



SEE. UNDERSTAND. IMPROVE.

New Feature List SAP Process Mining by Celonis 4.2

# NEW FEATURES SAP PROCESS MINING BY CELONIS 4.2

**PI CONFORMANCE**

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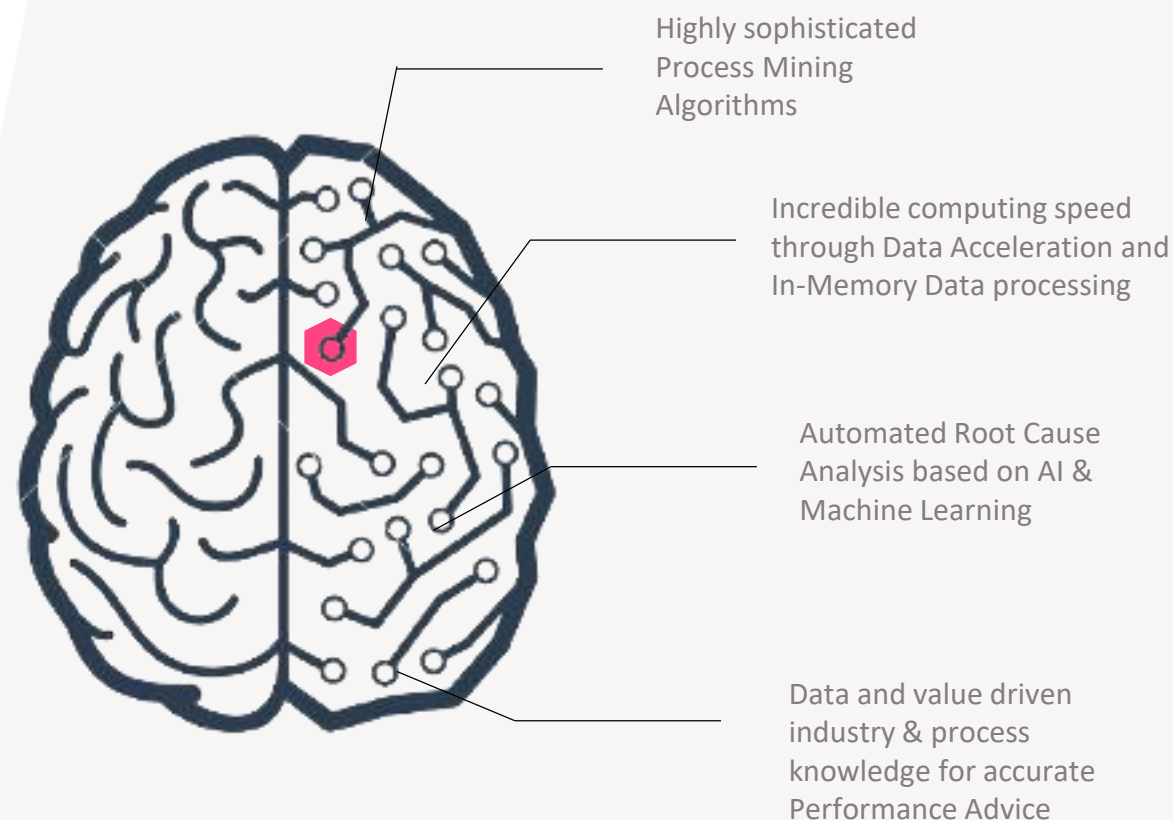


# INTRODUCING CELONIS

## PROCESS MINING JUST GOT A LOT SMARTER.

Celonis PI is the core of Celonis' highly intelligent and automated Big Data Analytics platform. PI was designed to understand and transform your organization to a value driven enterprise. PI helps you to focus on business outcomes rather than data for the sake of data.

Learn more about how PI brings Process Mining to the next level: [WWW.CELONIS.COM/PI](https://www.celonis.com/pi)



