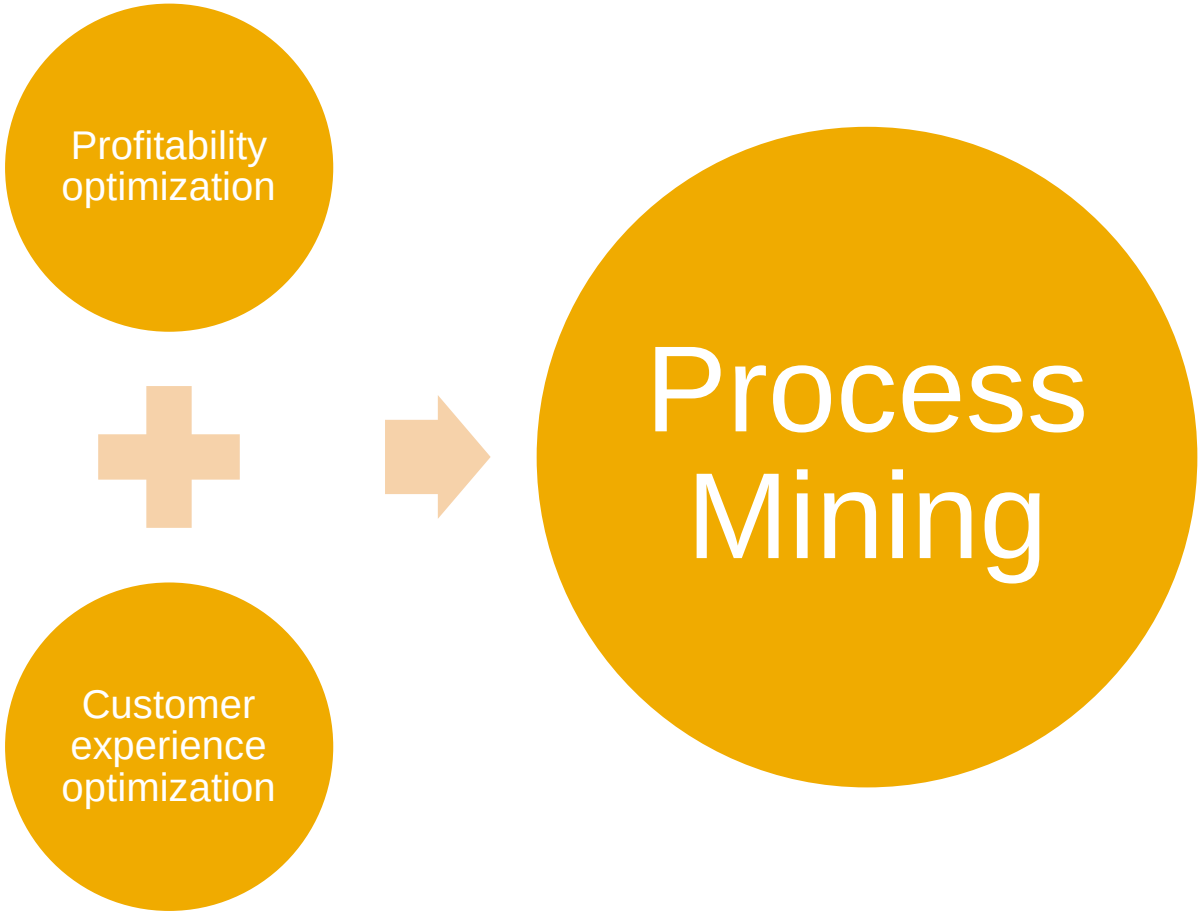


SAP Profitability and Performance Management

Process Mining on S/4 HANA – Production Planning – Details

THE BEST RUN SAP

Profitability and supplier interaction optimization drives process mining



Discover, analyze and optimize your:

