Sample Content for Process Mining on SAP S/4HANA – Accounts Receivable
SAP Profitability and Performance Management
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Sample Content for Process Mining on SAP S/4HANA – Accounts Receivable

Processes and Functions supporting Sample Business Scenarios

Typographic Conventions

Type Style	Description
Example	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.
Example	Emphasized words or expressions.
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
`Example`	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
`Example`	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
`<Example>`	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE	Keys on the keyboard, for example, F2 or ENTER.

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1 Introduction and Basics

1.1 About this Guide

This guide provides information about the sample content for Process Mining on SAP S/4HANA – Accounts Receivable, which can be installed on top of SAP Profitability and Performance Management. This sample content describes a project accelerator, ideas, and best practices for modeling an end-to-end profitability and cost calculation model that is feasible for actuals, planning, forecasting and simulations. It covers the full contribution margin scheme at a granular product level. It also contains references to further documentation that you should read before performing these tasks.

The structure of this document is organized around the following topic:

Business Example

This part of the guide covers the main features of the sample content. It describes the information model and calculation model.

Target Audience:

- Business experts
- Solution consultants
- Presales teams

Considerations

It is essential that you are familiar with the content of the corresponding guides and documents related to this topic before beginning with this example. For more information about the available guides and documents, as well as integration with other systems, roles, configuration information, users and authorization concept, see Related Documentation.

1.2 Constraints

This guide does not provide information about the installation of the sample content. For more information about this, see Related Documentation.

1.3 Related Documentation

The following table lists related documents.

Topic	Guide/Tool/Title	Links
• Installation and planning of your system landscape • Activities to keep the system running • Information about how to ensure the required security for your SAP landscape	Administration Guide	Administration Guide
• SAP Note for Sample content for Process Mining on SAP S/4HANA – Accounts Receivable	Sample content for Process Mining on SAP S/4HANA – Accounts Receivable	https://launchpad.support.sap.com/#/notes/2901583 SAP Note 2901583
• Operation of SAP NetWeaver	Technical Operations Manual	https://help.sap.com/viewer/p/SAP_NETWEAVER_750
• Application Help	Detailed Application help for SAP Profitability and Performance Management	SAP Profitability and Performance Management
• SAP HANA Administration Guide	Administration guide for SAP HANA; supported SDA databases	https://help.sap.com/viewer/product/SAP_HANA_PLATFORM/
• SAP Notes		https://launchpad.support.sap.com/

1.4 Glossary

ERP	**Enterprise Resource Planning System**
KPI	Key Performance Indicator
AR	Accounts Receivable

2 Business Example

The market is at the dawn of the next big technology change where everything is connected and software is imbedded in people's lives. This technology change is bringing new opportunities and new threats. Cycle time for innovation is 5–10 times faster, and enterprises can reduce complexity to be more competitive. Business efficiency is ahead of the market and product and service profitability are constantly tracked and optimized.

That is why digital performance management will be the game-changer for companies who want to be successful in the digital economy. A digital performance management solution for 21st century business needs to measure and manage enterprise efficiency and drive product and service profitability in real time.

Built on SAP HANA, SAP Profitability and Performance Management is a next generation digital performance management solution that provides breakthrough real-time business data aggregation capabilities for SAP and non-SAP systems, a high-speed finance and risk calculation engine and comprehensive simulation and scenario management.