## PI CONFORMANCE

GET INSIGHTS INTO **CONFORMANCE**  
AND **ROOT CAUSES** – INTELLIGENT &  
**FULLY AUTOMATED!**

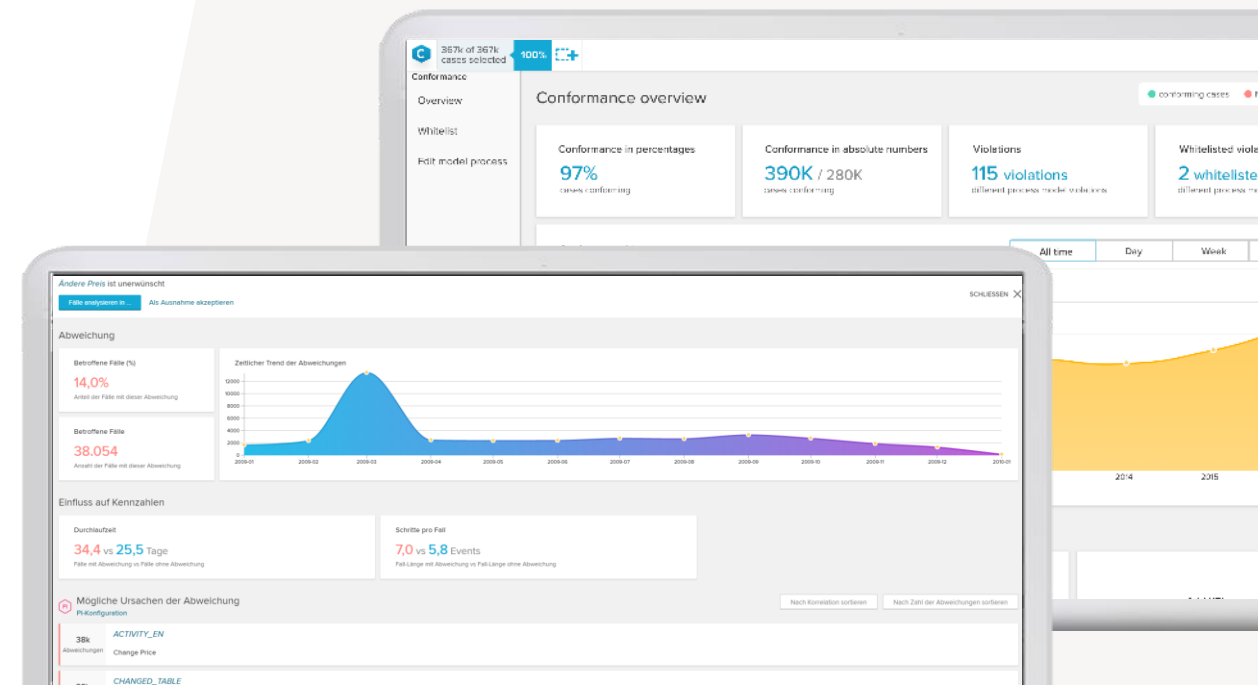
- HOW CAN I COMPARE THE DESIRED PROCESS (TO BE) MODEL AGAINST THE ACTUAL PROCESS (AS IS)?
- WHAT ISSUES HAVE THE GREATEST IMPACT ON MY PERFORMANCE?
- WHAT ARE THE ROOT CAUSES FOR DEVIATIONS AND PERFORMANCE LOSS?
- HOW CAN I IDENTIFY ACTIVITIES, FLOWS, EMPLOYEES THAT HAVE A NEGATIVE IMPACT?
- WHERE DO I NEED TO TAKE ACTION?
- HOW IS THE TREND OVER TIME?

POWERED BY



CELONIS PI (PROACTIVE INSIGHTS ENGINE) IS A PLATFORM THAT COMBINES PROCESS MINING WITH MACHINE LEARNING AND A.I. TO ACHIEVE HIGHLY INTELLIGENT AND FULLY AUTOMATED INSIGHTS.

IT WAS DESIGNED TO **TRANSFORM** YOUR ORGANIZATION **INTO A VALUE DRIVEN ENTERPRISE.**



## PI MACHINE LEARNING

### SHAPE THE FUTURE OF YOUR OPERATIONS WITH **ADVANCED MACHINE LEARNING** IMPLEMENTATION!

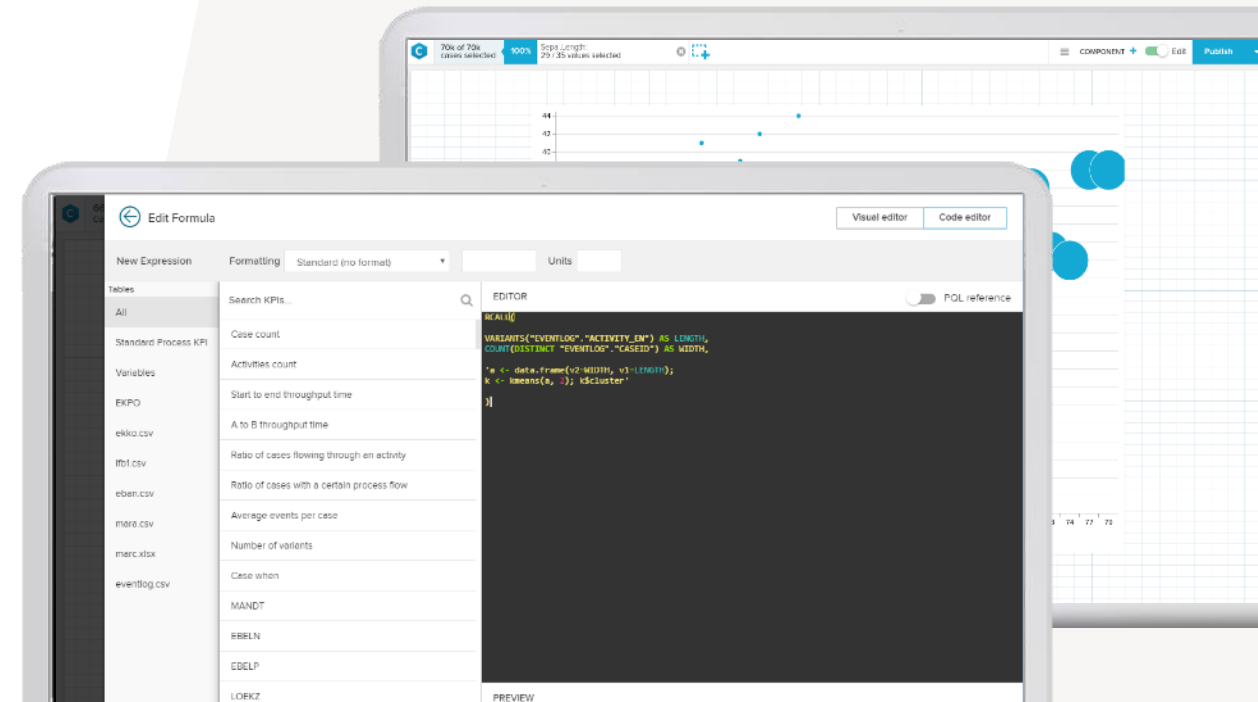
- HOW CAN I GUARANTEE HIGHER DELIVERY RELIABILITY TO MY CUSTOMERS?
- WHICH OPEN TRANSACTIONS WILL BECOME CRITICAL?
- HOW CAN I AVOID PRODUCTION BLOCKS?
- HOW WILL CUSTOMERS CHANGE THEIR BEHAVIOR IN A CHANGING MARKET?