- Company process efficiency
- Customer interaction
- Competitive Advantage

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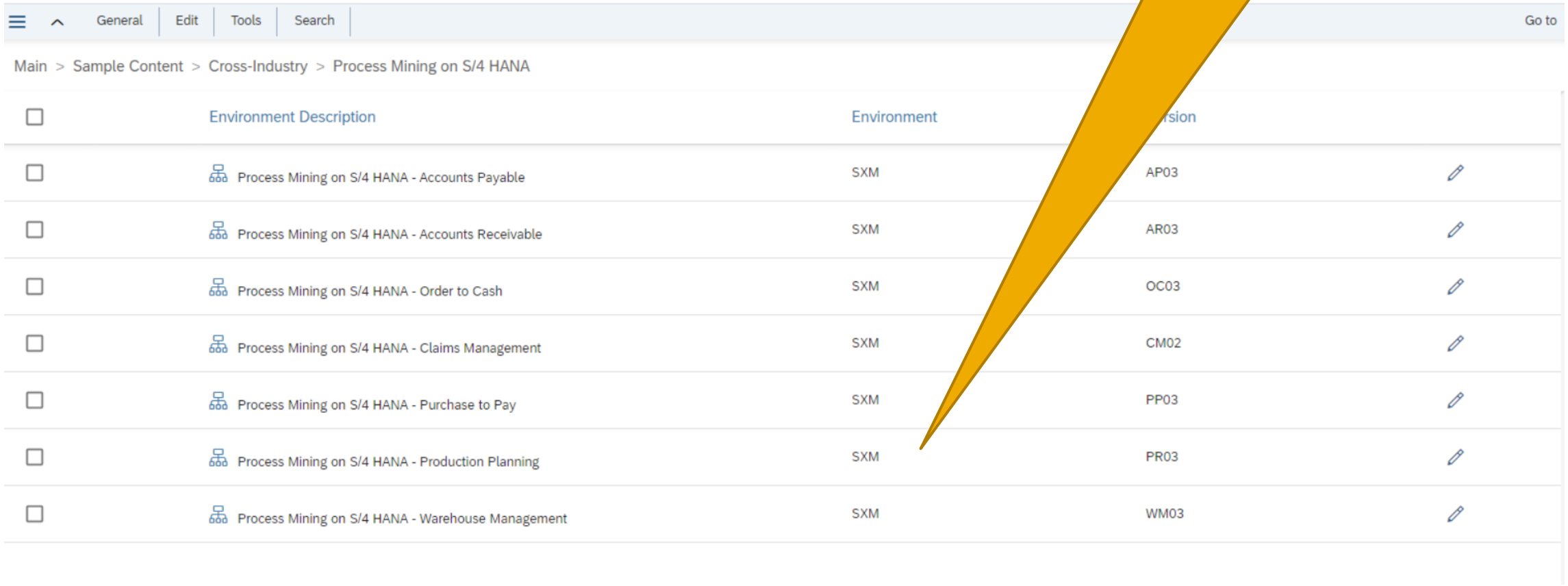
Process Mining – Available Processes

