete	Archive Repair
2	End	99999999	1970-01-05 19:42:46	1970-01-05 19:42:46	-	-	-	-	-
3	Start	0	1970-01-07 12:41:42	1970-01-07 12:41:42	-	-	-	-	-
3	Register - complete	113	1970-01-07 12:41:42	1970-01-07 12:41:42	Group -	instance 1	System	complete	Register
3	Analyze Defect - start	110	1970-01-07 12:44:24	1970-01-07 12:44:24	Groups 2 and 4	instance 1	Tester3	start	Analyze Defect
3	Analyze Defect - complete	109	1970-01-07 12:56:48	1970-01-07 12:56:48	Groups 2 and 4	instance 1	Tester3	complete	Analyze Defect
3	Repair (Simple) - start	122	1970-01-07 13:14:07	1970-01-07 13:14:07	Groups 1, 3, and 5	instance 1	SolverS3	start	Repair (Simple)
3	Repair (Simple) - complete	112	1970-01-07 13:24:49	1970-01-07 13:24:49	Groups 1, 3, and 5	instance 1	SolverS3	complete	Repair (Simple)
3	Test Repair - start	118	1970-01-07 13:39:57	1970-01-07 13:39:57	Groups 1, 3, and 5	instance 1	Tester2	start	Test Repair
3	Test Repair - complete	117	1970-01-07 13:32:21	1970-01-07 13:32:21	Groups 2 and 4	instance 1	Tester2	complete	Test Repair
3	Archive Repair - complete	111	1970-01-07 13:47:14	1970-01-07 13:47:14	Group -	instance 1	System	complete	Archive Repair
3	End	99999999	1970-01-07 13:47:14	1970-01-07 13:47:14	-	-	-	-	-

XES Export: all standard attributes as contained in the log match the current data as stored by the tool

```

1 {
2   "tool version": "1.0",
3   "encoding": "utf-8"
4 }
5 {
6   "extension name": "Organizational",
7   "prefix": "org",
8   "uri": "http://www.xes-standard.org/org.xesext/"
9 }
10 {
11   "extension name": "Lifecycle",
12   "prefix": "lifecycle",
13   "uri": "http://www.xes-standard.org/lifecycle.xesext/"
14 }
15 {
16   "extension name": "Time",
17   "prefix": "time",
18   "uri": "http://www.xes-standard.org/time.xesext/"
19 }
20 {
21   "extension name": "Concept",
22   "prefix": "concept",
23   "uri": "http://www.xes-standard.org/concept.xesext/"
24 }
25 {
26   "classification name": "Home And Transition",
27   "key": "conceptname",
28   "value": "lifecycletransition"
29 }
30 {
31   "string key": "origin",
32   "value": "csw"
33 }
34 {
35   "global scope": "event"
36 }
37 {
38   "string key": "conceptname",
39   "value": "__INVALID__"
40 }
41 {
42   "global scope": "event"
43 }
44 {
45   "string key": "conceptname",
46   "value": "__INVALID__"
47 }
48 {
49   "string key": "lifecycletransition",
50   "value": "__INVALID__"
51 }
52 {
53   "string key": "orgresource",
54   "value": "__INVALID__"
55 }
56 {
57   "string key": "orggroup",
58   "value": "__INVALID__"
59 }
60 {
61   "date key": "timestamp",
62   "value": "1970-01-02T11:24:45+00:00"
63 }
64 {
65   "global scope": "event"
66 }
67 {