POWERED BY



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## PI SOCIAL

### GET BETTER BY IDENTIFYING AND STRENGTHENING TEAM PERFORMANCE AND EFFICIENT INTERACTIONS!

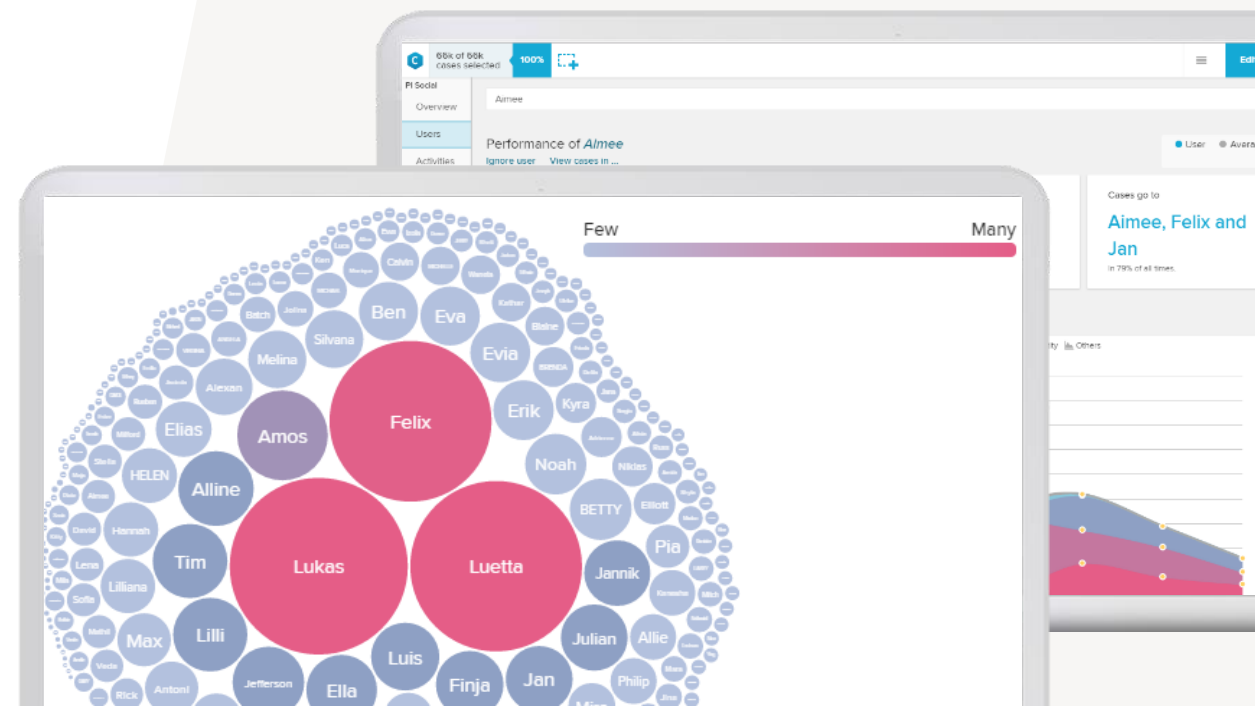
- HOW DO TEAMS IN MY ORGANIZATION PERFORM?
- HOW CAN I MAKE SURE WORKLOAD IS BALANCED EVEN?
- HOW CAN I HIGHLIGHT INEFFICIENCIES IN ORGANIZATION STRUCTURE OR INTERACTIONS
- HOW CAN I IDENTIFY KEY PLAYERS IN MY ORGANIZATION AND WHO CONTRIBUTES MOST TO BUSINESS GOALS?