All contents include predefined connections to SAP ERP and S/4 HANA



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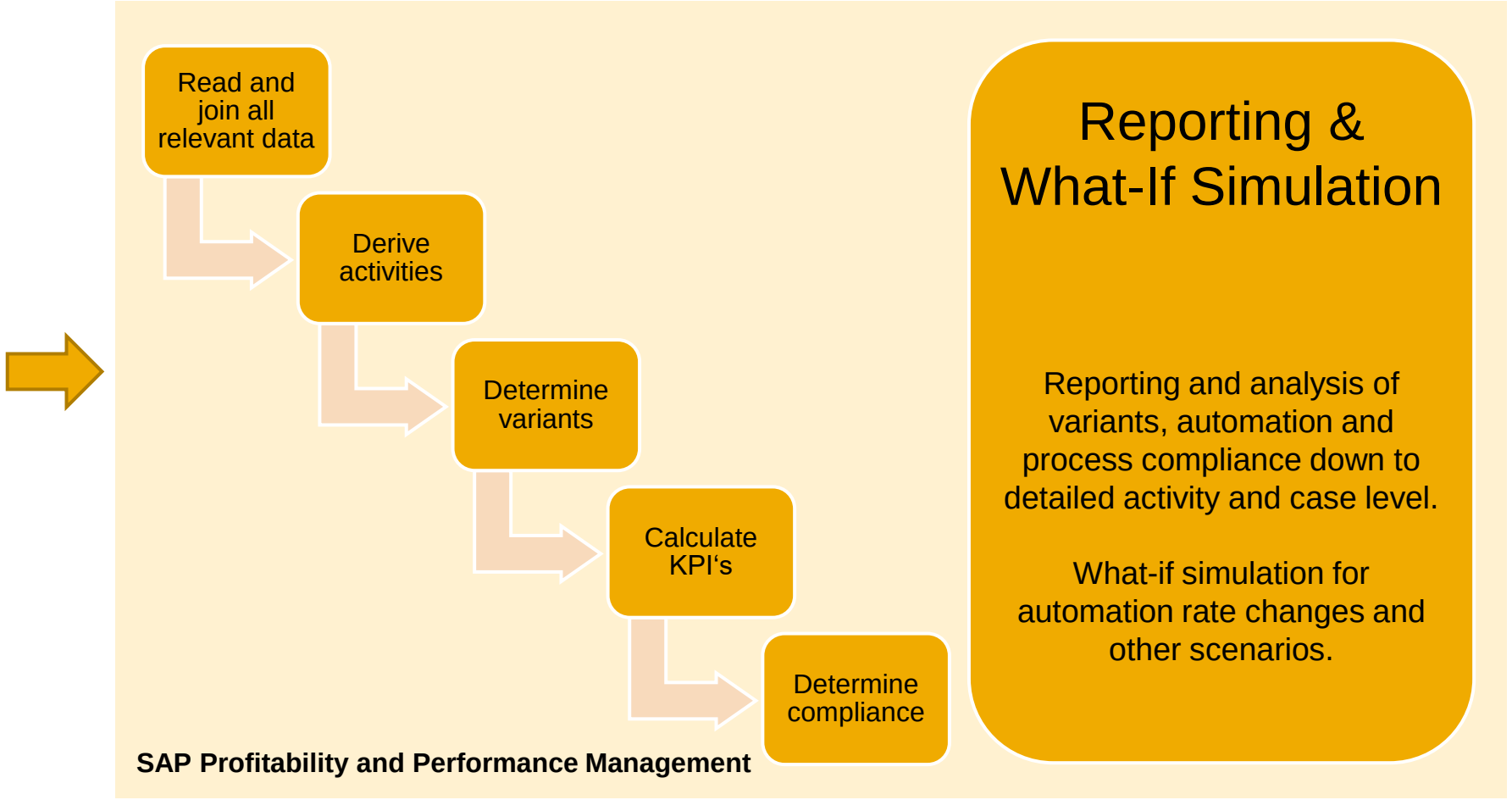
Overview – Process Mining on S/4 HANA – Production Planning data sources, processing and reporting

SAP S/4 HANA

- Event Logs
- Business Partner
- Production Order Documents
- Compliance Violations