68   "string key": "conceptname",
69   "value": "I"
70 }
71 {
72   "event": "I"
73 }
74 {
75   "string key": "conceptname",
76   "value": "I"
77 }
78 {
79   "string key": "orggroup",
80   "value": "Groups 3 and 4"
81 }
82 {
83   "string key": "conceptinstance",
84   "value": "Instance 1"
85 }
86 {
87   "string key": "orgresource",
88   "value": "System"
89 }
90 {
91   "string key": "conceptname",
92   "value": "Register"
93 }
94 {
95   "string key": "lifecycletransition",
96   "value": "Complete"
97 }
98 {
99   "date key": "timestamp",
100  "value": "1970-01-02T11:24:45+00:00"
101 }
102 {
103   "event": "I"
104 }
105 {
106   "string key": "orggroup",
107   "value": "Groups 3 and 4"
108 }
109 {
110   "string key": "conceptinstance",
111   "value": "Instance 1"
112 }
113 {
114   "string key": "orgresource",
115   "value": "Instance3"
116 }
117 {
118   "string key": "conceptname",
119   "value": "Analyze Defect"
120 }
121 {
122   "string key": "lifecycletransition",
123   "value": "Start"
124 }
125 {
126   "date key": "timestamp",
127   "value": "1970-01-02T11:28:03+00:00"
128 }
129 {
130   "event": "I"
131 }
132 {
133   "string key": "orggroup",
134   "value": "Groups 2 and 4"
135 }
136 {
137   "string key": "conceptinstance",
138   "value": "Instance 1"
139 }
140 {
141   "string key": "orgresource",
142   "value": "Instance3"
143 }
144 {
145   "string key": "conceptname",
146   "value": "Analyze Defect"
147 }
148 {
149   "string key": "lifecycletransition",
150   "value": "Complete"
151 }
152 {
153   "date key": "timestamp",
154   "value": "1970-01-02T11:37:53+00:00"
155 }
156 {
157   "event": "I"
158 }
159 {
160   "string key": "orggroup",
161   "value": "Groups 1, 3, and 5"
162 }
163 {
164   "string key": "conceptinstance",
165   "value": "Instance 1"
166 }
167 {
168   "string key": "orgresource",
169   "value": "SolveC1"
170 }
171 {
172   "string key": "conceptname",
173   "value": "Repair (Complex)"
174 }
175 {
176   "string key": "lifecycletransition",
177   "value": "Start"
178 }
179 {
180   "date key": "timestamp",
181   "value": "1970-01-02T11:40:50+00:00"
182 }
183 {
184   "event": "I"
185 }
186 {
187   "string key": "orggroup",
188   "value": "Groups 1, 3, and 5"
189 }
190 {
191   "string key": "conceptinstance",
192   "value": "Instance 1"
193 }
194 {
195   "string key": "orgresource",
196   "value": "SolveC1"
197 }
198 {
199   "string key": "conceptname",
200   "value": "Repair (Complex)"
201 }
202 {
203   "string key": "lifecycletransition",
204   "value": "Complete"
205 }
206 {
207   "date key": "timestamp",
208   "value": "1970-01-02T12:00:43+00:00"
209 }
210 {
211   "event": "I"
212 }