POWERED BY



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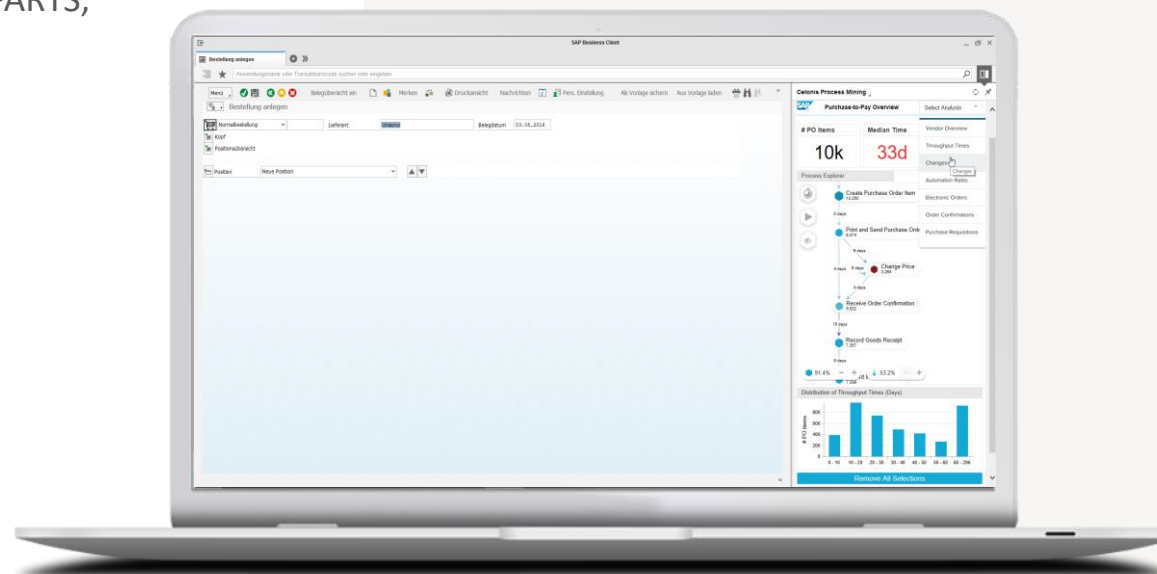


**ALWAYS HAVE POWERFUL PROCESS  
MINING INSIGHTS AVAILABLE WHILE  
YOU WORK!**

- HOW CAN I USE PROCESS MINING INSIGHTS TO MAKE MY DAILY OPERATIONS MORE EFFICIENT?
- HOW CAN I IDENTIFY POTENTIAL ISSUES WITH VENDORS, PARTS, ACTIONS, ETC. BEFORE THEY HAVE AN IMPACT?
- WHICH VENDORS HAVE THE FASTEST DELIVERY RECORD?
- HOW CAN I PREVENT PAYMENT BLOCKS?

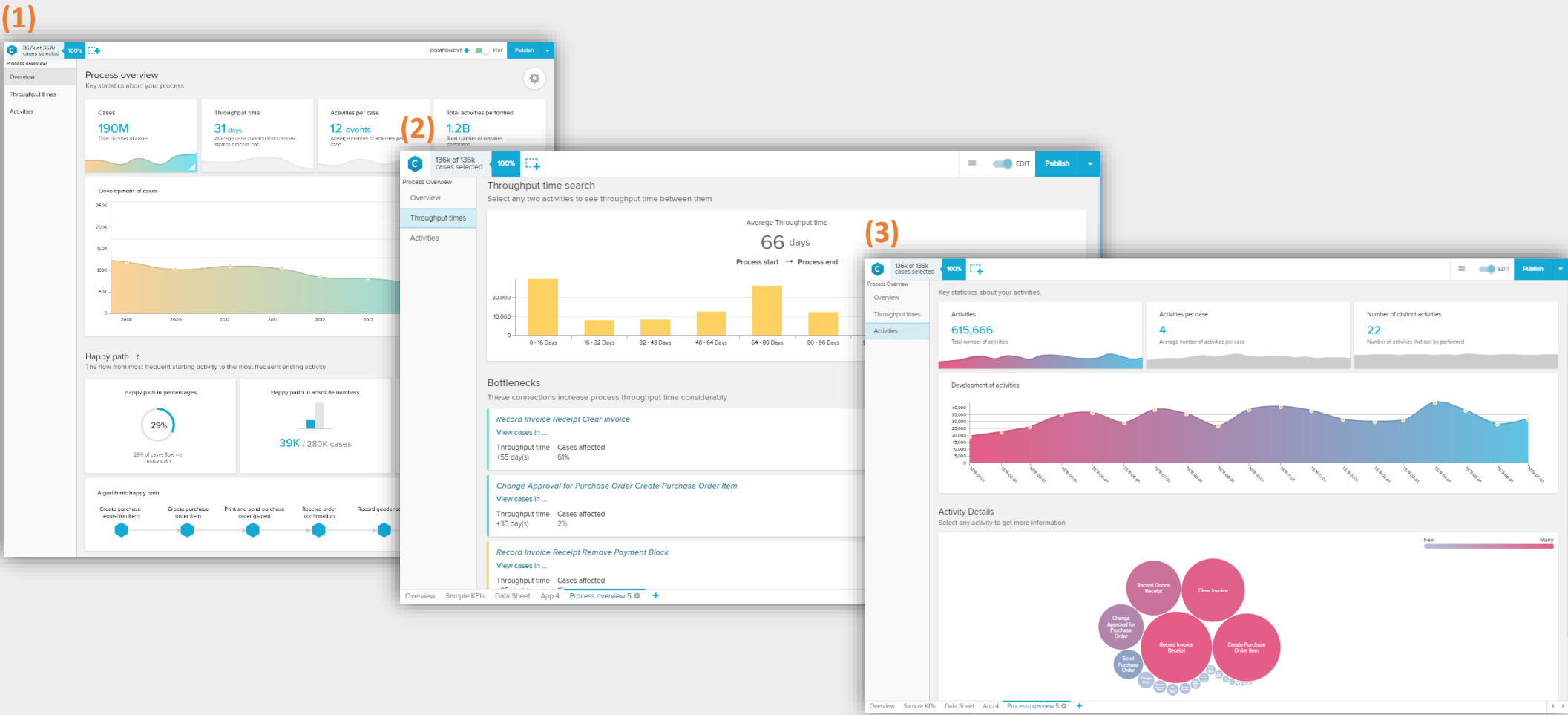
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# PROCESS OVERVIEW

