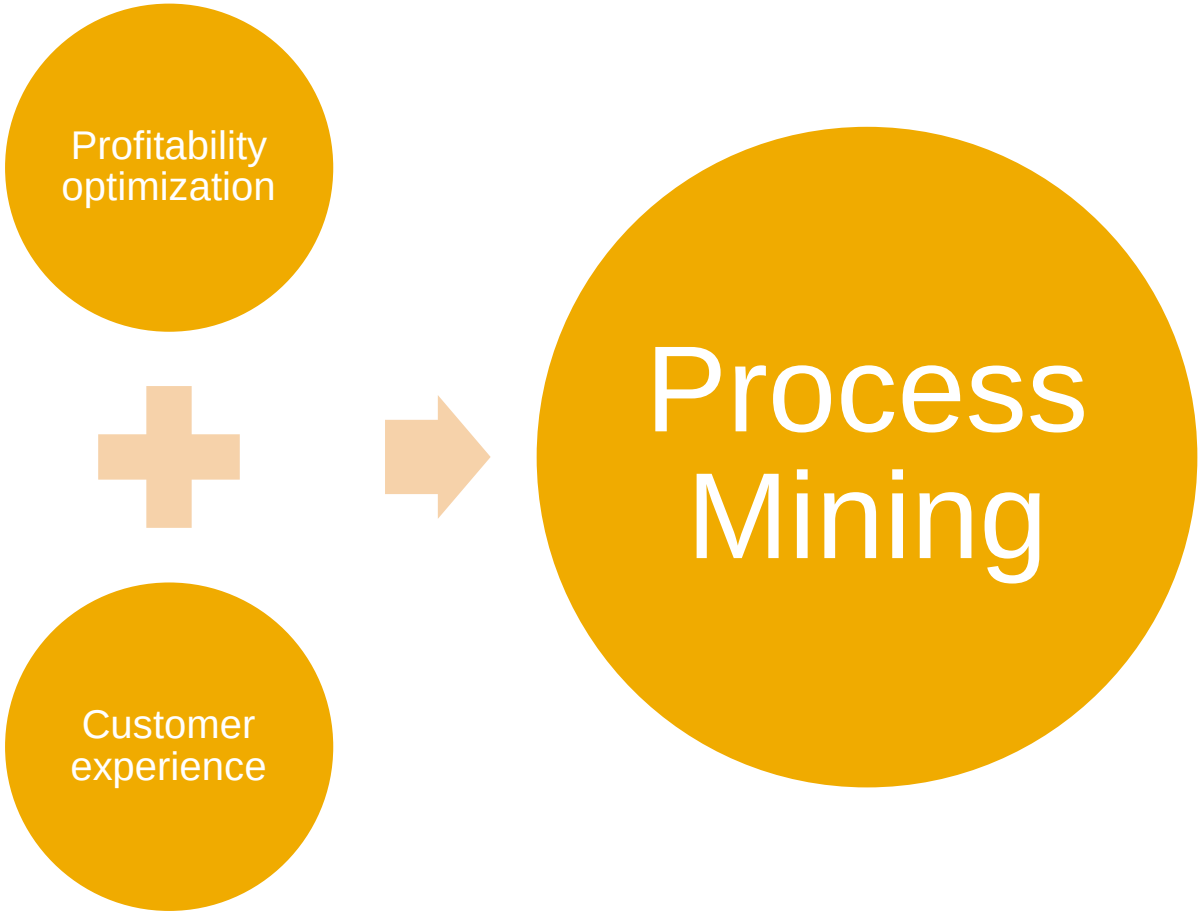


SAP Profitability and Performance Management

Process Mining on S/4 HANA – Accounts Payable Details

THE BEST RUN SAP

Profitability and customer experience optimization drives process mining