```

EXPORT

Level D2

XES_Data as stored by the tool:

Qlik Sense Hub

Level01.xls - Mein neues Arbeitsblatt | Level02.xls - Mein neues Arbeitsblatt | +

qpsdev.mehwerk-ag.de/sense/app/35d1a601-b7d1-4c30-a590-78a08fa1afa/sheet/6c2af64f-7857-4ec9-9545-354f009930fb/state/analysis

Verbreiten Datenmanager | Analysieren Arbeitsblatt | Erstellen Storytelling

Mein neues Arbeitsblatt... | Mein neues Arbeitsblatt... | Arbeitsblatt bearbeiten

Auswählen

Mein neues Arbeitsblatt

XES_Data

CaseID	ActivityType	ActivityTypeID	ActivityStartTimeStamp	ActivityEndTimeStamp	eventorgroup	eventconcept_instance	eventorg_resource	eventlifecycle_transition	eventconcept_name
1	Start	0	1970-01-02 11:23:56	1970-01-02 11:23:56	-	-	-	-	-
1	Register - complete	113	1970-01-02 11:23:56	1970-01-02 11:23:56	Group -	Instance 1	System	complete	Register
1	Analyze Defect - start	110	1970-01-02 11:26:45	1970-01-02 11:26:45	Groups 2 and 4	Instance 1	Tester3	start	Analyze Defect
1	Analyze Defect - complete	100	1970-01-02 11:36:13	1970-01-02 11:36:13	Groups 2 and 4	Instance 1	Tester3	complete	Analyze Defect
1	Repair (Complex) - start	120	1970-01-02 11:39:01	1970-01-02 11:39:01	Groups 1, 3, and 5	Instance 1	SolverC1	start	Repair (Complex)
1	Repair (Complex) - complete	119	1970-01-02 11:58:45	1970-01-02 11:58:45	Groups 1, 3, and 5	Instance 1	SolverC1	complete	Repair (Complex)
1	Test Repair - start	118	1970-01-02 12:00:58	1970-01-02 12:00:58	Groups 2 and 4	Instance 1	Tester3	start	Test Repair
1	Test Repair - complete	117	1970-01-02 12:08:39	1970-01-02 12:08:39	Groups 2 and 4	Instance 1	Tester3	complete	Test Repair
1	Inform User - complete	112	1970-01-02 12:25:35	1970-01-02 12:25:35	Group -	Instance 1	System	complete	Inform User
1	Archive Repair - complete	111	1970-01-02 12:27:58	1970-01-02 12:27:58	Group -	Instance 1	System	complete	Archive Repair
1	End	999999999	1970-01-02 12:27:58	1970-01-02 12:27:58	-	-	-	-	-
2	Start	0	1970-01-04 23:29:52	1970-01-04 23:29:52	-	-	-	-	-
2	Register - complete	113	1970-01-04 23:29:52	1970-01-04 23:29:52	Group -	Instance 1	System	complete	Register
2	Analyze Defect - start	110	1970-01-04 23:30:41	1970-01-04 23:30:41	Groups 2 and 4	Instance 1	Tester6	start	Analyze Defect
2	Analyze Defect - complete	100	1970-01-04 23:38:36	1970-01-04 23:38:36	Groups 2 and 4	Instance 1	Tester6	complete	Analyze Defect
2	Inform User - complete	112	1970-01-04 23:55:52	1970-01-04 23:55:52	Group -	Instance 1	System	complete	Inform User
2	Repair (Complex) - start	120	1970-01-05 00:02:00	1970-01-05 00:02:00	Groups 1, 3, and 5	Instance 1	SolverC3	start	Repair (Complex)
2	Repair (Complex) - complete	119	1970-01-05 00:58:39	1970-01-05 00:58:39	Groups 1, 3, and 5	Instance 1	SolverC3	complete	Repair (Complex)
2	Test Repair - start	118	1970-01-05 00:52:45	1970-01-05 00:52:45	Groups 2 and 4	Instance 1	Tester4	start	Test Repair
2	Test Repair - complete	117	1970-01-05 01:00:53	1970-01-05 01:00:53	Groups 2 and 4	Instance 1	Tester4	complete	Test Repair
2	Archive Repair - complete	111	1970-01-05 01:06:44	1970-01-05 01:06:44	Group -	Instance 1	System	complete	Archive Repair
2	End	999999999	1970-01-05 01:06:44	1970-01-05 01:06:44	-	-	-	-	-
3	Start	0	1970-01-06 08:09:23	1970-01-06 08:09:23	-	-	-	-	-
3	Register - complete	113	1970-01-06 08:09:23	1970-01-06 08:09:23	Group -	Instance 1	System	complete	Register
3	Analyze Defect - start	110	1970-01-06 08:11:55	1970-01-06 08:11:55	Groups 2 and 4	Instance 1	Tester3	start	Analyze Defect
3	Analyze Defect - complete	100	1970-01-06 08:23:29	1970-01-06 08:23:29	Groups 2 and 4	Instance 1	Tester3	complete	Analyze Defect
3	Repair (Simple) - start	122	1970-01-06 08:39:53	1970-01-06 08:39:53	Groups 1, 3, and 5	Instance 1	SolverC3	start	Repair (Simple)
3	Inform User - complete	112	1970-01-06 09:40:54	1970-01-06 09:40:54	Group -	Instance 1	System	complete	Inform User
3	Repair (Simple) - complete	121	1970-01-06 08:55:12	1970-01-06 08:55:12	Groups 1, 3, and 5	Instance 1	SolverC3	complete	Repair (Simple)
3	Test Repair - start	118	1970-01-06 08:56:18	1970-01-06 08:56:18	Groups 2 and 4	Instance 1	Tester2	start	Test Repair
3	Test Repair - complete	117	1970-01-06 09:04:92	1970-01-06 09:04:92	Groups 2 and 4	Instance 1	Tester2	complete	Test Repair
3	Archive Repair - complete	111	1970-01-06 09:16:25	1970-01-06 09:16:25	Group -	Instance 1	System	complete	Archive Repair
3	End	999999999	1970-01-06 09:16:25	1970-01-06 09:16:25	-	-	-	-	-