The new integrated fullscreen app provides immediate insights into any process. An automatically generated analysis provides detailed informations about the most important parts of your process. An overview on the general process metrics and the happy path (1), the throughput time (2) in the process and the activities (3) within the process are ready to use out of the box on any process.

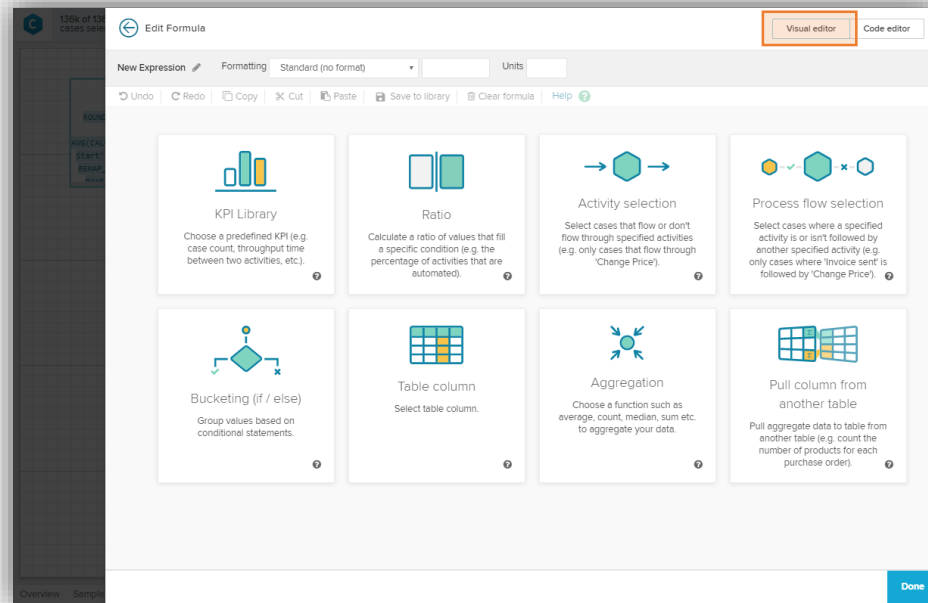




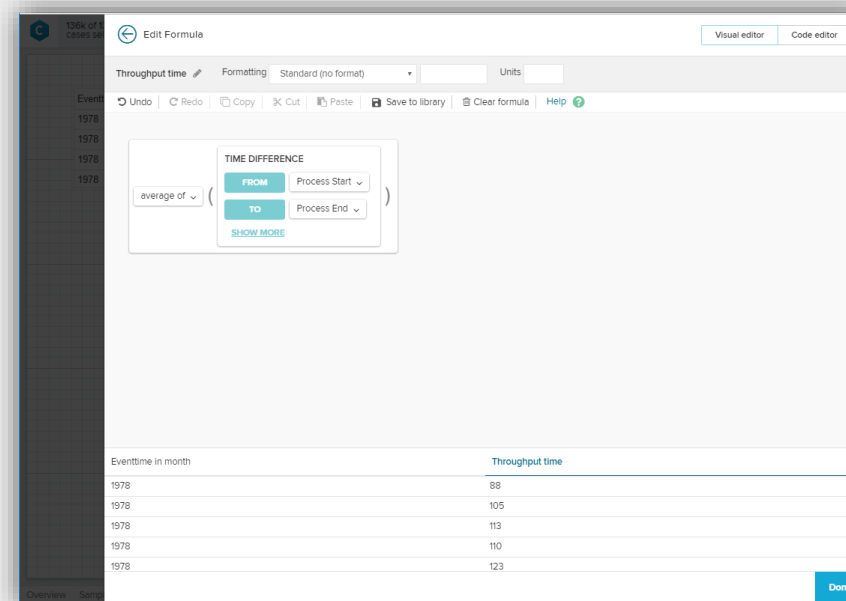
# VISUAL PQL BUILDER

It has never been easier to create advanced functions and formulas in SAP Process Mining by Celonis 4.2. The Visual PQL Builder (1) allows any user to caculate exactly the KPIs he is looking for on any process in SAP Process Mining by Celonis 4.2. Complex statements like calculating the throughput time between specific process steps can be entered with two simple clicks within a visual editor (2).