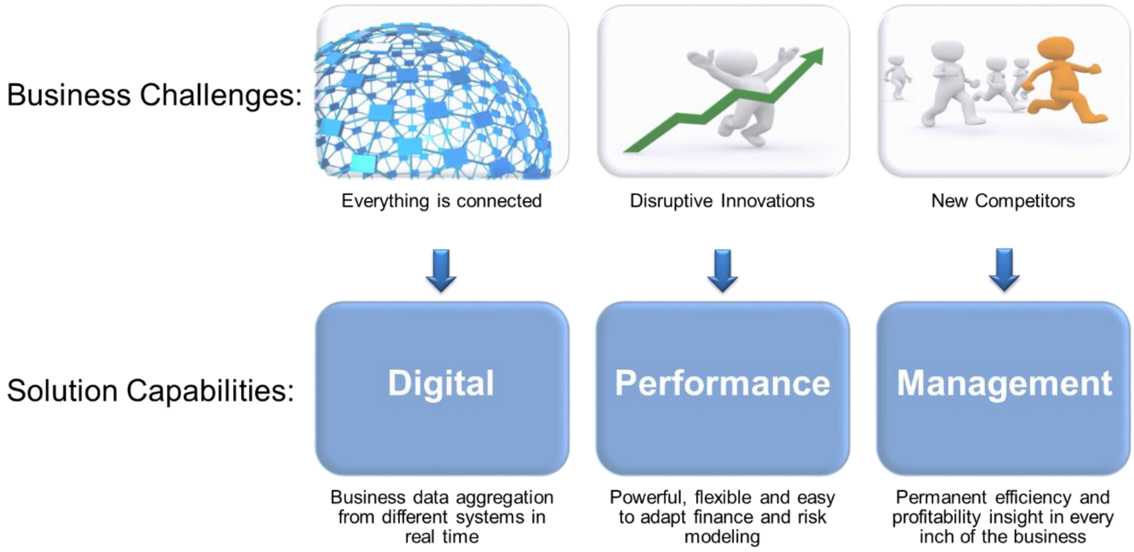

Figure 1: Digital Imperative

2.1 Scope and Business Definition

This sample content covers the analysis of sample process data coming from standard SAP tables in the area of Accounts Receivable, comprising certain aspects of data integration, data input, processing (including derivations and calculations), as well as reporting.

The result of this, hopefully, will allow business users to gain useful insights into their organization's processes and equip them with information that they can use as basis for managing these processes.

The following screenshot shows the function hierarchy of the sample content and the process template.

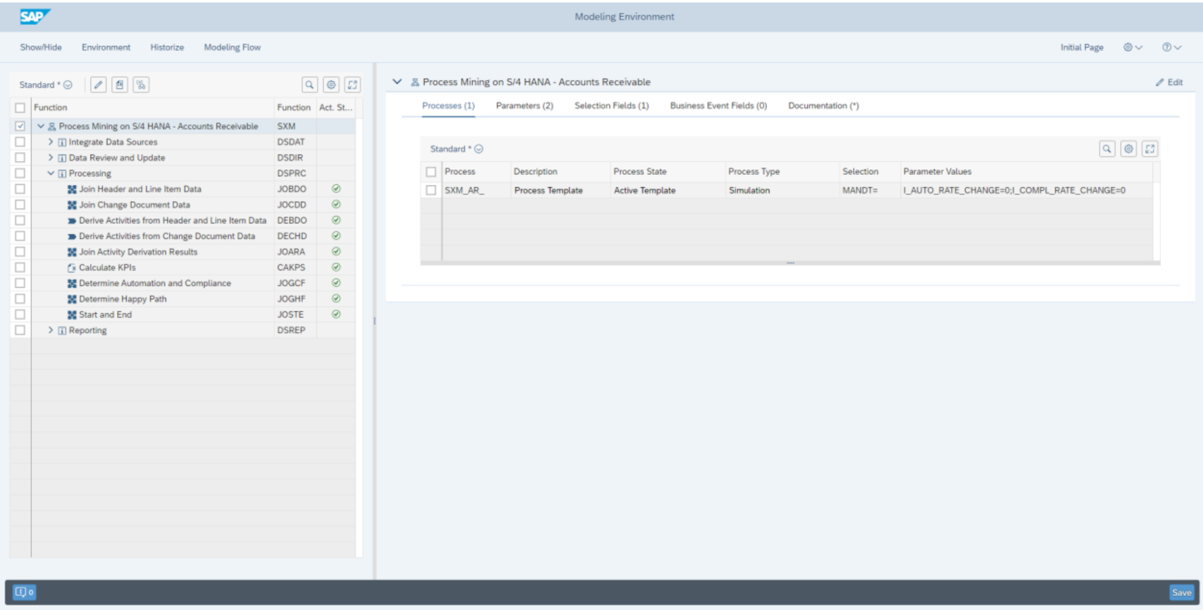

Figure 2: Sample Content Information and Calculation Model

You can also find the information contained in the following chapters on the respective *Documentation* tabs for the model.