XES Export: the classifier and all standard attributes as contained in the log matches the current data as stored by the tool

```
D:\DEV\espport\vdes-espport - Sublime Text [UNREGISTERED]
File Edit Selection Find View Goto Tools Project Preferences Help

<?xml version='1.0' encoding='utf-8' ?>
<tag>
  <extension name='Organizational' prefix='org' url='http://www.xes-standard.org/xesext' />
  <extension name='Lifecycle' prefix='lifecycle' url='http://www.xes-standard.org/lifecycle.xesext' />
  <extension name='Time' prefix='time' url='http://www.xes-standard.org/time.xesext' />
  <extension name='Concept' prefix='concept' url='http://www.xes-standard.org/concept.xesext' />
  <classifier name='Name And Transition' keys='conceptname lifecycletransition' />
  <string key='origin' value='CSV' />
  <global scope='trace'>
    <string key='concept:name' value='_INVALID_' />
  </global>
  <global scope='event'>
    <string key='concept:name' value='_INVALID_' />
    <string key='lifecycle:transition' value='_INVALID_' />
    <string key='org:resource' value='_INVALID_' />
    <string key='org:group' value='_INVALID_' />
  </global>
  <date key='time:timestamp' value='1978-01-02T11:23:56+00:00' />
</event>
  <string key='concept:name' value='1' />
  <event>
    <string key='org:group' value='Group -' />
    <string key='concept:instance' value='Instance 1' />
    <string key='org:resource' value='System' />
    <string key='concept:name' value='Register' />
    <string key='lifecycle:transition' value='complete' />
    <date key='time:timestamp' value='1978-01-02T11:23:56+00:00' />
  </event>
  <event>
    <string key='org:group' value='Groups 2 and 4' />
    <string key='concept:instance' value='Instance 1' />
    <string key='org:resource' value='Tester' />
    <string key='concept:name' value='Analyze Defect' />
    <string key='lifecycle:transition' value='start' />
    <date key='time:timestamp' value='1978-01-02T11:26:45+00:00' />
  </event>
  <event>
    <string key='org:group' value='Groups 2 and 4' />
    <string key='concept:instance' value='Instance 1' />
    <string key='org:resource' value='Tester' />
    <string key='concept:name' value='Analyze Defect' />
    <string key='lifecycle:transition' value='complete' />
    <date key='time:timestamp' value='1978-01-02T11:30:18+00:00' />
  </event>
  <event>
    <string key='org:group' value='Groups 1, 3, and 5' />
    <string key='concept:instance' value='Instance 1' />
    <string key='org:resource' value='SolverC1' />
    <string key='concept:name' value='Repair (Complex)' />
    <string key='lifecycle:transition' value='start' />
    <date key='time:timestamp' value='1978-01-02T11:39:01+00:00' />
  </event>
  <event>
    <string key='org:group' value='Groups 1, 3, and 5' />
    <string key='concept:instance' value='Instance 1' />
    <string key='org:resource' value='SolverC1' />
    <string key='concept:name' value='Repair (Complex)' />
    <string key='lifecycle:transition' value='complete' />
    <date key='time:timestamp' value='1978-01-02T11:50:05+00:00' />
  </event>
```

EXPORT

Flag X1

XES_Data as stored by the tool:

Click Sense Hub flagX1-xes - Mein neues Arbeitsblatt flagX2-xes - Mein neues Arbeitsblatt + qso.de/mehrwerk-ag.de/sense/app/af51ba0b-5b74-4038-bfac-1236d8888a1a/sheet/6c2a64d4-7857-4dc9-9545-354f008930fb/state/analysis