- Order Data
- Production Data
- Material Data
- Plant Data



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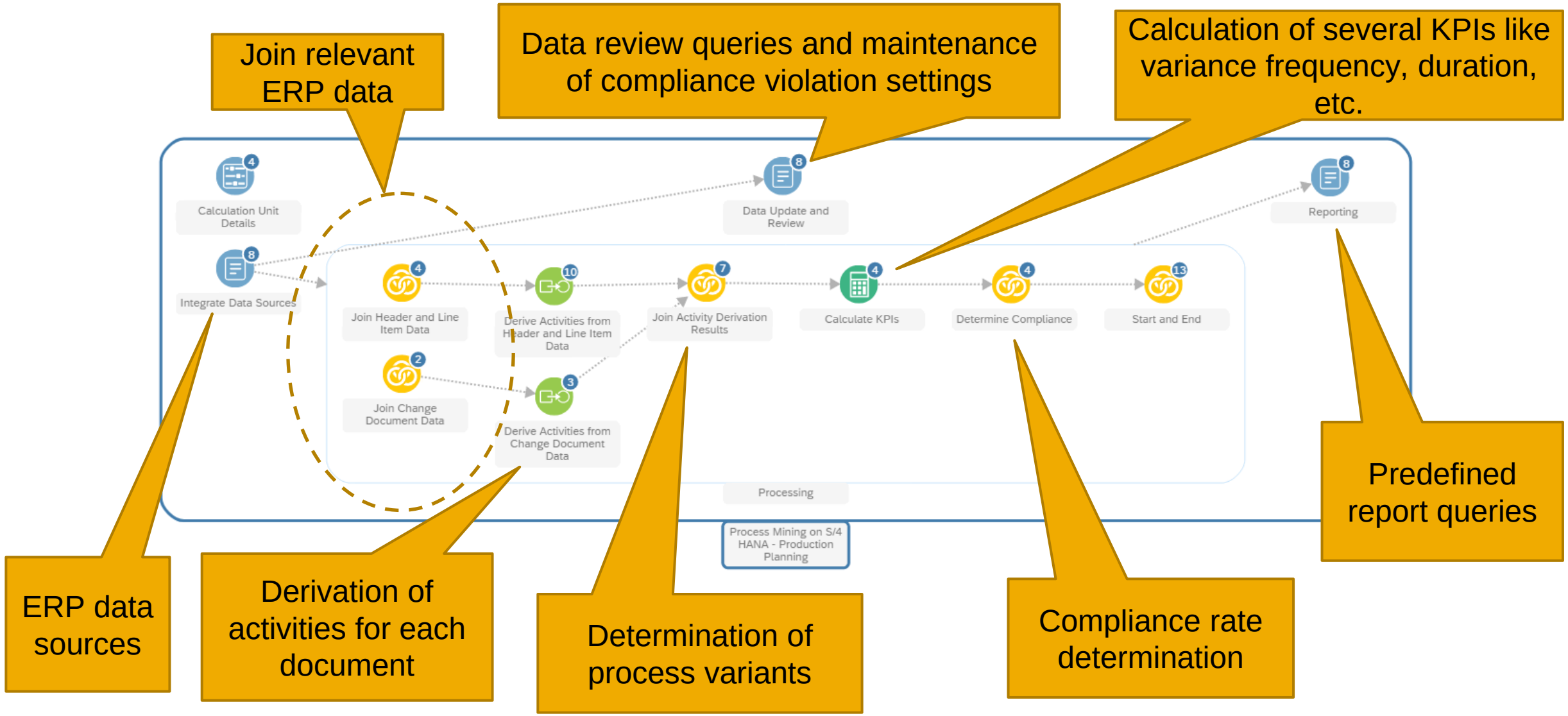