(1)



(2)



# FORMULA PREVIEW

All PQL statements in a component can now be previewed from within the data chooser (1), the visual editor (2) or the code editor (3). You can immediately evaluate if you newly created statement is working and returning the expected results.

(1)

(2)

(3)

PREVIEW

Process Variants	Case count
Create Purchase Order	10,028
Create Purchase Order, Goods Receipt, S...	1
Create Purchase Order, Scan Invoice, Invo...	1

PREVIEW

Process Variants	Case count
Create Purchase Order	10,028
Create Purchase Order, Goods Receipt, S...	1
Create Purchase Order, Scan Invoice, Invo...	1

PREVIEW

Process Variants	Case count
Create Purchase Order	10,028
Create Purchase Order, Goods Receipt, S...	1
Create Purchase Order, Scan Invoice, Invo...	1

Done



# JUMP TO DATALINK

SAP Process Mining by Celonis 4.2 now offers the possibility to jump to any URL and parse data from a table with it. Thereby you can easily re-use results and content from the SAP Process Mining by Celonis 4.2 analyses in 3<sup>rd</sup>-party applications and websites. Jump to datalink can be activated in the primary settings section of any OLAP table (1). You can specify an URL and if desired, which column's data is parsed with the URL. As a result the link can be opened from the first column of the OLAP table (2).

(1)

The screenshot shows the SAP Process Mining by Celonis 4.2 interface. On the left, there is a table with 'Process Variants' and 'Case count'. On the right, the 'Component options' panel is open, showing 'General options' and 'ADVANCED OPTIONS'. The 'Allow Data Service Link' checkbox is checked and highlighted with an orange box. Below it, there is a text area for defining the data service URL and local variables.

Process Variants	Case count
Create Purchase Order	10,028
Create Purchase Order, Goods Receipt, Scan Invoice...	1
Create Purchase Order, Scan Invoice, Invoice booki...	1
Create Purchase Order, Goods Receipt, Scan Invoice...	40,409
Scan Invoice, Create Purchase Order, Goods Recep...	135
Create Purchase Order, Goods Receipt	1,595
Create Purchase Order, Scan Invoice, Goods Recep...	2,529
Create Purchase Order, Scan Invoice, Invoice booki...	1,722
Create Purchase Order, Scan Invoice, Goods Recep...	3
Create Purchase Order, Scan Invoice, Goods Recep...	1
Create Purchase Order, Scan Invoice, Goods Recep...	92
Create Purchase Order, Goods Receipt, Scan Invoic...	34
Create Purchase Order, Goods Receipt, Invoice boo...	5
Create Purchase Order, Scan Invoice, Goods Recep...	1
Create Purchase Order, Scan Invoice, Goods Recep...	15
Create Purchase Order, Scan Invoice, Goods Recep...	15
Create Purchase Order, Scan Invoice, Goods Recep...	1
Scan Invoice, Create Purchase Order, Goods Recep...	1

(2)

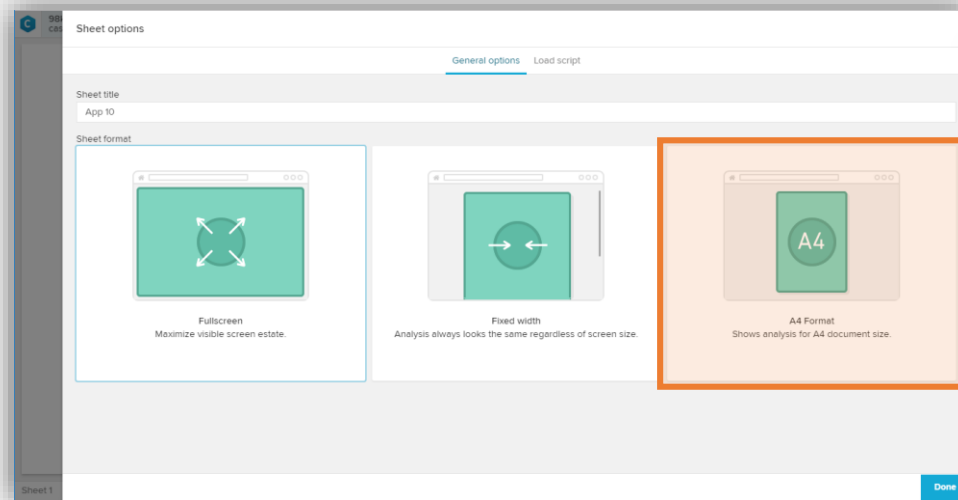
The screenshot shows the SAP Process Mining by Celonis 4.2 interface. The 'Process Variants' table is displayed, and a link is visible in the first column of the table, highlighted with an orange box. The link is a URL that can be clicked to open the data service.