3 Process Mining on SAP S/4HANA – Accounts Receivable in Detail

Process Mining on SAP S/4HANA for Accounts Receivable module aims to extract event information from standard ERP tables and use this information to understand how processes flow within an organization and gain insights on where improvements can be made in the process chain.

This sample content covers an end-to-end example of accounts receivable process with focus on some important Key Performance Indicators (KPIs) like Throughput Time, Happy Path, Level of Automation and Compliance to standard processes.

This sample content comes with the SAP Profitability and Performance Management Software Installation.

It consists of one Calculation Unit function and is structured underneath by description functions in the following sections:

Integrate Data Sources

Defines manually loaded data, as well as an option to fetch data from a remote SAP system, as input for the subsequent functions.

Data Review and Update

Provides specific review and update options for the tables.

Processing

All the processing functions such as data enrichment, derivation of activities and calculation of KPIs are defined in this part.

Basic processes:

- Collection of main data from header and item tables, as well as data from change tables
- Data enrichment where some characteristics are fetched from other tables such as customer/vendor, country/region, etc.
- Derivation of activities
- Calculation of KPIs
- Determination of Activity Automation and Compliance
- Determination of Happy Path
- Finalization of data for use in reporting, such as generation of a START and END activity ID for all cases and ranking of variants according to their frequency of occurrence

Reporting

There are self-service reports where all the relevant key figures and characteristics are included, which, through selections and filters can produce reports tailor-made for the user's requirements.

All execution activities are configured without dependency, so that they can be executed in parallel for demo purposes. In implementation projects dependent activities can be defined instead if needed.

For execution activities no performer and reviewer teams are assigned, that means every execution user can run the activities. In implementation projects teams need to be assigned to restrict the authorizations to relevant users.

3.1 Integrate Data Sources

In this section the necessary data sources are defined. This sample content works with own data and cannot presume any custom specific system landscape, application or interface.

The integration of data sources uses therefore functions of type Model Table to make test data available and these Model Tables need to be exchanged with other model functions in an implementation project to connect to the real and concrete customer data sources and targets.

A selection is done on the *Client (MANDT)* in the top views as it is what is expected in the implementation project. These views can also be redirected to own data for testing purposes.

Standard SAP ERP tables and fields are being used but the information model is kept lean to ease the adaption in an implementation project. For example, it assumes just some fields from each table are used, which is enough in most cases and obviously much easier to provide.

This section defines manually loaded data used in the subsequent functions:

- *BKPF – Accounting Documents Header*
- *BSEG – Accounting Documents Items*
- *CDHDR - Change Documents Header*
- *CDPOS - Change Documents Items*
- *KNA1 – Customer Master Data*
- *MARA – General Material Table*
- *USR02 – Logon Data*
- *Automatic Transactions*
- *Process Compliance Rules*
- *Process Forecast Data*

3.1.1 BKPF – Accounting Documents Header

This function replicates the data from the ERP system and allows for it to be utilized as a data source for downstream functions.

It contains the following fields:

- *BELNR*: Accounting Document Number
- *BLART*: Document Type
- *BLDAT*: Document Date in the Document

- *BUDAT*: Posting Date in the Document
- *BUKRS*: Company Code
- *CPUDT*: Date of Entry
- *CPUTM*: Time of Entry
- *GJAHR*: Fiscal Year
- *MANDT*: Client
- *TCODE*: Transaction Code
- *USNAM:* User Name

3.1.2 BSEG – Accounting Documents Items

This function replicates the data from the ERP system and allows for it to be utilized as a data source for downstream functions.