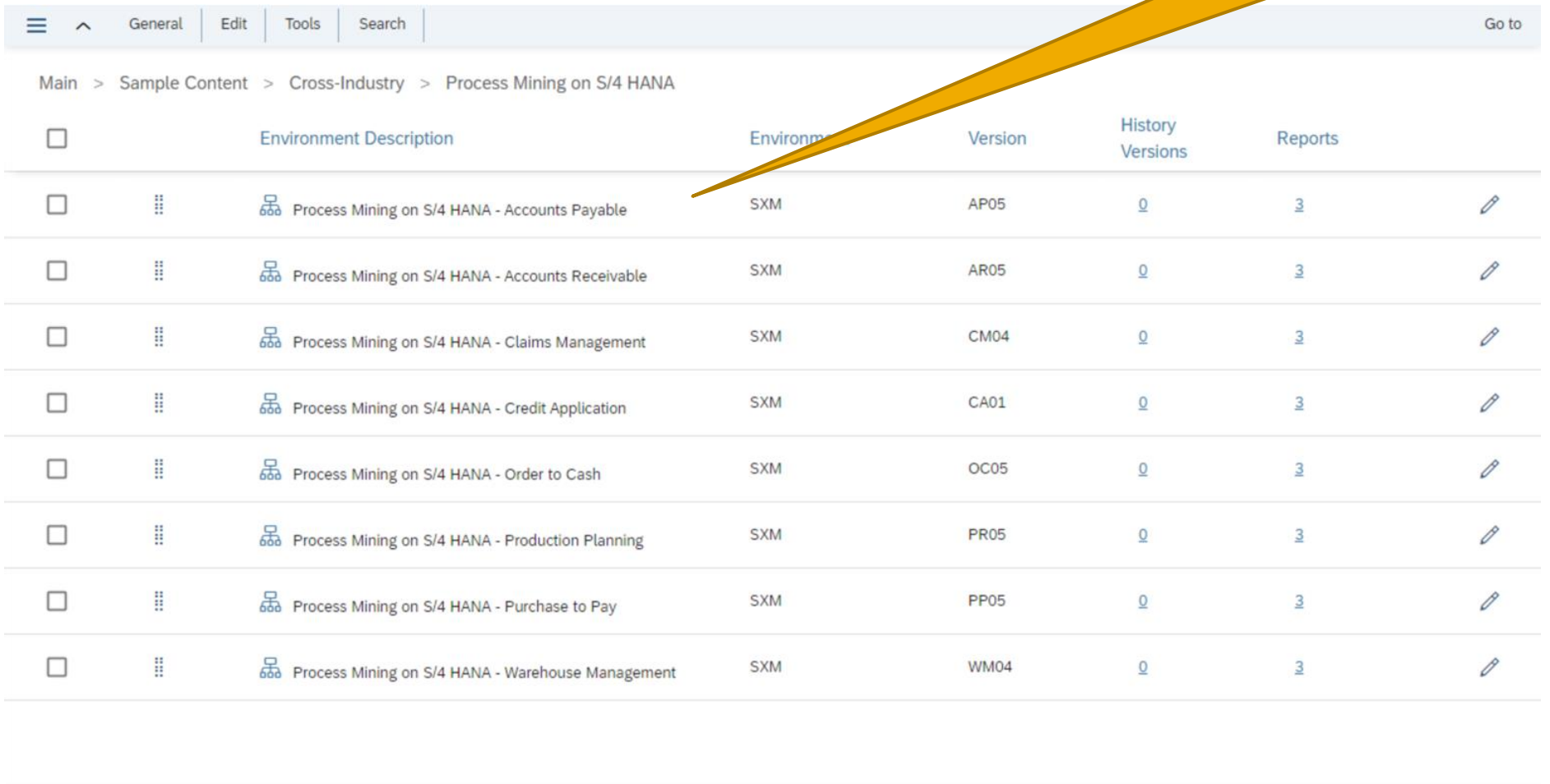
Discover, analyze and optimize your:

- Company process efficiency
- Supplier interaction
- Competitive advantage

© 2021 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Process Mining – Available Processes