Calculation model of Process Mining on S/4 HANA Production Planning



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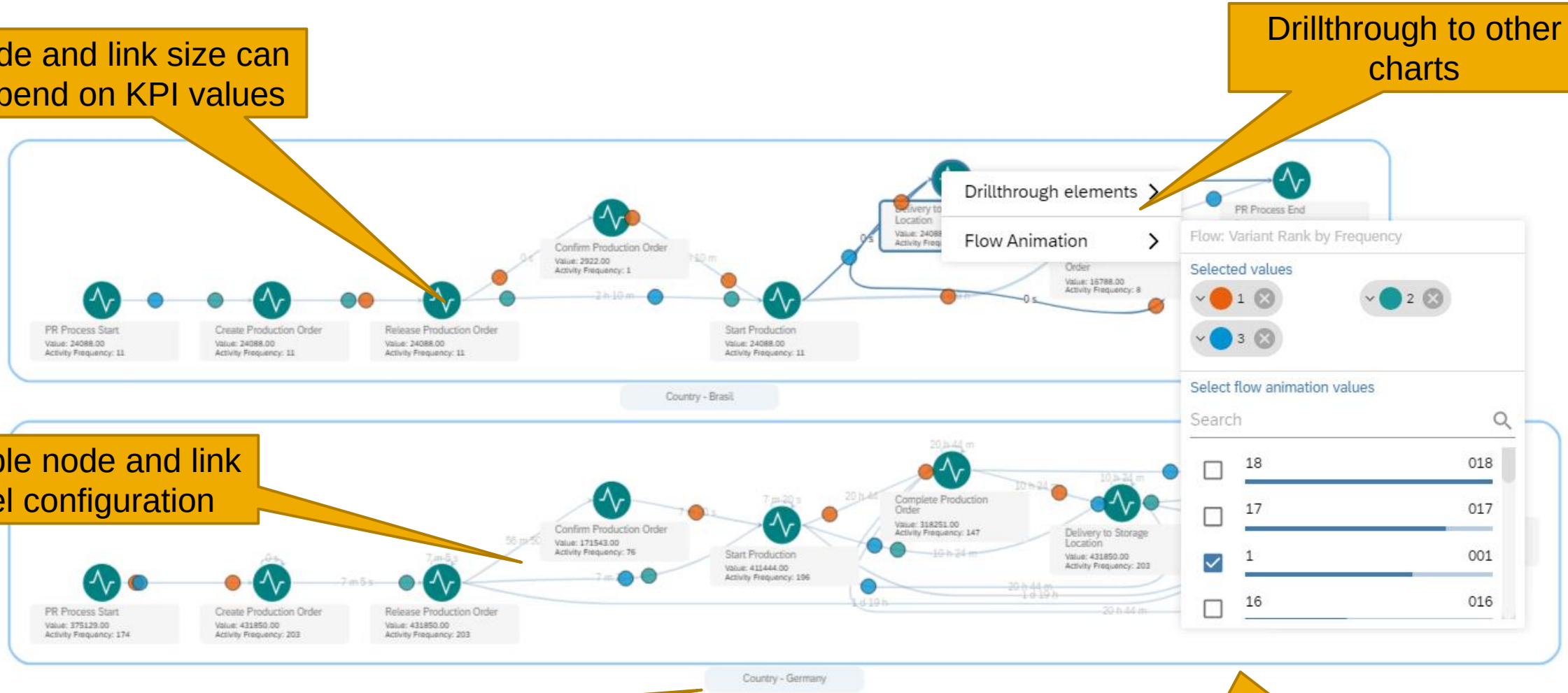
Process Diagram