It contains the following fields:

- *AUGBL*: Document Number of the Clearing Document
- *AUGCP*: Clearing Entry Date
- *AUGDT*: Clearing Date
- *BELNR*: Accounting Document Number
- *BSCHL*: Posting Key
- *BUKRS*: Company Code
- *BUZEI*: Number of Line Item Within Accounting Document
- *DMBTR*: Amount in Local Currency
- *GJAHR*: Fiscal Year
- *H_HWAER*: Local Currency
- *KOART*: Account Type
- *KUNNR*: Customer Number
- *LIFNR*: Vendor/Supplier Number
- *MANDT*: Client
- *MANSP*: Dunning Block Flag
- *ZBD3T*: Net Payment Terms Period
- *ZFBDT*: Baseline Date for Due Date Calculation
- *ZLSPR*: Payment Block Key
- *ZTERM*: Terms of Payment Key
- *MADAT*: Date of Last dunning
- *WERKS*: Plant
- *MATNR*: Material

3.1.3 CDHDR – Change Documents Header

This function replicates the data from the ERP system and allows for it to be utilized as a data source for downstream functions.

It contains the following fields:

- *ACT_CHNGNO*: Change number of the document created by this change
- *MANDT*: Client
- *CHANGENR*: Document Change Number
- *OBJECTCLAS*: Object Class
- *OBJECTID*: Object Value
- *UDATE*: Change Event Date
- *UTIME*: Change Event Time
- *CHNGIND*: Change Indicator
- *USERNAME:* Name of the Person responsible in Change Document
- *TCODE*: Transaction Code

3.1.4 CDPOS – Change Documents Items

This function replicates the data from the ERP system and allows for it to be utilized as a data source for downstream functions.

It contains the following fields:

- *CHANGENR*: Change Number of Document
- *MANDT*: Client
- *FNAME*: Field Name
- *OBJECTCLAS*: Object Class
- *OBJECTID*: Object ID
- *TABKEY*: Changed Table Record Key
- *TABNAME*: Table Name
- *CHNGIND*: Change Indicator
- *VALUE_NEW*: New Value
- *VALUE_OLD*: Old Value

3.1.5 KNA1 – Customer Master Data

This function replicates the data from the ERP system and allows for it to be utilized as a data source for downstream functions.

It contains the following fields:

- *KUNNR*: Customer Number
- *LAND1*: Country/Region
- *MANDT*: Client
- *NAME1*: Customer Name
- *ORT01*: City

3.1.6 MARA – General Material Table

This function replicates the data from the ERP system and allows for it to be utilized as a data source for downstream functions.

It contains the following fields:

- *MANDT*: Client
- *MATNR*: Material Number
- *MATKL*: Material Group
- *KUNNR*: Customer Number

3.1.7 USR02 – Logon Data

This function replicates the data from the ERP system and lists different types of user in O2C process that can be utilized to determine user types.

It contains the following fields:

- *MANDT:* Client
- *BNAME:* User name
- *USTYP:* User Type

3.1.8 Automatic Transactions

This function lists all combinations of automatic transaction in AR process and allows for it to be utilized to determine automation rate.

It contains the following fields:

- *USTYP:* User Type
- *TCODE:* Transaction Code
- *AUTO_FLAG:* Automation Flag
- *AUTID:* Automation ID

3.1.9 Process Compliance Rules

This function describes undesired violations for process compliance and desired activity sequence for desired process path - Happy path. Compliance violations are sequence and outright. Sequence violation means that the order of activities is not preferable. Outright violation exists for undesired activities. Happy path indicates desirable activity sequence, while white list indicates undesirable process path.