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



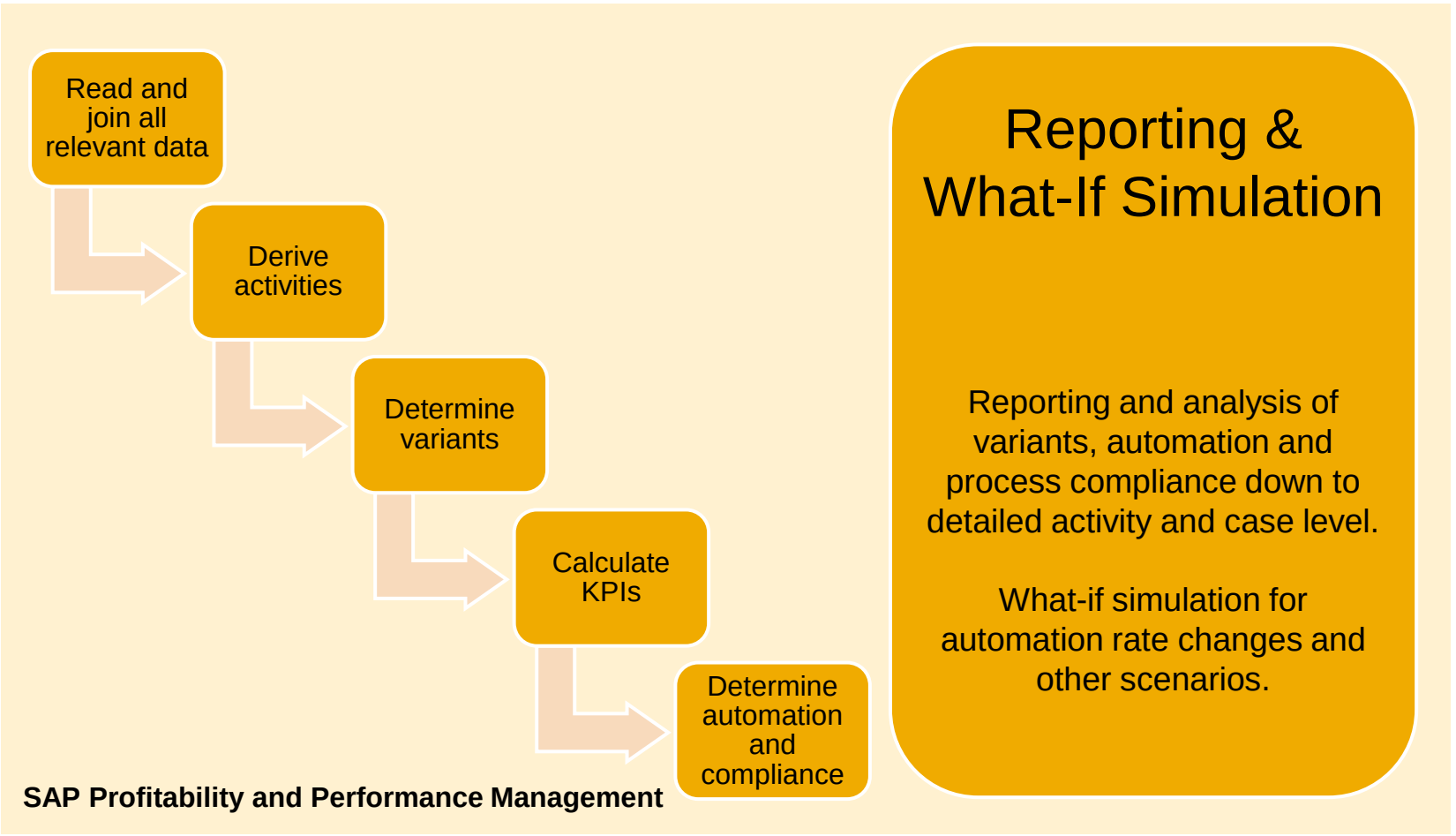
© 2021 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Overview - Process Mining on S/4 HANA – Accounts Payable data sources, processing and reporting