Mein neues Arbeitsblatt **Arbeitsblatt bearbeiten**

Mein neues Arbeitsblatt

XES_Data

CaseID	ActivityType	ActivityTypeID	ActivityStartTime	ActivityEndTime	event={0,1,2}Ball + 1 & it.x>	event-Key 6	event-Key 3	event-Key 2	event.numberRe...	event.time.steas...	SortingColu...
	Start	0	1970-01-02 11:27:05	1970-01-02 11:27:05	-	-	-	-	-	-	
1	Register - complete	114	1970-01-02 11:27:05	1970-01-02 11:27:05	Group -	complete	System	instance 1	1	-	
2	Analyze Defect - start	111	1970-01-02 11:31:15	1970-01-02 11:31:15	Groups 2 and 4	start	Testor3	instance 1	2	-	
3	Analyze Defect - complete	110	1970-01-02 11:44:01	1970-01-02 11:44:01	Groups 2 and 4	complete	Testor3	instance 1	3	-	
4	Repair (Complex) - start	116	1970-01-02 11:50:10	1970-01-02 11:50:10	Groups 1, 3, and 5	start	SolverC1	instance 1	4	-	
5	Repair (Complex) - complete	115	1970-01-02 12:13:04	1970-01-02 12:13:04	Groups 1, 3, and 5	complete	SolverC1	instance 1	5	-	
6	Test Repair - start	121	1970-01-02 12:17:27	1970-01-02 12:17:27	Groups 2 and 4	start	Testor3	instance 1	6	-	
7	Test Repair - complete	120	1970-01-02 12:27:42	1970-01-02 12:27:42	Groups 2 and 4	complete	Testor3	instance 1	7	-	
8	Inform User - complete	113	1970-01-02 12:48:01	1970-01-02 12:48:01	Group -	complete	System	instance 1	8	-	
9	Archive Repair - complete	112	1970-01-02 12:52:52	1970-01-02 12:52:52	Group -	complete	System	instance 1	9	-	
10	End	999999999	1970-01-02 12:52:52	1970-01-02 12:52:52	-	-	-	-	-	-	
11	Start	0	1970-01-09 15:56:03	1970-01-09 15:56:03	-	-	-	-	-	-	
12	Register - complete	114	1970-01-09 15:56:03	1970-01-09 15:56:03	Group -	complete	System	instance 1	1	-	
13	Analyze Defect - start	111	1970-01-09 15:58:21	1970-01-09 15:58:21	Groups 2 and 4	start	Testor6	instance 1	2	-	
14	Analyze Defect - complete	110	1970-01-09 16:08:46	1970-01-09 16:08:46	Groups 2 and 4	complete	Testor6	instance 1	3	-	
15	Inform User - complete	113	1970-01-09 16:30:07	1970-01-09 16:30:07	Group -	complete	System	instance 1	4	-	
16	Repair (Complex) - start	116	1970-01-09 16:39:14	1970-01-09 16:39:14	Groups 1, 3, and 5	start	SolverC3	instance 1	5	-	
17	Repair (Complex) - complete	115	1970-01-09 17:29:57	1970-01-09 17:29:57	Groups 1, 3, and 5	complete	SolverC3	instance 1	6	-	
18	Test Repair - start	121	1970-01-09 17:35:43	1970-01-09 17:35:43	Groups 2 and 4	start	Testor4	instance 1	7	-	
19	Test Repair - complete	120	1970-01-09 17:47:18	1970-01-09 17:47:18	Groups 2 and 4	complete	Testor4	instance 1	8	-	
20	Archive Repair - complete	112	1970-01-09 17:56:15	1970-01-09 17:56:15	Group -	complete	System	instance 1	9	-	
21	End	999999999	1970-01-09 17:56:15	1970-01-09 17:56:15	-	-	-	-	-	-	
22	Start	0	1970-01-13 12:36:59	1970-01-13 12:36:59	-	-	-	-	-	-	
23	Register - complete	114	1970-01-13 12:36:59	1970-01-13 12:36:59	Group -	complete	System	instance 1	1	-	
24	Analyze Defect - start	111	1970-01-13 12:42:27	1970-01-13 12:42:27	Groups 2 and 4	start	Testor3	instance 1	2	-	
25	Analyze Defect - complete	110	1970-01-13 12:56:21	1970-01-13 12:56:21	Groups 2 and 4	complete	Testor3	instance 1	3	-	
26	Repair (Simple) - start	118	1970-01-13 13:15:17	1970-01-13 13:15:17	Groups 1, 3, and 5	start	SolverS3	instance 1	4	-	
27	Inform User - complete	113	1970-01-13 13:29:06	1970-01-13 13:29:06	Group -	complete	System	instance 1	5	-	
28	Repair (Simple) - complete	117	1970-01-13 13:38:59	1970-01-13 13:38:59	Groups 1, 3, and 5	complete	SolverS3	instance 1	6	-	
29	Test Repair - start	121	1970-01-13 13:42:19	1970-01-13 13:42:19	Groups 2 and 4	start	Testor2	instance 1	7	-	
30	Test Repair - complete	120	1970-01-13 13:53:06	1970-01-13 13:53:06	Groups 2 and 4	complete	Testor2	instance 1	1	-	</