It contains the following fields:

- *ACT_ID:* Activity ID
- *ACT_PREC:* Preceding Activity ID
- *ACT_FOLL:* Following Activity ID
- *COMCSS:* Compliance Class
- *COMID:* Compliance ID

3.1.10 Process Forecast Data

This model table consists of all available fields in the last *Start and End* **JOSTE** function and it is used for simulation purposes.

3.2 Data Review and Update

These Query functions are used to provide read data access to all input data and maintenance of data by execution users are defined for the Process Mining calculation.

See the corresponding Model Tables in Integrate Data Sources for details about the fields.

3.2.1 Review Accounting Documents Header

This Query function provides read data access to *Accounting Documents Header* data, which serves as an input for the Process Mining calculation.

See BKPF - Accounting Documents Header Model Table in Integrate Data Sources for details about the fields.

3.2.2 Review Accounting Documents Items

This Query function provides read data access to *Accounting Documents Items* data, which serves as an input for the Process Mining calculation.

See BSEG - Accounting Documents Items Model Table in Integrate Data Sources for details about the fields.

3.2.3 Review Change Documents Header

This Query function is used to provide read data access to *Change Documents Header* data, which serves as an input for the Process Mining calculation.

See CDHDR - Change Documents Header Model Table in Integrate Data Sources for details about the fields.

3.2.4 Review Change Documents Items

This Query function provides read data access to *Change Documents Items* data, which serves as an input for the Process Mining calculation.

See CDPOS - Change Documents Items Model Table in Integrate Data Sources for details about the fields.

3.2.5 Review Customer Master Data

This Query function provides read data access to *Customer Master Data*, which serves as an input for the Process Mining calculation.

See KNA1 - Customer Master Data Model Table in Integrate Data Sources for details about the fields.

3.2.6 Review General Material Table

This Query function provides read data access to *Material Master Data*, which serves as an input for the Process Mining calculation.

See MARA - General Material Table Model Table in Integrate Data Sources for details about the fields.

3.2.7 Review Logon Data

This Query function is used to provide read data access to *Logon Data*, which serves as an input for the Process Mining calculation.

See USR02 - Logon Data model table in Integrate Data Sources for details about the fields.

3.2.8 Update Automatic Transactions

This Query function is used to provide read and update data access to *Automatic Transactions* data, which serves as an input for the Process Mining calculation.

Please see Automatic Transactions Model Table in Integrate Data Sources for details about the fields.

3.2.9 Update Process Compliance Rules

This Query function is used to provide read and update data access to *Process compliance Rules* data, which serves as an input for the Process Mining calculation.

See Process Compliance Rules Model Table in Integrate Data Sources for details about the fields.

3.2.10 Review Process Forecast Data

This Query function is used to provide read data access to *Process Forecast Data*, which serves as an input for the Process Mining calculation.

See Process Forecast Data model table in “Integrate Data Sources” for details about the fields.

3.3 Processing

In this section, the core functions of the model are executed.

This stream takes the data from Account Receivable and analyses the process.

The starting points are the *Accounting Documents Header/Items* in *BKPF/BSEG* and the document changes in *CDHDR/CDPOS*. Only documents relevant to Accounts Receivable are selected here.

Key activities are then derived both from the documents and their changes and each document is assigned a unique Case ID. Lines in the final document will represent activities and will be marked by a timestamp and some additional fields like an automation and compliance flag. The cases are grouped into different variants (unique sequence of activities) which are then ranked according to their frequency of occurrence. KPIs are then computed to provide some useful information to understand the process and where, when and how it deviates from the standard variant.