SAP S/4 HANA

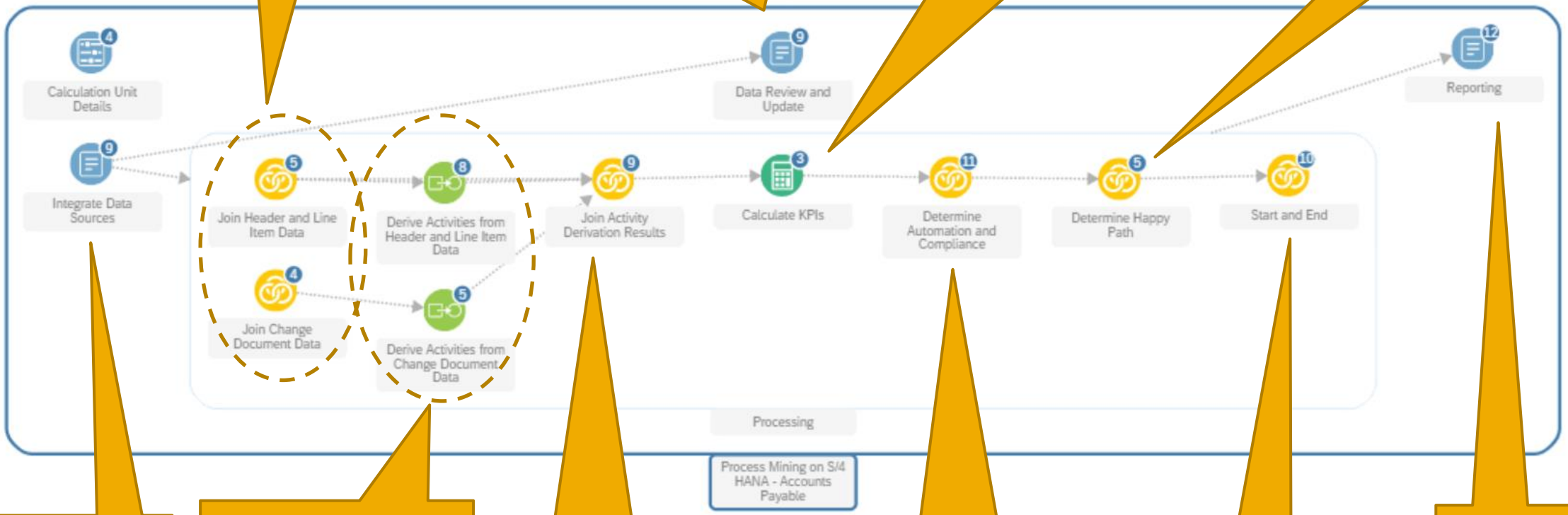
- Event Logs
- Business Partner
- Change Documents
- Compliance Violations

- Order Data
- Vendor Master Data
- Accounting Data
- Process Costs Data



© 2021 SAP SE or an SAP affiliate company. All rights reserved.

Calculation model of Process Mining on S/4 HANA – Accounts Payable



Join relevant ERP data

Data review queries and maintenance of compliance violation settings

Calculation of several KPIs like variance frequency, duration, etc.

Happy path determination

ERP data sources

Derivation of activities for each document

Join activities and determination of process variants

Automation and compliance rate determination

Join start and end result

Predefined report queries

© 2021 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Process Diagram

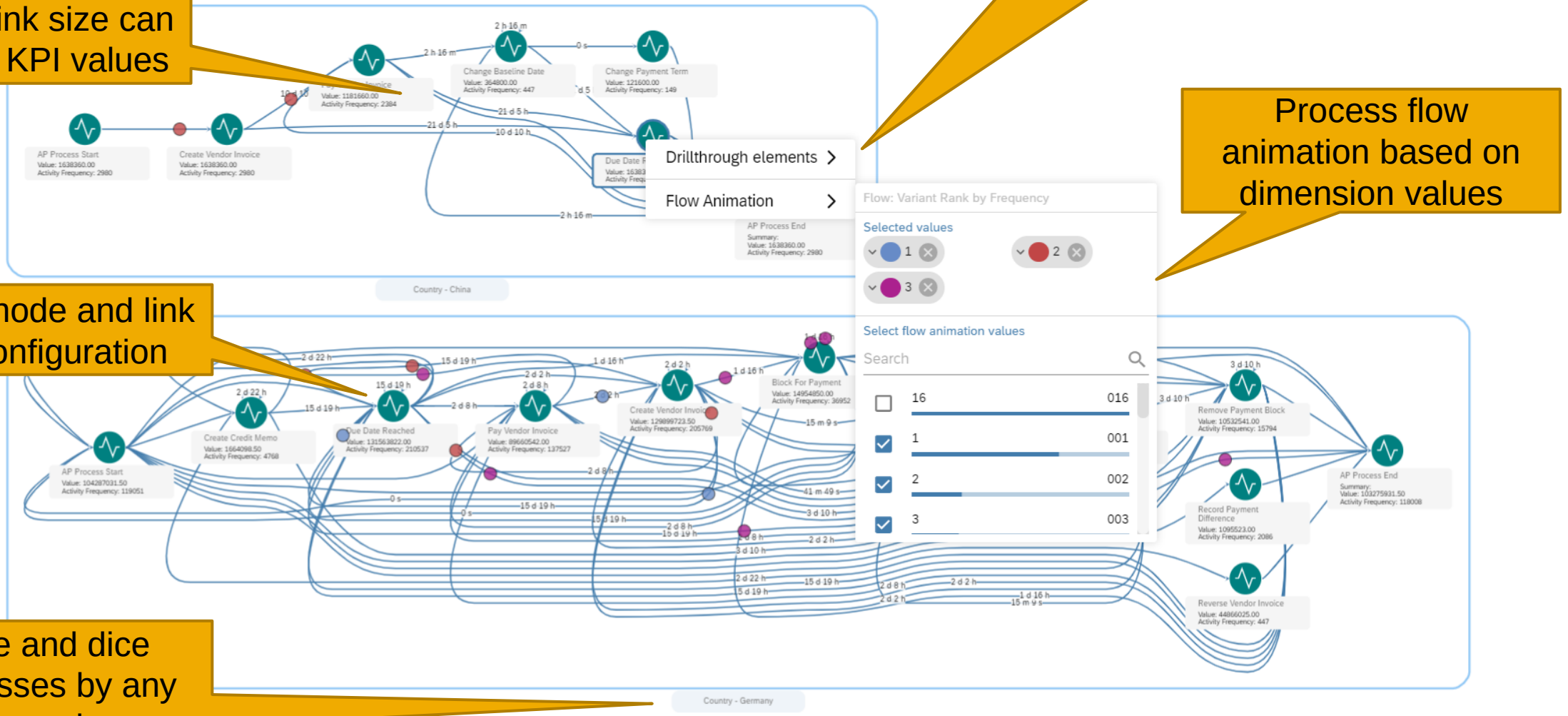
Node and link size can depend on KPI values