XES Export: all (standard or non-standard) attributes as contained in the log match the current data as stored by the tool

[illegible]

EXPORT

Flag X2

XES_Data as stored by the tool:

Click Sense Hub

flagX2-xes - Mein neues Arbeitsbl...

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XES Export: all (standard or non-standard) attributes as contained in the log matches the current data as stored by the tool

```
D:\DEV\expoflugins\ses-reporter - Sublime Text (PREGISTEDED)
File Edit Selection Find View Goto Tools Project Preferences Help

<?xml version="1.0" encoding="utf-8" ?>
<log>
  <extension name="Concept" prefix="concept" url="http://www.xes-standard.org/concept.xesext" />
  <extension name="Lifecycle" prefix="lifecycle" url="http://www.xes-standard.org/lifecycle.xesext" />
  <extension name="Time" prefix="time" url="http://www.xes-standard.org/time.xesext" />
  <classifier name="(Name AND Transition)" key="concept:name lifecycle:transition" />
  <clink key="origin" value="csv" />
  <global scope="trace">
    <string key="concept:name" value="__INVALID__" />
  </global>
  <global scope="event">
    <string key="concept:name" value="__INVALID__" />
    <string key="lifecycle:transition" value="__INVALID__" />
    <date key="time:timestamp" value="1978-01-02T11:26:09+00:00" />
  </global>
  <event>
    <string key="concept:name" value="1" />
    <event>
      <string key="(0,1,2) 25all +1 &amp;lt;it x&amp;gt;g;t" value="Group -" />
      <string key="key 1" value="Register" />
      <string key="key 0" value="Complete" />
      <string key="key 3" value="System" />
      <string key="key 2" value="Instance 1" />
      <string key="numberRepairs" value="1" />
      <string key="concept:name" value="Register" />
      <string key="lifecycle:transition" value="complete" />
      <date key="time:timestamp" value="1978-01-02T11:26:09+00:00" />
    </event>
    <event>
      <string key="(0,1,2) 25all +1 &amp;lt;it x&amp;gt;g;t" value="Groups 2 and 4" />
      <string key="key 1" value="Analyze Defect" />
      <string key="key 6" value="Start" />
      <string key="key 3" value="Tester3" />
      <string key="key 2" value="Instance 1" />
      <string key="numberRepairs" value="2" />
      <string key="concept:name" value="Analyze Defect" />
      <string key="lifecycle:transition" value="Start" />
      <date key="time:timestamp" value="1978-01-02T11:30:11+00:00" />
    </event>
    <event>
      <string key="(0,1,2) 25all +1 &amp;lt;it x&amp;gt;g;t" value="Groups 2 and 4" />
      <string key="key 1" value="Analyze Defect" />
      <string key="key 6" value="Complete" />
      <string key="key 3" value="Tester3" />
      <string key="key 2" value="Instance 1" />
      <string key="numberRepairs" value="3" />
      <string key="concept:name" value="Analyze Defect" />
      <string key="lifecycle:transition" value="complete" />
      <date key="time:timestamp" value="1978-01-02T11:42:23+00:00" />
    </event>
    <event>
      <string key="(0,1,2) 25all +1 &amp;lt;it x&amp;gt;g;t" value="Groups 1, 3, and 5" />
      <string key="key 1" value="Repair Complex" />
      <string key="key 6" value="Start" />
      <string key="key 3" value="SolverC1" />
      <string key="key 2" value="Instance 1" />
      <string key="numberRepairs" value="4" />
      <string key="concept:name" value="Repair Complex" />
      <string key="lifecycle:transition" value="start" />
      <date key="time:timestamp" value="1978-01-02T11:48:04+00:00" />
    </event>
  </event>
```

CONTACT INFORMATION

Contact Information

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IEEE XES Working Group
IEEE Task Force on Process Mining
<http://www.win.tue.nl/ieeetfpm>