Input:

- *BKPF – Accounting Documents Header*
- *BSEG – Accounting Documents Items*
- *CDHDR – Change Documents Header*
- *CDPOS – Change Documents Items*
- *KNA1 – Customer Master Data*
- *MARA – General Material Table*
- *USR02 – Logon Data*
- *Automatic Transactions*
- *Process Compliance Rules*
- *Process Forecast Data*

Functions:

- *Join Header and Line Item Data*
- *Join Change Document Data*
- *Derive Activities from Header and Line Item Data*
- *Derive Activities from Change Document Data*
- *Join Activity Derivation Results*
- *Calculate KPIs*
- *Determine Automation and Compliance*
- *Determine Happy Path*
- *Start and End*

The first thing is to join Header and Line Item Data, and then combine them together with Change Documents Data. Key activities are then derived both from the documents and their changes and each document is assigned a unique Case ID. Lines in the final document will represent activities and will be marked by a timestamp and some additional fields like an automation and compliance flag. The cases are grouped into different variants (unique sequence of activities) which are then ranked according to their frequency of occurrence. KPIs are then computed to provide some useful information to understand the process and where, when and how it deviates from the standard variant.

3.3.1 Join Header and Line Item Data

In this function the Header and the Line Items or the accounting documents are joined. the account type of the document *(KOART)* is selected as 'D - Customer' which identifies only the documents relevant to Accounts Receivable.

The join method is Inner Join in order to:

- select from *BKPF* only the documents for AR since a direct selection is not possible
- exclude every document for which there is not a match between *BKPF* and *BSEG*.

The data is also enriched with fields from the *KNA1 - Customer Master Data table (LAND1, ORT1, NAME1)* and *MARA - Material Master Data table (MATKL)*

3.3.2 Join Change Document Data

This function joins the Header and Line Item level Document Changes. These are then Inner Joined to the Documents coming from *Join Header and Line Item Data* to select only significant documents that are pertinent to Account Receivable.

The changes are treated differently whether they are line level changes or header level changes. Since each case is the path of a line in the document the Level Header changes are multiplied for each of the line of the document. The *Case ID* as also computed in this process. This way the changes can be matched to their documents with the *Join Activity Derivation Results*.

3.3.3 Derive Activities from Header and Line Item Data

This Derivation function is used to derive basic activities for each document.

Each line coming from *Join Header and Line Item Data* corresponds to a single document line and usually gives more than one activity. Common activities are the creation of the document and its clearing. Each rule defines an activity.

3.3.4 Derive Activities from Change Documents Data

This Derivation function is used to derive an *Activity ID* for some key change lines coming from *Join Change Document Data*.

The *Case ID* for each document had already been assigned. Each rule has a corresponding activity. All the lines not used for an activity are discarded.

3.3.5 Join Activity Derivation Results

This Join function is used to join the two activities streams (*Derive Activities from Header and Line Item Data* and *Derive Activities from Change Document Data*) and to compute the *Variant ID*.

The *Variant ID* field is created using string aggregation of *Activity ID*s, ordered by *Timestamp* and *Activity ID* and grouped on *Case ID* level. A hash value is then produced for each unique value. Then the *Variant ID* is joined back (via Left Outer Join) to the original input table. The join predicate is the *Case ID* for both joins.

3.3.6 Calculate KPIs

This Calculation function takes the results of *Join Activities Derivation Results* join and calculates several Key Performance Indicators (KPIs):

- *Preceding Activity ID*
- *Following Activity ID*
- *Right First Time Flag*
- *Activity Frequency*
- *Duration (Seconds)*
- *Duration (Days)*
- *Variant Frequency*
- *Activity Sequence*
- *Quantity*
- *Right First Time Rate*
- *Variant Rank by Frequency*
- *Currency*
- *Local Currency*

3.3.7 Determine Automation and Compliance

This function generates automation / compliance flag in every record and user type / transaction type / violation type for automation / non-compliance in each record.

There are two types of violation, sequence and outright. Sequence violation means that particular activity sequence represents violation and outright violation that existence of activity by itself represents violation. Non-compliant records have *Compliance flag* set to '0', else are set to ‘1’.