Node and link size can depend on KPI values

Drillthrough to other charts



Flexible node and link label configuration

Slice and dice processes by any dimension

Process flow animation based on dimension values

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Simulations

Standard Process Mining KPIs

Automation and Compliance Parameters

KPI Simulation Dashboard

Note

To use KPI Dashboard What-If simulation, first expand the property panel on the right side: There are parameters "Auto Rate Change (%)" and "Compliance Rate Change (%)" available.

1. Drag the handle on the slider range to set a numeric value for this parameter. When your desired value is beyond the slider range, you can also directly type a value in the input box under the handle.
2. Click on "Apply" Button on the bottom of property panel to confirm your configuration.
3. Click on "Simulate" Button of "Tools" group on the top menu.

Now the simulation is initialized. As soon as a green message shows that the simulation is done, the right chart of What-If scenario will be updated accordingly. Then the simulation's effect can be verified by comparing the results belo the Baseline scenario.

Actual KPI	Average Throughput (Days)	Average Right First Time Rate	Average Automation Rate	Average Compliance Rate	Hap Path Rate
Baseline Scenario	18,6	0,64	0,54	0,78	0,30
What-If Scenario	18,6	0,64	0,54	0,78	0,30

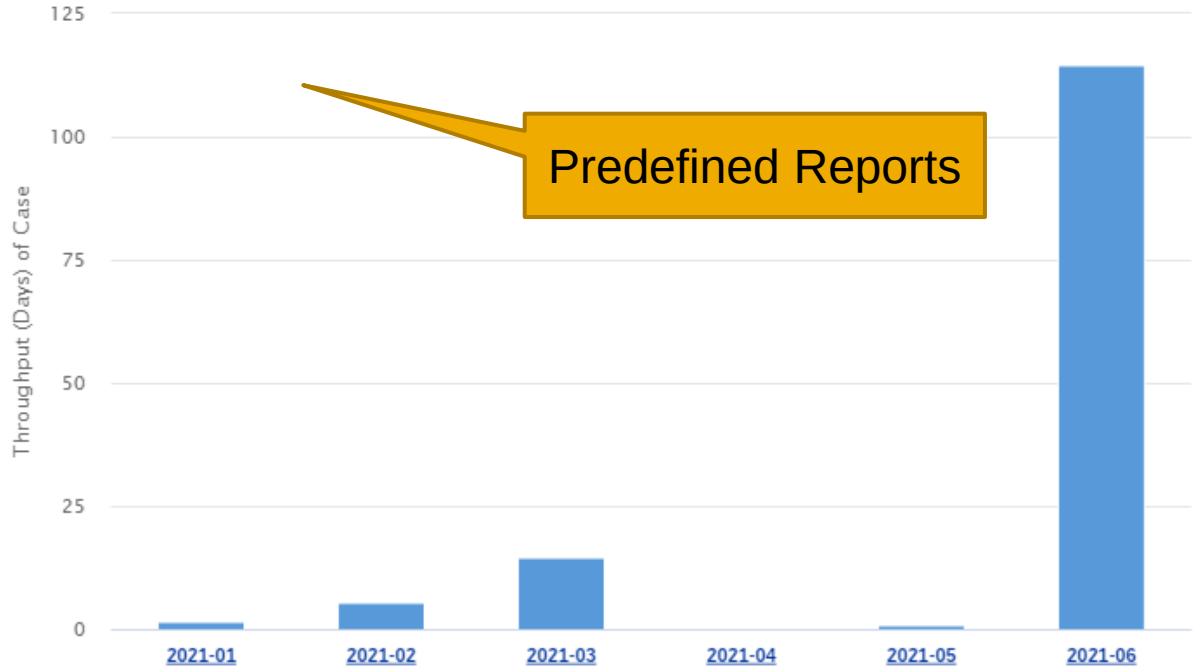
Process Parameters

Search

I_AUTO_RATE_CHANGE Auto Rate Cha (%)

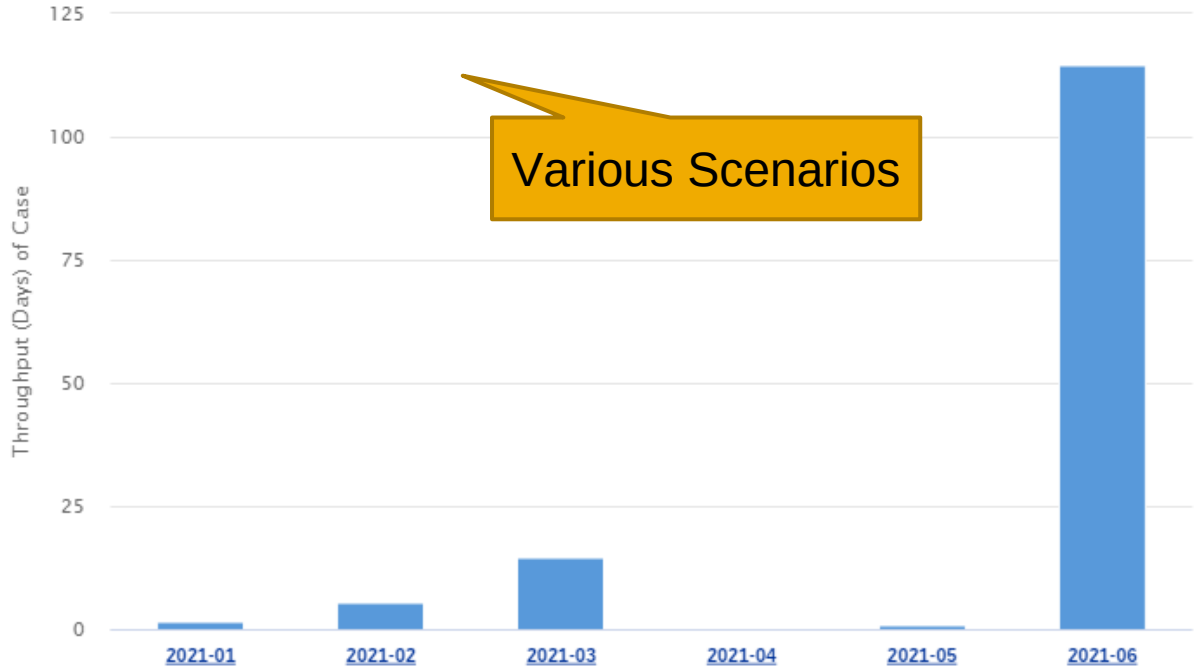
I_COMPL_RATE_CHANGE Compliance Rate Change (%)

Throughput Trend Forecast (Baseline Scenario)



Predefined Reports

Throughput Trend Forecast (What-If Scenario)