Process Variants	Case count
Create Purchase Order	10,028
Create Purchase Order, Goods Receipt, Scan Invoice, Invoice booking, ...	1
Create Purchase Order, Scan Invoice, Invoice booking, Goods Receipt, ...	1
Create Purchase Order, Goods Receipt, Scan Invoice, Invoice booking, ...	40,409
Scan Invoice, Create Purchase Order, Goods Receipt, Invoice booking, ...	135
Create Purchase Order, Goods Receipt	1,595
Create Purchase Order, Scan Invoice, Goods Receipt, Invoice booking, Pa...	2,529
Create Purchase Order, Scan Invoice, Invoice booking, Goods Receipt, Pa...	1,722
Create Purchase Order, Scan Invoice, Goods Receipt, Invoice booking, Pa...	3
Create Purchase Order, Scan Invoice, Goods Receipt, Invoice booking, Pa...	1
Create Purchase Order, Scan Invoice, Goods Receipt, Invoice booking, Pa...	92
Create Purchase Order, Goods Receipt, Scan Invoice, Invoice booking, Pa...	34
Create Purchase Order, Goods Receipt, Invoice booking	5
Create Purchase Order, Scan Invoice, Goods Receipt, Invoice booking, Pa...	1
Create Purchase Order, Scan Invoice, Goods Receipt, Invoice booking, Pa...	1
Create Purchase Order, Goods Receipt, Reverse Goods Receipt	15
Create Purchase Order, Scan Invoice, Goods Receipt, Invoice booking, Pa...	15
Create Purchase Order, Scan Invoice, Goods Receipt, Invoice booking, Pa...	1
Scan Invoice, Create Purchase Order, Goods Receipt, Invoice booking, Pa...	1

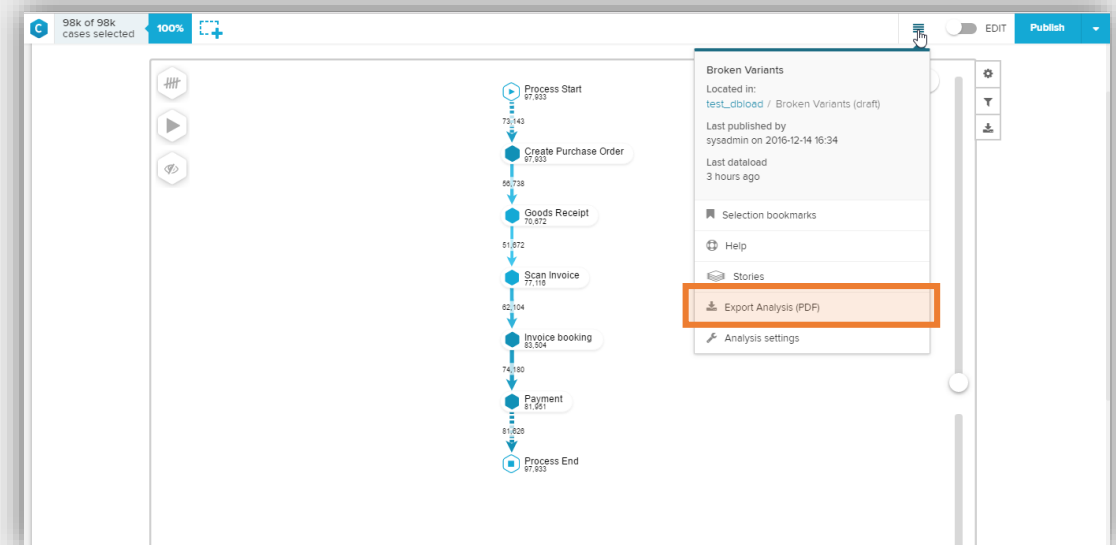
# A4 SHEETS & EXPORTING

The SAP Process Mining by Celonis 4.2 exporting functionalities were extended to create pixel-perfect exports in A4 format. It is now possible to create analysis sheets in A4 format to perfectly fit a printed version (1). Additionally you can simply export the whole analysis from within the analysis settings (2).

(1)



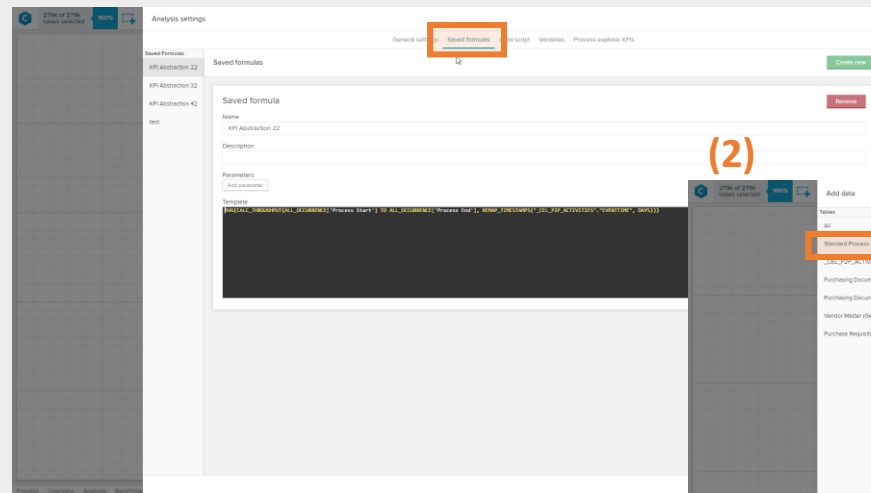
(2)