There are also two types of user, dialog (type A and S) and batch (type B, C and L). Dialog user means that the tagged activity has been processed manually and batch user that the tagged activity has been processed automatically. In addition to user type, transaction code also has been taken into consideration. If the combination of transaction code and user type indicates an automatic transaction, the tagged activity is supposed to be automatically processed. Automation records have *Automation flag* set to '1', else are set to '0'.

3.3.8 Determine Happy Path

This function generates *Happy Path Flag* for every record. Records satisfying happy path sequence have flag value ‘1’, else have '0'.

3.3.9 Start and End

This Join function takes as input *Determine Happy Path* and creates two new lines for each *Case ID* corresponding to a start and end point common to all. Variables *Quantity Counter*, *Value* and *Variant Frequency* are assigned only to the first or the last line providing a quick way to sum over *Case ID*s without multiplying by the number of activities.

3.4 Reporting

In this section, several reporting queries are defined, to facilitate review of results by execution users.

- *Most Common Variants*
- *Automation Trend*
- *Automation Trend [side-by-side simulation]*
- *Process Compliance*
- *Process Compliance [side-by-side simulation]*
- *Throughput Days of Case*
- *Throughput Days of Case [side-by-side simulation]*

- *Right First Time*
- *Happy Path Rate*
- *Collection Performance*
- *Accounts Receivable Results*
- *Accounts Receivable Results [side-by-side simulation]*

No specific chart types are maintained, so they use the default "Column" chart type, but this type can be changed by end users on-the-fly and saved as default layout.

3.4.1 Most Common Variants

This report ranks the variants (specific sequence of activities) according to their frequency of occurrence. It shows for each variant the number of cases, total value, average activity duration (days), and average variant duration (days).

The following fields are preconfigured in this report:

- *Number of Cases*
- *Value (EUR)*
- *Activity Average Throughput (Days)*
- *Variant Average Throughput (Days)*
- *Value*
- *Duration (Days)*
- *Duration (Days) of Case*
- *Variant Rank by Frequency*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Variant ID*
- *Activity Sequence*
- *Activity ID*
- *Case ID*
- *Scenario*

3.4.2 Automation Trend

This report shows the percentage of activities that are automated. This is best presented as a 100% column or bar chart.

The following fields are preconfigured in this report:

- *Automation Rate*
- *Manual Rate*
- *Quarter*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Period*
- *Company Code*
- *Activity ID*
- *Customer*
- *Scenario*

3.4.3 Automation Trend [side-by-side simulation]

This report shows the percentage of activities that are automated. This is best presented as a 100% column or bar chart.

The following fields are preconfigured in this report:

- *Automation Rate*
- *Manual Rate*
- *Quarter*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Period*
- *Company Code*
- *Activity ID*
- *Customer*
- *Scenario*

3.4.4 Process Compliance

This report shows the percentage of activities that are compliant. This is best presented as a 100% column or bar chart.

The following fields are preconfigured in this report:

- *Compliance Rate*
- *Non-Compliance Rate*
- *Quarter*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Period*
- *Company Code*
- *Activity ID*
- *Customer*
- *Scenario*

3.4.5 Process Compliance [side-by-side simulation]

This report shows the percentage of activities that are compliant. This is best presented as a 100% column or bar chart.

The following fields are preconfigured in this report:

- *Compliance Rate*
- *Non-Compliance Rate*
- *Quarter*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Period*
- *Company Code*
- *Activity ID*
- *Customer*
- *Scenario*

3.4.6 Throughput Days of Case

This report shows Throughput Days of Case (Duration Days of Case) across periods. This is best presented as a column or bar chart.

The following fields are preconfigured in this report:

- *Duration (Days)*
- *Duration (Days) of Case*
- *Period*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Company Code*

- *Activity ID*
- *Customer*
- *Scenario*
- *Quarter*

3.4.7 Throughput Days of Case [side-by-side simulation]

This report shows Throughput Days of Case (Duration Days of Case) across periods. This is best presented as a column or bar chart.

The following fields are preconfigured in this report:

- *Duration (Days)*
- *Duration (Days) of Case*
- *Period*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Quarter*
- *Company Code*
- *Activity ID*
- *Customer*
- *Scenario*

3.4.8 Right First Time

This report shows the percentage of activities that are done right the first time (i.e. no subsequent changes made). This is best presented as a 100% column or bar chart.

The following fields are preconfigured in this report:

- *Right First Time Rate*
- *With Subsequent Changes*
- *Quarter*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Period*
- *Company Code*
- *Activity ID*
- *Customer*

- *Scenario*

3.4.9 Happy Path Rate

This report shows the percentage of cases that follow happy path. This is best presented as a 100% column or bar chart.

The following fields are preconfigured in this report:

- *Followed the Happy Path*
- *Have not followed the Happy Path*
- *Quarter*

Some dimensions are available as free characteristics which can be added anytime to help with the analysis, such as:

- *Activity ID*
- *Scenario*
- *Period*
- *Case ID*

3.4.10 Collection Performance

This Accounts Receivable report shows the overall collection performance with ranges of Average Days when customer payments were received before/after Due Date. This is best presented as a data grid.

The following fields are preconfigured in this report:

- *Number of Invoices*
- *Invoices Value*
- *Average Days*
- *Days Paid After Due Date*
- *Unique Count of Items with Receipt Days*
- *Average Days*
- *Payment Range*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Company Code*
- *Activity ID*
- *Customer*

- *Case ID*
- *Baseline Date for Due Date Calculation*
- *Clearing Date*
- *Country*
- *City*
- *Scenario*

3.4.11 Accounts Receivable Results

This report shows the results of process mining for Accounts Receivable module. This is best presented as a data grid.

The following fields are preconfigured in this report:

- *Value*
- *Happy Path Rate*
- *Without Happy Path*
- *Throughput (Days)*
- *Throughput (Days) of Case*
- *Activity Frequency*
- *Variant Frequency*
- *Automation Rate*
- *Manual Rate*
- *Compliance Rate*
- *Non-Compliance*
- *Right First Time Rate*
- *With Subsequent Changes*
- *Case ID*
- *Activity Sequence*
- *Activity ID*
- *Automation Flag*
- *Compliance Flag*
- *Right First Time Flag*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Following Activity ID*
- *Preceding Activity ID*
- *Variant Rank by Frequency*

- *Variant ID*
- *Country*
- *City*
- *Event Timestamp (YYYY-MM-DD hh24:mm:ss)*
- *Company Code*
- *Fiscal Year*
- *Quarter*
- *Period*
- *Document Type*
- *Terms of Payment Key*
- *Baseline Date for Due Date Calculation*
- *Scenario*

3.4.12 Accounts Receivable Results [side-by-side simulation]

This report shows the results of process mining for Accounts Receivable module. This is best presented as a data grid.

The following fields are preconfigured in this report:

- *Value*
- *Happy Path Rate*
- *Without Happy Path*
- *Throughput (Days)*
- *Throughput (Days) of Case*
- *Activity Frequency*
- *Variant Frequency*
- *Automation Rate*
- *Manual Rate*
- *Compliance Rate*
- *Non-Compliance*
- *Right First Time Rate*
- *With Subsequent Changes*
- *Case ID*
- *Activity Sequence*
- *Activity ID*
- *Automation Flag*
- *Compliance Flag*

- *Right First Time Flag*

Some dimensions are available as free characteristics which can be added anytime to help with analysis, such as:

- *Following Activity ID*
- *Preceding Activity ID*
- *Variant Rank by Frequency*
- *Variant ID*
- *Country*
- *City*
- *Event Timestamp (YYYY-MM-DD hh24:mm:ss)*
- *Company Code*
- *Fiscal Year*
- *Quarter*
- *Period*
- *Document Type*
- *Terms of Payment Key*
- *Baseline Date for Due Date Calculation*
- *Scenario*

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