Various Scenarios

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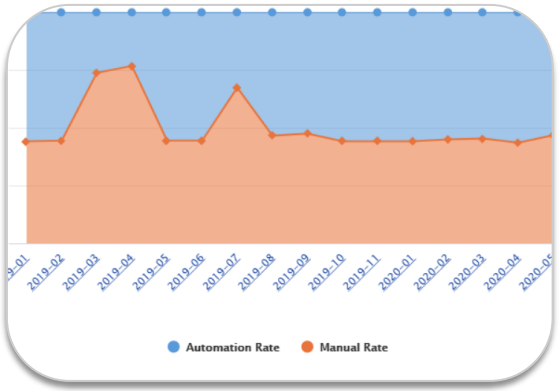
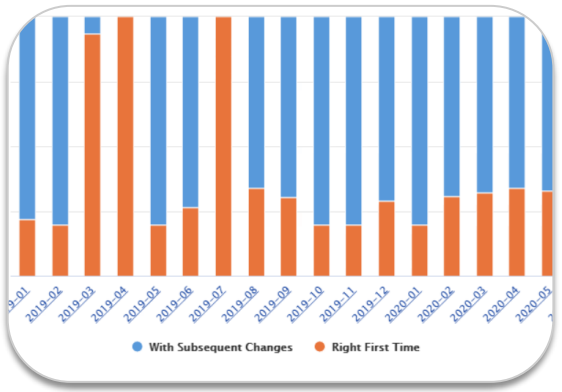
Comprehensive list of KPI's content



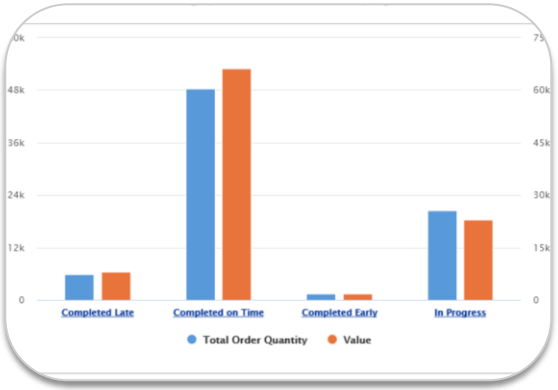
Automation Rate



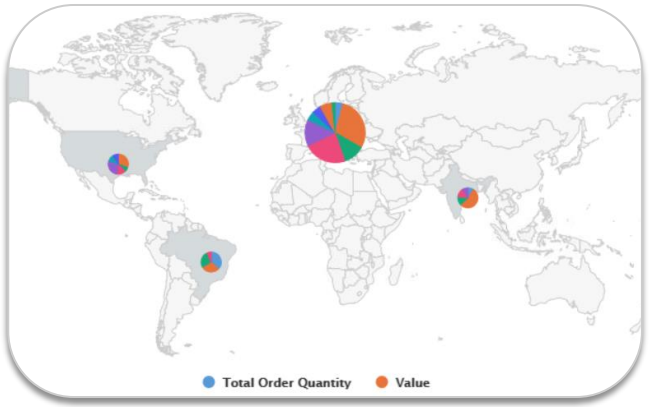
Compliance Rate



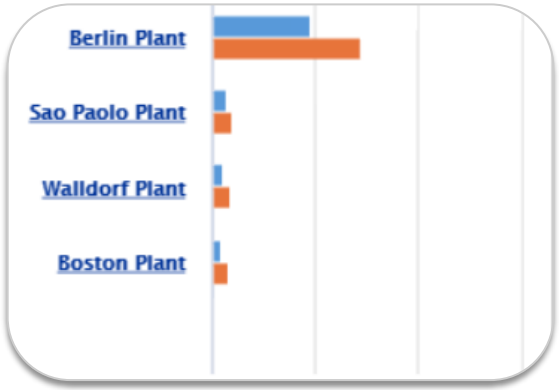
Right First Time



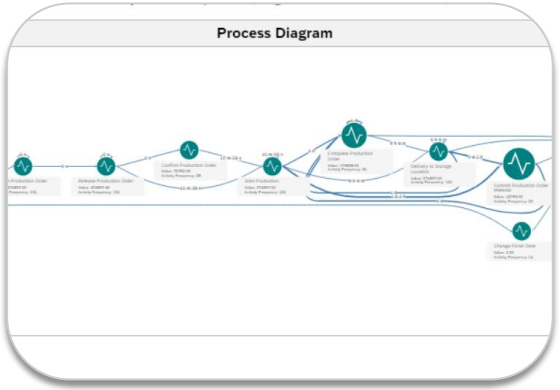
Production Performance



Global Presence



Top Plant List



and many more

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