Drillthrough to other charts

Process flow animation based on dimension values

Flexible node and link label configuration

Slice and dice processes by any dimension



© 2021 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Simulations

KPI Simulation Dashboard

The KPI Simulation Dashboard uses forecast data to make predictions on how changes in Automation and Compliance rates will affect other KPIs in the Accounts Payable process. The top row of this simulator dashboard presents the current KPI values and by varying Automation and Compliance Parameter, we can see how these rates get affected on the second row.

Note
To use KPI Simulation Dashboard, first expand the property panel on the right side: There are parameters "Auto Rate
available.
1. Drag the handle on the slider range to set a numeric value for this parameter. When your desired value is beyond
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 bottom row of Wh
cenario will be updated accordingly. Then the simulation's effect can be verified by comparing the bottom row to the top one of Baseline scenario.

	Average Throughput (Days)	Average Automation Rate	Average Compliance Rate	Right First Time Rate	Happy Path Rate
Baseline Scenario	21,61	0,08	0,92	0,91	0,13
What-If Scenario	21,61	0,08	0,92	0,91	0,13

Automation and Compliance Parameters

Standard Process Mining KPIs

Search

I_AUTO_RATE_CHANGE Auto Rate Change (%)

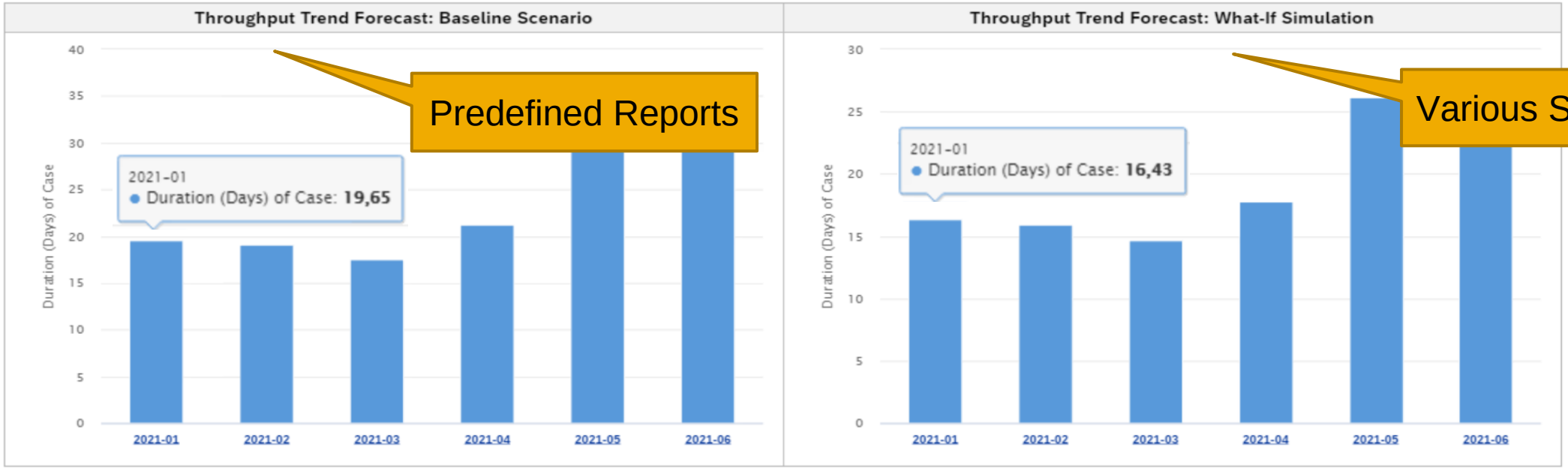
I_COMPL_RATE_CHANGE Compliance Rate Change (%)