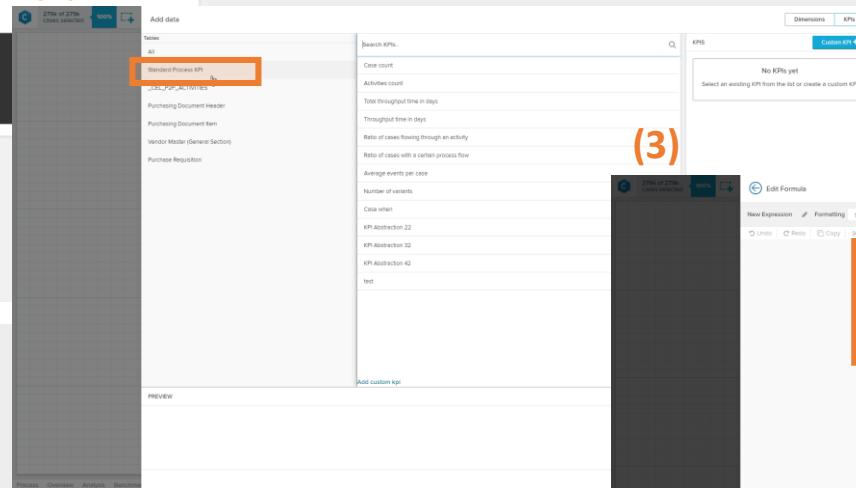
# SAVED FORMULAS

Saved formulas allow you to create your own re-usable KPI library. In the analysis settings it is possible to define formulas (1), which afterwards will be present in the Standard Process KPIs of the data-chooser (2) or the KPI Library of the Visual Code Editor (3). It is possible to define replaceable parts of the formula with the help of customizable parameters. Thereby you can exactly define which parts of your formula are editable by the users.

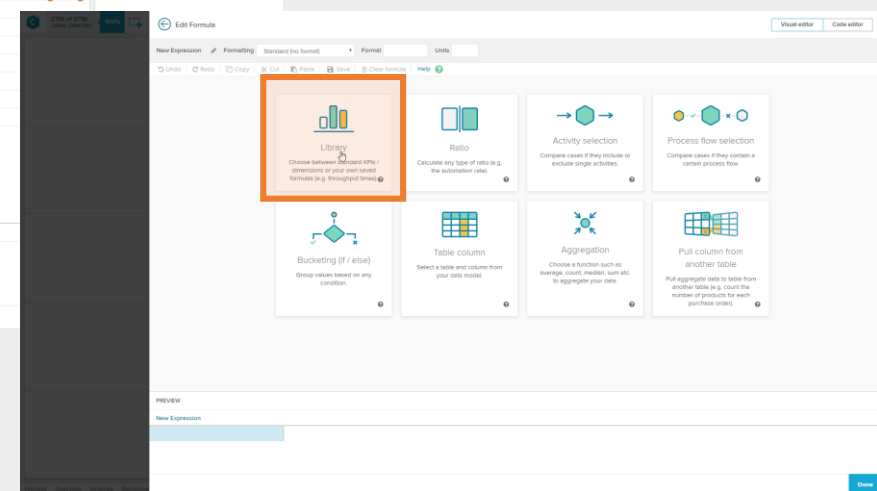
(1)



(2)



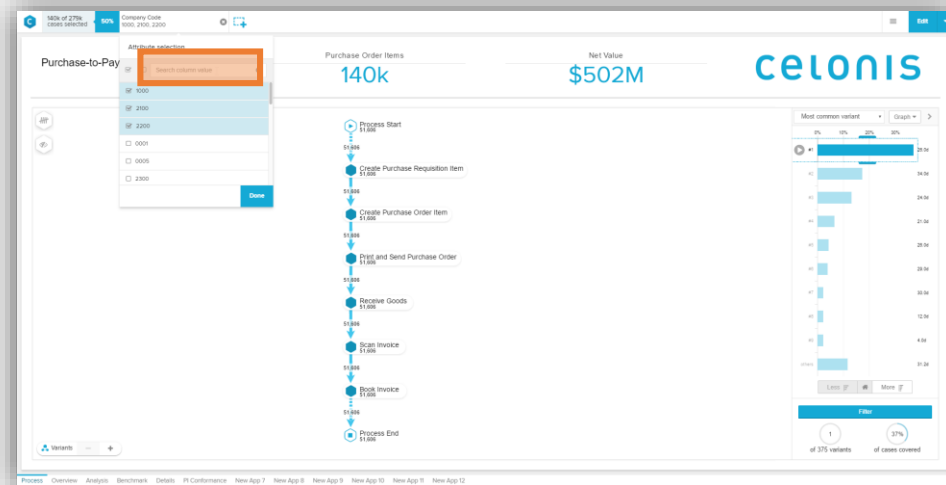
(3)



# MULTI-INPUT-SELECTIONS

SAP Process Mining by Celonis 4.2. allows you to input multi-line-selections to dropdowns and the the selections (1). This will allow you to for example copy and paste multiple lines from an Excel file to SAP Process Mining by Celonis 4.2 and create selections based on that (2).

(1)



(2)