Process Selections

Search

Predefined Reports

Various Scenarios



© 2021 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

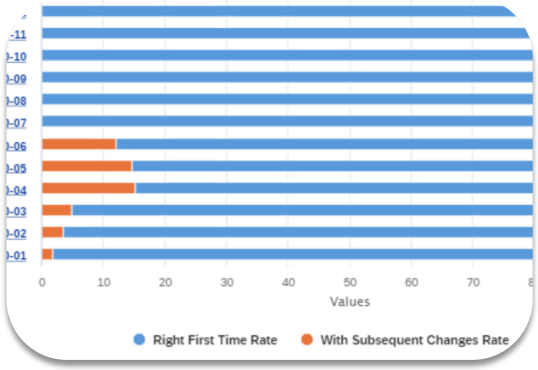
Comprehensive list of KPI's content



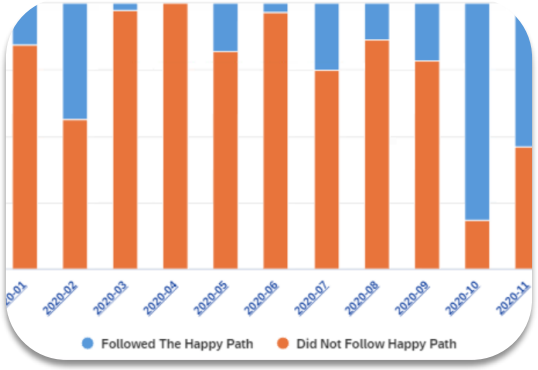
Automation Rate



Compliance Rate



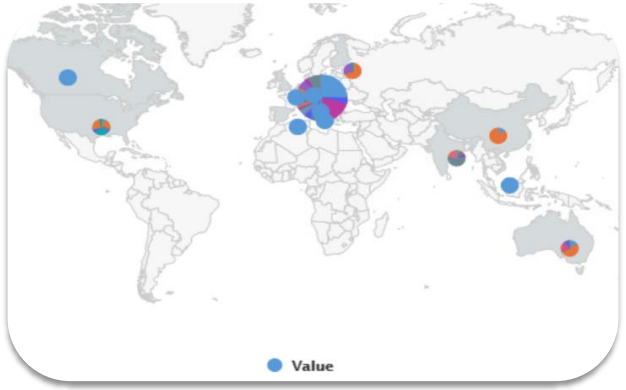
Right First Time



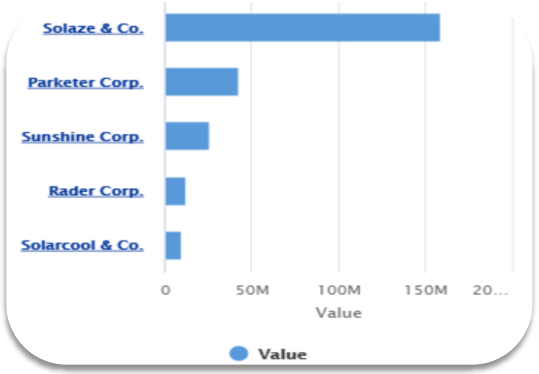
Happy Path Rate



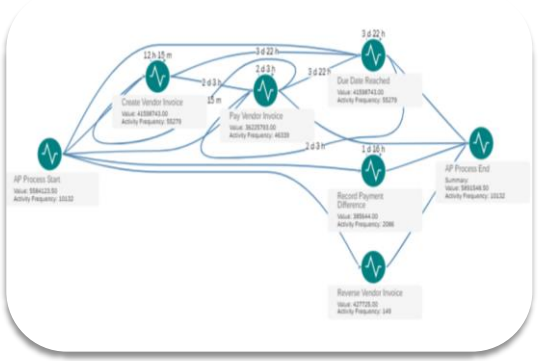
Payment Performance



Global Presence



Top Vendors List



and many more

© 2021 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC