



PUBLIC

SAP Analytics Cloud

Feature Scope Description for SAP Analytics Cloud

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1 Feature Scope Description for SAP Analytics Cloud

The feature scope description provides a high-level list of the features that are available with SAP Analytics Cloud.

SAP Analytics Cloud is an all-in-one cloud product offered as software as a service (SaaS) for business intelligence (BI), planning, and predictive analytics. Built natively on SAP Business Technology Platform (SAP BTP), it provides a unified and secure public cloud experience to maximize data-driven decision making.

ⓘ Note

This document defines the functional scope of SAP Analytics Cloud. The availability of some of the features in this document may depend on your license agreement with SAP and the cloud platform that you are using, which SAP offers as either SAP BTP, Neo environment, or SAP BTP, Cloud Foundry environment. If your SAP Analytics Cloud system is hosted in a data center located within China, some features that depend on data or services outside China may not be available. To illustrate integration with other SAP offerings, the product documentation on the SAP Help Portal might include references to features that aren't included with SAP Analytics Cloud.

Features that are not included in this feature scope description might require a separate license.

2 Capabilities

The following description of features is organized by the major functionalities of SAP Analytics Cloud.

- [Stories \[page 5\]](#)
- [Analytic Applications \[page 12\]](#)
- [Data Analyzer \[page 15\]](#)
- [Models \[page 16\]](#)
- [Formulas and Calculations \[page 20\]](#)
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- [Additional Features \[page 38\]](#)

2.1 Stories

A story is a presentation-style document that uses charts, visualizations, text, and images to describe data.

The following sections highlight the most prominent story features available in SAP Analytics Cloud.

The optimized story experience includes the optimized view mode and the optimized design experience. It combines elements from SAP Analytics Cloud stories and analytic applications.

- [Charts, Tables, and Maps \[page 6\]](#)
- [Story and Page Level Features \[page 7\]](#)
- [Value Driver Trees \[page 8\]](#)
- [Additional Features for Stories \[page 8\]](#)
- [Additional Features for Stories \(Optimized Story Experience\) \[page 10\]](#)
- [Scripting Features \(Optimized Story Experience\) \[page 11\]](#)

2.1.1 Charts, Tables, and Maps

Here is an overview of core features related to charts, tables, and maps in Stories:

Feature	Description
Responsive Pages	Lets you create responsive lanes to section page content into groups so that you can easily access your stories on your mobile device. By default, a responsive page starts with two lanes.
Canvas Pages	Lets you explore and present your data in a flexible space. You can add charts, tables, visualizations, text, images, and other objects to canvas pages in your story.
Grid Pages	Lets you create and work with formulas on a sheet, either with a table that has been generated from existing data or without a table. Grid pages are only available in the classic design experience, not in the optimized design experience.
Geo Map	Lets you add layers showing location-based data, geographic features, and points of interest in a geo enriched model for a geospatial analysis. You can add the following layers to your geo map: <ul style="list-style-type: none">• Bubble layer• Point of interest layer• Heat Map layer• Choropleth layer• Feature layer• Flow layer
Objects	Lets you display content in your stories. You can add objects such as clocks, RSS feeds, and embedded web pages to display external content in your stories.
Dynamic Text	Lets you see the changes that happen when you interact with your data.
Charts	Lets you present data in a graphical way. You can create or display charts such as the following: <ul style="list-style-type: none">• Bar or Line charts• Pie charts• Waterfall charts• Time series charts You can add variances to charts, drill down on data, and so on.

Feature	Description
Tables	<p>Lets you view and analyze data and work with planning models.</p> <p>Table options include the following:</p> <ul style="list-style-type: none"> • Budgeting table • Forecasting table
Story-Defined Thresholds	Lets you compare measures to a fixed range or to other measures. Thresholds provide visual cues for your information, so that you can quickly see what areas are doing well, and what areas may need improvements. You can display a threshold legend when a threshold has been applied to a chart.
Background Images	Lets you select images to use as a background for responsive pages and lanes.

2.1.2 Story and Page Level Features

Here is an overview of core features at the story and page level in Stories:

Feature	Description
Story and Page Filters	Lets you narrow the scope of your analysis. Filters are enabled after you have added at least one chart to your story. You can convert between story and page filters.
Bookmarking Story Views	Lets you save different states of a story. You can even create global bookmarks so that anyone who can view the story can also see the different views.
Optimized View Mode	Lets you see an improvement in your dashboard performance (in some scenarios).
Optimized Design Experience	Provides a better story design experience with the introduction of several usability improvements. Story designers will have the ability to create new stories in the Optimized Design Experience or convert existing stories.
Story Templates	Lets you build a story when you are struggling with where to start. You can choose from a variety of story layouts depending on the story you want to create.
View Time Toolbar	Lets you easily navigate to the most commonly used functions for faster access. You can also navigate to all other available functions that are logically grouped together.

2.1.3 Value Driver Trees

Value driver trees are an analysis process tool that helps with planning scenarios, such as budgeting and forecasting in planning models.

Here is an overview of value driver trees features available in SAP Analytics Cloud:

Feature	Description
Adding and Linking Nodes	Lets you add nodes with different measures, filters, and calculations, and create hierarchical links between them.
Auto-creating Value Driver Trees	Lets you automatically add nodes to a value driver tree based on the account structure of your model.
Entering Data	Lets you change node values using a keypad to simulate changes in driver values.
Collapsing and Expanding Nodes	Lets you hide or expand node descendants to simplify the value driver tree.

2.1.4 Additional Features for Stories

Here is an overview of additional features available in Stories:

Story Features

Feature	Description
Scheduling Publication	Lets you schedule and deliver a PDF copy of a story using e-mail. PowerPoint presentation (.pptx format) is now supported as a file type while scheduling a story.
Linking Story Variables	Lets you set a variable value once and propagate the value to other variables from multiple models.
Linked Analysis	Lets you apply a filter on multiple visualizations by selecting data points in a visualization.
Data Action Starters	Lets you run data actions in stories. You can use a data action to model sequences of copy-and-paste operations and scripted calculations.
Value Driver Trees	Lets you visualize the relationship between drivers and KPIs by adding model data and calculations to nodes and then linking them in a directed graph.

Feature	Description
Link Dimensions across Multiple Models	<p>Lets you join a primary data source with secondary data sources that contain common linked dimensions.</p> <p>Linked dimensions let you create filters that simultaneously update all charts that include linked data. Filters on linked dimensions can be used at the story, page, and linked analysis level.</p>
R Visualization	Lets you add R visualizations to a story when you use R with SAP Analytics Cloud.
Input Controls	Lets you add flexibility to your story pages by enabling the story consumer to apply filters, set calculation parameter, or select dimension, measures, or cross calculations to be used in one or multiple visualizations on a story page.
Comment and Collaborate	Lets you add comments, discuss with other users, and share stories. Comments can also be added to tables and charts.
Features Integration Capability	<p>Lets you integrate other features from SAP Analytics Cloud to enhance your stories.</p> <p>You can link or add the following features to your stories:</p> <ul style="list-style-type: none"> • Data Actions • Time Series Forecast
Export Options	Lets you save your story as a PDF or as a template. You can also export your story to Google Slides or Microsoft Power-Point.
Custom Web Fonts	Lets you use custom web fonts anywhere fonts are configurable.
Custom Current Date	Lets you create restricted measures with dynamic time range filters based on a custom current date.
Font Resize in Device Preview	Lets you change the font scaling of an entire story for each individual device size.
Calendar Integration	Lets you access your calendar when you're reviewing a story that's part of a calendar task.
Customized URLs	Lets you customize your URL when sharing content.
Custom Hierarchies or Groups	Lets you define custom hierarchies on BW dimensions, allowing you to organize members of different dimension groups. You can use these hierarchies in charts, tables, input controls and filters.
Custom Sort for Dimension Members	Lets you custom sort dimension members in tables, visualizations and Explorer.

Chart Features

Feature	Description
Recommended Comparisons	Lets you see recommendations for comparing versions or time periods as you are creating your chart. When the current period is selected in your chart, you can also create recommended comparisons based on dynamic time filters.
Linked Analysis	Lets you apply a filter on multiple visualizations by selecting data points in a visualization.
Linked Analysis Drilling	Lets you change the hierarchy of multiple charts through Linked Analysis, as long as the charts are on the same hierarchy and level as the driver chart.
Unrestricted Drilling	Lets you drill to any level in the hierarchy, no matter what the filter or date granularity is set to. This option is only available for date range filters in charts and tables.
Multi-Dimensional Sorting	Lets you sort charts by two or more dimensions either alphabetically or in a custom configuration with semantic meaning.

2.1.5 Additional Features for Stories (Optimized Story Experience)

Here is an overview of additional features that are available in stories in the optimized story experience:

Feature	Description
Additional Widgets	Lets you use a wide range of components for the following functions: <ul style="list-style-type: none">• Filters and controls (for example, filter line, dropdown, and button)• Layout (for example, tab strip, page book, and panel)• Text input (for example, input field and text area)
Composites	Lets you create and use a combination of widgets with pre-configured data, scripting elements and custom logic, and reuse in stories for various purposes.
Custom Widgets	Lets you build and use your own widgets in addition to the predefined set of widgets delivered with SAP Analytics Cloud.
Custom Add-Ons	Lets you build and use your own widget add-ons in addition to the predefined set of widget add-ons delivered with SAP Analytics Cloud.
Assets Panel	Lets you drag and drop available built-in widgets, custom widgets and composites to story pages to build your story.

Feature	Description
Outline Panel	Lets you view and manage the structure of your story, including its pages, widgets and scripting elements.
Copy and paste	Lets you copy and paste widgets, scripting elements and pages across optimized stories or in the same optimized story at design time, either in the same browser tab or across browser tabs. Copy and paste items between composites and optimized stories is also supported.
Linked Widgets Diagram	Lets you have a graphic view of and modify the relationships among the widgets in your story.
Theme	Lets you define the style of the story in an efficient and reusable way.
CSS Class	Lets you define multiple CSS class styles either as global default or per widget.
Data Change Insights	Lets you keep notified of significant data changes of specific charts on a regular basis.
Performance Recommendations	Lets you view performance recommendations in edit time to optimize your story design and improve the story performance.
Performance Insights	Lets you analyze and optimize the story performance in view time, with loading sequence and time of different processes during story loading, story statistics, and recommendations available.
Video Data Story	Lets you create customized short videos based on selected widgets in your story.

2.1.6 Scripting Features (Optimized Story Experience)

Here's an overview of the core features for scripting in Optimized Story Experience:

Feature	Description
Scripting API	Lets you design highly customized, interactive stories by using API scripts.
Script Editor	Lets you write scripts for each widget and thus create interactive and highly custom-defined stories.
Scripting Support	Lets you create stories more efficiently using entities such as: <ul style="list-style-type: none"> • Script objects • Global variables • Automated refactoring • Pattern-based functions

Feature	Description
Timer	Lets you define a timer in your script to delay initiating a script call. Multiple timers can coexist, but each timer works independently from others.
OData	Lets you create an OData service, define the endpoint URL, and perform a transactional action at the backend by using scripts.
Text Pool	Lets you translate the texts in the scripts.
Embedding Business Applications	Lets you leverage the post message APIs to enable message communication between host and embedded web pages when you embed an story in a host HTML page or embed a web page in a story through the web page widget.
Reference List	Lets you quickly check out where and how an element (such as a widget), script variable, or a popup function is used.
Error Panel	Lets you view all the errors and warnings in the story and quickly locate the errors in your scripts.
Debug Mode	Lets you set automatic breakpoints to pause a script while it's running, thus helping you find errors in your scripts.

2.2 Analytic Applications

With SAP Analytics Cloud, analytics designer, you can create analytic applications for data analysis and data planning. In analytic applications, you can configure the behavior of the UI elements with a set of specific script API events and specify which actions should take place when events are initiated.

The following sections highlight the core Analytic Application features available in SAP Analytics Cloud.

- [Application Features \[page 13\]](#)
- [Scripting Features \[page 14\]](#)

2.2.1 Application Features

Here's an overview of the core features at application level:

Feature	Description
Widgets	Lets you use a wide range of components for the following functions: <ul style="list-style-type: none">• Data visualization (table, chart, geo map and R visualization)• Data planning (BPC planning sequence starter, data action starter and multi action starter)• Filtering (filter line, input control, dropdown and button, for example)• Layout (tab strip, page book and flow layout panel, for example)• Text area (automatic text wrapping and line break)
Custom Widgets	Lets you build and use your own widgets in addition to the predefined set of widgets delivered with SAP Analytics Cloud, analytics designer.
Linked Widgets Diagram	Lets you have a graphic view of and modify the relationships among the widgets in your analytic application.
Bookmark	Lets you capture and save the current state of an analytic application.
Theme	Lets you define the style of the application in an efficient and reusable way.
Planning Applications	Lets you create and use planning applications that support both manual and automated data entry and changes to data.
Smart Capabilities	Lets you explore your data via a variety of smart capabilities including: <ul style="list-style-type: none">• Data Change Insights• Smart Insights• Smart Discovery• Search to Insight• Smart Grouping
Managing Analytic Applications	Lets you create a new analytic application from the applications page. You can modify, copy, translate and share your applications.
Export Options	Lets you export the visible components of your applications to PDF. R visualizations are disabled during export.
Scheduling Publication	Lets you schedule analytic applications and distribute PDFs to SAP Analytics Cloud users or non-SAP Analytics Cloud users at application runtime or from the file repository.

Feature	Description
Integration with SAP Datasphere	Lets you build analytic applications by leveraging SAP Analytics Cloud, analytics designer within SAP Datasphere spaces.
Mobile Browser Support	Lets you view your analytic applications in embed mode directly in web browser. Currently only Safari on iPads is supported.
Mobile App Support	Lets you view your analytic applications in SAP Analytics Cloud iOS or Android mobile app.
Copy and Paste Between Story and Analytic Application	Lets you copy the widgets from a story to an analytic application, or application to application at design time within the same web browser page or across different web browser pages. Thus, you can enhance stories with analytic application capabilities by copying widgets and add scripting, events or other capabilities to cover your business scenarios.
CSS Class	Lets you define multiple CSS class styles either as global default or per widget.
View Time Toolbar	Lets you easily navigate to analytic application viewer specific actions and also to planning viewer specific ones such as publishing data, allocation, and version management for faster access.

2.2.2 Scripting Features

Here's an overview of the core features for scripting:

Feature	Description
Scripting API	Lets you design highly customized, interactive applications by using analytics designer API scripts.
Script Editor	Lets you write scripts for each widget and thus create interactive and highly custom-defined analytic applications.
Scripting Support	Lets you create analytic applications more efficiently using application entities such as: <ul style="list-style-type: none"> • Script objects • Global variables • Automated refactoring • Pattern-based Functions
Timer	Lets you define a timer in your script to delay initiating a script call. Multiple timers can coexist, but each timer works independently from others.
OData	Lets you create an OData service, define the endpoint URL, and perform a transactional action at the backend by using scripts.

Feature	Description
Embedding Business Applications	Lets you leverage the post message APIs to enable message communication between host and embedded Web pages when you embed an analytic application in a host HTML page or embed a Web page in an analytic application through the Web page widget.
Reference List	Lets you quickly check out where and how an element (such as a widget), script variable, or a pop-up function is used.
Error Panel	Lets you view all the errors and warnings in the application and quickly locate the errors in your scripts.
Debug Mode	Lets you set automatic breakpoints to pause a script while it's running, thus helping you find errors in your scripts.
Scripting for Search to Insight	Lets you use scripting API to build your own Search to Insight UI by integrating Search to Insight with another application.

2.3 Data Analyzer

In SAP Analytics Cloud you can start ad-hoc analyses with data analyzer - a predefined ready-to-run service for multidimensional, pivot styled ad-hoc analysis for SAP BW Live queries, SAP HANA Live views, SAP Datasphere models and SAP Analytics Cloud models. SAP BW queries and SAP HANA views can be accessed directly and no additional model needs to be created. The data can also be displayed in charts.

Here's an overview of core data analyzer features

Feature	Description
Table	Lets you explore and analyze your data in a pivot styled grid.
Chart	Lets you visualize your data in different chart types such as bar, column and pie charts.
Toolbar	Lets you easily navigate to data analyzer actions like export and variable prompts.
Filter and Variables	Lets you narrow the view on your data according to your filter and variable prompts selections.
Information Panel	Lets you quickly access relevant metadata and connection information, streamlining data analysis and troubleshooting.
Insights	Lets you save your explored data as an insight and reuse your insight in data analyzer. An insight represents the saved presentation, filter and navigation state of the table or chart.

Feature	Description
Share and Export	<p>Lets you share insights, schedule insights, create shortcut links and print your data as Microsoft Excel file, PDF file or CSV file.</p> <p>Lets you open SAP Analytics Cloud, add-in for Microsoft Excel for further analysis.</p>
URL API Support	Lets you launch data analyzer by parametrizing the URL.

2.4 Datasets

A dataset is a simple collection of data, usually presented in a table. You can use a dataset as the basis for your story, and as a data source for Smart Predict. Datasets complement models. Datasets are more suitable for ad-hoc analysis, while models are more suitable for governed-data use cases.

Feature	Description
Toggle Between Story and Data Views	Lets you immediately consume imported data and any consequent data modifications to charts and other visualizations in your stories
Dataset Overview Panel	Lets you view all the dimensions and measures included in the imported dataset. You can also use this panel to make quick changes to your data structures.

2.5 Models

In SAP Analytics Cloud, a model is a representation of large amounts of business data from source systems. It defines measures and dimensions that are used to build visualizations, filters, and calculations in stories.

Features in the modeler include:

Feature	Description
Account Model	<p>Lets you create a model with a single default measure and an account dimension. It also allows:</p> <ul style="list-style-type: none"> • Importing data from SAP BPC • Creating allocation steps and processes • Creating value driver trees

Feature	Description
Standard Model	<p>Let you create a model with one or more measures and an optional account dimension. It also allows:</p> <ul style="list-style-type: none"> • Calculated measures and currency conversion measures in the model • Choosing to prioritize account or measure settings, and setting calculation priority • Planning across multiple currency conversions • Currency conversion steps in data actions • Creating allocation steps and processes • Creating value driver trees
Live Models	<p>Lets you create a model based on data from a remote source, such as from SAP HANA, SAP S/4 HANA, BW, IBP, SCT and SAP Universe.</p>
Live Data Access Models	<p>Lets you create a model based on fact data from a remote source and consume it on the fly in models and stories without data replication. The model structure is kept in SAP Analytics Cloud.</p>
Seamless Planning	<p>Lets you create a model in SAP Analytics Cloud and store master data and fact data in SAP Datasphere to bring your planning data closer to your actuals data without data replication.</p>
Live Versions	<p>Lets you retrieve a set of data from a live external SQL database or SAP Datasphere.</p>
Hierarchies	<p>Lets you structure your data. When you display data in stories in a table, the nodes of the hierarchy can be expanded or collapsed.</p> <p>Two types of hierarchy are available:</p> <ul style="list-style-type: none"> • Level-based hierarchies • Parent-child hierarchies
Model Security	<p>Lets you restrict the model access only to the owner and other user roles that are explicitly granted access by the administrator. Models with Currency conversion, Global Dimensions, private versions, value driver tree and allocations cannot be rebuild.</p>
Dimension Security	<p>Lets you restrict access to individual values in the model to specific users.</p>
Version Security	<p>Lets you restrict, read, write, and delete access to public versions, and to prevent other users or teams from changing them.</p>

Feature	Description
Points of Interest	<p>Lets you visualize additional geographic details such as power stations, schools, businesses, or districts in your geo maps.</p> <p>Point of interest data can be added from:</p> <ul style="list-style-type: none"> • Esri Shapefiles • Models • CSV or Excel files
Currency Conversion Measures	Lets you take source data from one or more currencies and convert it into one or more target currencies, using rates from a currency rate table.
Unit Conversion Measures	Lets you take source unit data from the Standard Unit Table and convert it into one or more target units.
Rebuilding a Model	Lets you modify models created from acquired data if you need to fix issues such as missing dimensions or measures. This option lets you revert the model to the state based on the first set of acquired data.
Enabling a Model for Translation	Lets you translate model metadata, both for live data models and import data models. Any changes made to the model will be sent for translation every time the model is saved.
Import and Export Options	Lets you schedule data import and export on a recurring basis. Your model and its data can be exported to text file format, SAP BPC, SAP IBP, SAP S/4HANA, and BW/4HANA using OData Services.
Viewing Mapping and Transform History	Lets you view data mapping and transform history after you've imported data into a model or dimension.
Deleting Private Versions	Lets you delete all private versions of a specific model.
Recommended Planning Area	Lets you limit the data size of a planning model and work with a small subset of data to enhance planning model performance.
Structure and Data Foundation Views	The Structure view shows you the star schema diagram representing your model, which helps you to visualize how your fact data, attributes, and properties all relate to each other. The Data Foundation view shows you the fact table behind your data.

- [Preparing Data \[page 19\]](#)

2.5.1 Preparing Data

This feature lets you clean and transform your raw data before it's used in charts and tables.

There are many features you can use to prepare your data with SAP Analytics Cloud:

Feature	Description
Combine Data	Lets you combine data from another source with your acquired data by using up to three matching columns to join the two sets of data.
Location Dimensions	Lets you geo-enrich your data either by specifying location by region or location by coordinates, so your data can be displayed in geo maps
Unpivot Transform	Lets you transpose columns into rows when preparing data. The new table format can then be used to either import data or create a new model.
Smart Transformations	<p>Lets you see a list of suggested transformations to apply to a column such as replacing the value in a cell with a suggested value.</p> <p>Available transformations you can apply:</p> <ul style="list-style-type: none">• Delete Rows• Trim Whitespace• Duplicate Column• Delete Column• Concatenate• Split• Extract• Change• Replace
Calculated Columns	Lets you add new measures and dimensions to the table using formulas and calculations.
Dimension Attributes	<p>Lets you create charts, filters, calculations, input controls, linked analyses, and tables.</p> <p>Available attributes are:</p> <ul style="list-style-type: none">• Description• Property• Parent-Child Hierarchy (Parent)• Currency
Details Panel	Lets you see data-quality issues that need to be resolved in your dataset before the data can be fully imported or the model can be created.
Remove Duplicate Rows	Lets you remove duplicate rows in a dataset.

2.6 Formulas and Calculations

In SAP Analytics Cloud, you can create formulas to perform calculations on values and members of the account dimensions. You can also use predefined formulas, functions, conditions, and operators to build up a formula in Modeler.

The following sections highlight the core Formulas and Calculations features available in SAP Analytics Cloud.

- [Formulas \[page 20\]](#)
- [Calculations \[page 21\]](#)

2.6.1 Formulas

Formulas let you add new columns or measures to your dataset.

The following features are supported:

Feature	Description
Functions	<p>Lets you build up a calculated dimension while preparing data.</p> <p>Available groups of functions include:</p> <ul style="list-style-type: none">• Date and Time Functions• Mathematical Operators• Conditional Operators• Business Functions• Lookup and Reference Functions• Logical Function• Inverse Functions• Mathematical Functions• Conversion Functions
Conditional Formulas	<p>Lets you perform calculations based on a certain condition. Conditional formulas include if then statements, and conditions such as greater or less than.</p>
Exception Aggregation	<p>Lets you perform aggregation after calculations are done. By default, when formulas include aggregated quantities, aggregation is performed before the formula calculations.</p>
Variables	<p>Lets you define values that you want to be able to adjust when you are planning and analyzing data in your models. In tables and stories, variable values are calculated and displayed.</p>

2.6.2 Calculations

Calculations use formulas to create new measures based on your business data.

The following calculation types are supported:

Feature	Description
Calculated Measures	Lets you perform mathematical and Boolean operations on your data.
Restricted Measures	Lets you use only selected values in a measure. You can also select dimensions that you want to hold constant or fixed. Restricted measures can be useful for comparing one value to a set of others in the same chart or table.
Calculated Dimensions	Lets you concatenate dimensions together, group dimensions, and so on. You can choose to combine existing dimensions to create your own dimensions.
Converting Strings to Numbers or Vice Versa	<p>Lets you convert a string value to a numeric value or vice versa, and use the new values in calculated dimensions or measures.</p> <p>There are two functions that you can use to convert values from one type to another in calculated measures or calculated dimensions:</p> <ul style="list-style-type: none">• ToNumber Function• ToText Function
Measure-Based Dimensions	Lets you create a calculated dimension based on measure values or thresholds.
Difference From	Lets you find the difference in an account's value between two different dates or time periods.
Date Difference	Lets you create a calculation that shows the time interval between two dates.
Currency Conversions	Lets you add a new currency conversion to the Cross Calculations dimension. This feature is supported by planning models with currency conversion enabled.
Aggregation	Lets you calculate different types of values such as average, sum, min, and max. Once the new calculation is created, you can use the measure.
Forecast Calculations	<p>Lets you look back at actual data for time periods before a cut-over data and look ahead to forecast data for subsequent time periods.</p> <p>Planning models support the following forecast calculations:</p> <ul style="list-style-type: none">• Forecast• Rolling Forecast

2.7 Planning

SAP Analytics Cloud has many planning tools for collaboratively creating and updating model data to carry out planning tasks. At its simplest, planning involves typing values directly into table cells in planning models.

Here is an overview of core planning features available in SAP Analytics Cloud:

Feature	Description
Version Management	Lets you maintain multiple categories and versions of the data and work with them side-by-side.
Data Entry	Lets you enter data and adjust multiple cells more quickly and effectively using features such as copy and paste, value locks, and mass data entry.
Structured Allocations	Lets you establish a reusable process for allocating values in one dimension across members of other dimensions.
Currency Conversion	Lets you display data in multiple currencies side-by-side, apply different conversion rates, or simulate how different exchange rate predictions might impact your data.
Data Actions	Lets you initiate sequences of copy and paste actions, allocation steps, embedded data actions, currency conversion steps, and advanced formula calculations created using a script or visual editor.
Multi Actions	Lets you link together a sequence of data actions, predictive steps, and version management steps and run the sequence using a multi action starter in a story or analytic application.
Compass	Lets you simulate the impact of driver assumptions on the results of uncertain business events using Monte Carlo simulation.
Value Driver Trees	Lets you visualize the relationship between drivers and KPIs by adding model data and calculations to nodes and then linking them in a directed graph.
Input Tasks	Lets you assign a story page with a private version to users who are responsible for a dimension member, such as a department, region, or product line.
Input Mode in BPC Embedded	Lets you switch between input mode and view mode when you work with tables in BPC Embedded.
Renaming Account and Measures	Lets you rename the Account and Measure dimensions directly in the Builder Panel.
Validation Rules	Lets you create rules that define allowed member combinations across different dimensions to restrict planned data entry.
Data Locking	Lets you set up locks on the model data, which prevents the locked values from being changed by data entry and other planning operations in stories.
Planning Panel	Lets you enter distribute a value to multiple cells in a table, or redistribute the values of a group of cells.

Feature	Description
Recommended Planning Area	Lets you use a subset of data to create private versions or edit public versions, based on data locking, data access control, or both.
Predictive Planning Scenarios	Lets you use a planning model as a data source for a predictive time series forecast, and write the forecast data back to your planning model.
Predictive Forecasts in Tables	Lets you forecast values based on a cell in a table, and optionally add the forecast values to your table.

2.8 Compass

In SAP Analytics Cloud, you can use compass to estimate the possible outcomes of uncertain business events using Monte Carlo simulation.

Here is an overview of core compass features available in SAP Analytics Cloud:

Feature	Description
Simulations	<p>Lets you define a specific business question that you want to answer through Monte Carlo simulations.</p> <p>A simulation can include multiple private and public scenarios. It can be saved as a file repository artifact and shared with others.</p>
Private Scenarios	<p>Lets you define an experiment that answers a business question by simulating the impact of driver assumptions on the target values.</p> <p>Private scenarios are accessible only to their creators.</p>
Drivers	Lets you set filters, value configuration, and probability distribution types on drivers.
Restricted Drivers	Lets you add restricted drivers from a base driver, and set their specific filters, value configuration, and probability distribution types.
Running Private Scenarios	Lets you run private scenarios in different precision modes and get simulation results visualized by a graph for each run.
Analyzing Simulation Results	Lets you analyze the probability distribution of the simulated outcomes by moving the slider, defining case settings, and adding comparison scenarios.
Public Scenarios	Lets you publish private scenarios to create public scenarios, making them available to users with access to the simulation.

2.9 Calendar

In SAP Analytics Cloud, you can organize your workflows with calendar events: View, create and manage your processes and tasks in your calendar.

Here's an overview of the core features in the calendar:

Feature	Description
List Workspace	<p>Lets you see your calendar events in a customizable table with a Gantt chart next to it that you can push to the side or hide.</p> <p>You can change the list workspace to show the following time ranges: Day, Week, Month, or Year.</p>
Calendar Workspace	Lets you see your calendar events in a standard calendar layout (Day, Week, Month).
Tasks	<p>Lets you work with different types of tasks:</p> <ul style="list-style-type: none"> • Composite tasks • General tasks • Review tasks • Data locking tasks • Data action tasks • Multi action tasks • Input tasks
Composite Tasks	Lets you create tasks that are useful to monitor progress on a project. You can create tasks for yourself or assign them to others. If needed, you can add reviewers to check the work of the assignees.
General Tasks	Lets you task one or more assignees with work you want to organize in the calendar.
Review Tasks	Lets you have one or more assigned reviewers to approve or reject a result.
Data Locking Tasks	Lets you keep track of planning processes, and make sure that model data is locked at the right time. The data locks can be set manually by the assignees of the task who have the appropriate permissions to lock a specific data slice of the model, or automatically – either using the data locking permissions of the task owner, or an assignee agrees to set the data locks automatically with their permissions.
Data Action Tasks	Lets you define the start time or schedule a recurrence for data actions to run automatically.
Multi Action Tasks	Lets you define the start time or schedule a recurrence for multi actions to run automatically.

Feature	Description
Processes	Lets you see a high-level view of how much work is completed and how much still needs to be done. A process is an aggregation of all the events that it contains, these can be tasks or other processes.
Templates	Lets you reuse your calendar processes. You can save them as calendar templates in the file repository and share them with other planning process modelers. You can use the templates to create new processes with the predefined event structure of a template, or you can use templates to define the generated event types of leaf members in the calendar wizard. Standard calendar templates let you quickly create processes based on their predefined event structures. A calendar template viewer lets you view the template structure.
Convert Tasks or Processes	Lets you adapt your calendar events to your changing needs while modelling your workflows. You can break down a task into separate events, or enhance a task with additional steps. To simplify your workflow, you can convert a process to a task.
Flexible Start Conditions	Calendar events can start at a specific date and time, at the same start date as their parent process, or when one or more other calendar events meet a certain status.
Recurrence	Calendar tasks that start at a specific date and time can be set as a series that recurs after a certain number of minutes, hours, days, weeks, or months. If a series takes place during a daylight saving time change, it is adjusted accordingly and takes place one hour earlier or later.
Start and End Dates	In addition to the planned start and end dates of calendar events, you can view the actual dates of the events and see when an event was started and ended.
Generate Tasks and Processes with Calendar Wizard	Lets you quickly generate tasks and processes from an organizational dimension in the calendar.
Edit Multiple Calendar Events	You can select multiple events in the list workspace to remove, copy, export, or edit them. A wizard for editing several events at once guides you through the different options.
Filters	Lets you highlight specific calendar events. Filters are applied in the workspace you're currently working in. For example, if you filter your events in the calendar workspace, the filter settings won't affect the list workspace.
Context	Lets you add a model and some filters to your task or process. When accessing stories or analytic applications from a calendar task, the same filters will be applied to the story or the analytic application.
Work Files	Lets you add stories, analytic applications, Add-in workbooks, or URLs to your tasks and processes.

Feature	Description
Scheduled Publications	Lets you view the scheduled publications you created for distributing PDF copies of a story or an analytic application using e-mail. Publications can be created in stories and analytic applications, or from the file repository. In the calendar you can only view them.
Managing Input Tasks	Lets you keep track of your input tasks, view and modify some aspects of the tasks in the calendar. Input Tasks can only be created in stories.
Working Day Calendar	<p>Lets you schedule task series based on a custom-defined working day calendar that you maintain in a model with a user-defined date dimension. The system automatically creates task occurrences at the chosen frequency on working days only. This prevents the system from creating unnecessary occurrences on non-working days such as weekends, public holidays, or company holidays.</p> <p>You can change the layout of your calendar workspace and the Gantt chart of your list workspace to display a working day calendar.</p>
Calendar Highlights	Lets you show your calendar highlights on the home screen and quickly see which tasks or processes are open, in progress, overdue, or coming due.
Exporting Calendar Tasks	Lets you export calendar tasks as ICS files that can be used in many calendar programs.
Integration with Microsoft Tools	Lets you view processes and calendar tasks in Microsoft Outlook and Microsoft Teams.
API for External Access to Calendar Events	Lets you access and interact with your calendar events from external applications.
Keyboard Command List	Lets you work quickly and efficiently in the calendar.
Working with Stories and Analytic Applications Linked to Calendar Tasks	Lets you access stories or analytic applications attached as work files to a task from the calendar or the email notifications you receive as an assignee or reviewer. A task menu bar in the story or the analytic application lets assignees submit their work and reviewers approve it directly in the story or analytic application.
Notifications	Assignees, reviewers, additional owners, and viewers of calendar events receive emails and notifications in SAP Analytics Cloud initiated by user actions or time-related settings. Administrators can configure the default settings and allow users to change the calendar notification settings for themselves in their profile settings.
Calendar Admin Mode	Calendar admins can view and edit all calendar events of your tenant in the calendar admin mode. The calendar admins can modify the events like the event owners, and act as assignees and reviewers to process pending events during their absence, for example.

2.10 Multi Actions

In SAP Analytics Cloud, you can use multi actions to orchestrate a set of operations across multiple planning models.

Here is an overview of core multi action features available in SAP Analytics Cloud:

Feature	Description
Data Action Step	Runs a data action with parameter values that you specify in the step.
Version Management Step	Publishes a version from the model that you specify.
Predictive Step	Runs a time series forecast predictive scenario to answer business questions using a predictive model.
Data Import Step	Runs using data imported from other sources.
API Step	Integrates on-premise and cloud-based external applications using an HTTP Application Programming Interface (API).
PaPM Integration Step	Runs activity remotely from SAP Profitability and Performance Management (PaPM).
Data Locking Step	Allows data locks to be set directly from the multi action starter.

2.11 Data Actions

In SAP Analytics Cloud, you can use data actions to make structured changes to model data by copying data, running allocation steps, and executing scripted calculations.

Here is an overview of core data action features available in SAP Analytics Cloud:

Feature	Description
Copy Steps	Lets you copy values from one part of a model to another based on a set of filters, aggregation settings, and copy rules.
Cross-Model Copy Steps	Lets you copy data from one model to another based on a set of filters and automatic or manual mapping between dimension members.
Allocation Step	Lets you run an allocation step as part of your data action.
Embedded Data Action Step	Lets you run another data action as a step in your data action.
Conversion Step	Lets you copy data while applying currency conversion in a model with measures.

Feature	Description
Advanced Formulas Step	Lets you create a script of transformations and calculations to apply to the model data. You can use either a script editor or a visual designer.
Parameters	Lets you replace members, measures, or numeric values in your data action. There are two types: <ul style="list-style-type: none"> Fixed parameters let you quickly change a value that appears in multiple places. Dynamic parameters let you set a value when running the data action or when setting it up to run.
Data Action Starter	Lets you run the data action from a story, and optionally publish the target version.
Automatic Data Action Tasks	Lets you define the start time or schedule a recurrence for data actions to run automatically.
Data Action Script Object	Lets you run a data action using scripts in an analytic application, and set and read parameter values.
Data Action Tracing	Lets you execute a data action and check its intermediate results at manually specified locations (called "tracepoints") and data changes between tracepoints.

Allocations

In SAP Analytics Cloud, you can carry out operations and create allocation processes for tables in planning models. Allocations are now part of data actions.

Here is an overview of core allocation features available in SAP Analytics Cloud:

Feature	Description
Allocation Process	Lets you determine how values from one source dimension is distributed among members of target dimensions. Allocation Process can consist of a single step, or a sequence of steps.
Allocation Steps	Lets you distribute values from a source dimension to one or more target dimensions. Allocation Steps can be added to a data action and can be combined with other step types in a data action.
Allocation Rules	Lets you specify what values in source dimension members are to be allocated to target dimension members. Allocation rules govern allocation steps.
Roles and Permissions	Lets you set permissions for allocations that are bound to roles. The permissions apply to all allocation steps. Users have different permissions for allocation steps and allocation processes.

2.12 AI for Planning & Analytics

SAP Analytics Cloud offers many AI features for improving business decisions and analysis workflow.

The following AI features are supported by SAP Analytics Cloud:

Feature	Description
AI-Assisted Calculations	Lets you generate and explain calculations using natural language.
AI-Assisted Chart Summary	Lets you summarize a SAP Analytics Cloud chart as text in Microsoft PowerPoint.
AI-Assisted Commenting	Lets you summarize existing comments and rephrase new comments when authoring.
AI-Assisted Data Actions	Lets you generates advanced formula scripts or comments.
Analytical Insights	Lets you explore your data and gain insights in Joule using natural language and from any SAP business application.
Just Ask	Lets you search your data using business terms you are familiar with, and display answers as simple charts and tables.
Predictive Planning	Lets you creates accurate forecasts to speed up planning activities. See also: Planning [page 22]
Run Forecasts in Time Series or Line Charts	Lets you automatically predict future data values in stories time series and line charts.
Smart Discovery	Lets you see hidden patterns in your data and automatically generates pages of visualizations.
Smart Grouping	Lets you analyze and group data points based on similar properties in bubble and scatterplot charts.
Smart Insights	Lets you see more information as text and visuals about data in a chart, a particular data point, or a variance in your visualization.
Smart Predict	Lets you create predictive models, deliver accurate predictions for analytics and planning. See also: Smart Predict [page 30]
Search to Insight	Lets you type simple English phrases to find key insights in your data. For information on the deprecation of Search to Insight , please refer to SAP Note 3532315 .

2.13 Smart Predict

Smart Predict uses SAP machine learning algorithms to explore relationships in your dataset and build a formula – a Predictive Scenario – to predict future events or trends. Currently, three types of predictive scenarios are available in Smart Predict: Classification, Regression, and Times Series Predictive Scenarios.

Smart Predict provides many tools, such as the following, to help you analyze and understand your results:

Feature	Description
Variable Contributions Report	Lets you see the influence of different categories of a variable on the target variable. This is applicable to classification and regression models.
Confusion Matrix	Lets you assess the model performance in detail, using standard metrics such as specificity. This feature is applicable to classification models.
Profit Simulation	Lets you estimate the expected profit, based on costs and profits associated with the predicted positive and actual positive targets. This feature is applicable to classification models.
Performance Curves	<p>Lets you compare your model to a random model and a hypothetical perfect model using performance curves such as:</p> <ul style="list-style-type: none"> • The Detected Target Curve • The Lift Curve • The Sensitivity Curve (ROC) • The Lorenz Curves • The Density Curves <p>This feature is applicable to classification models.</p>
Predicted vs. Actual Chart	Lets you see the prediction accuracy of your model using a graph and displays the actual target value as a function of predicted target values. This feature is applicable to regression models.
Forecast vs. Actual Graph	Lets you visualize the predicted values (forecast) and actual values (signal) for the input dataset to see how accurate your model is, what the outliers are, and the zone of possible errors. This feature is applicable to time series forecasting models.
Lagged Predictors Contribution	Lets you identify whether the signal is influenced by the recent past or far past in the case of an autoregressive component. This feature is applicable to time series forecasting models.
Multi-Column Segmentation	Lets you create forecasts for segments that combine values from multiple columns. This feature is applicable to time series forecasting models.

2.14 SAP Digital Boardroom

SAP Digital Boardroom is an interactive and real-time presentation tool.

The following features are supported by SAP Digital Boardroom:

Feature	Description
Agenda	Lets you present items in a linear order that is useful for meetings with a timed schedule. You can create agenda items, and then add and combine pages from any story into your topics.
Dashboard	Lets you present without a predefined path to follow. You can create freeform topics to match your business organization, and then add and combine pages from any story.
Value Driver Trees	Lets you enhance your presentation. Link Value Driver Trees to your Digital Boardroom to explore alternative courses of action and compare the impact of potential decisions.
Mobile App	Lets you access Digital Boardroom anywhere and anytime with the Analytics Cloud mobile app.
Multi-Screens and Touch Screen	Lets you use the Digital Boardroom on a three-screen display with touch capabilities.
Prompts for All Pages	Lets you change prompts for all pages instead of page by page.
Action Bar Combined with Header or Footer	Lets you combine the Action Bar with the header or footer.

2.15 Mobile App

With the SAP Analytics Cloud mobile app, you have access to your analytics anywhere and anytime. Use the mobile app to connect to your SAP Analytics Cloud solution while on-the-go.

iOS Features

Feature	Description
Single Sign-On	Lets you access your analytics anywhere and anytime. Similar to the web version, users can log in via Single Sign-On.
Stories On Mobile	Lets you view and interact with Stories on your mobile iOS device. You can use gestures to view and modify chart values in your stories.

Feature	Description
Digital Boardroom on Mobile	Lets you view and interact with Digital Boardroom presentations on your mobile iOS device. You can use swipe gestures to navigate between story pages.
Annotations	Lets you add drawing or text to a Story or Digital Boardroom. When you're done, you can share it with your colleagues.
Share and Collaborate	Lets you share and collaborate with colleagues from your mobile iOS device. You can share story and Digital Boardroom links, and participate in discussions with colleagues.
Receive and Manage Notifications	Lets you receive, review, and manage notifications from SAP Analytics Cloud on your mobile iOS device. You can open shared stories and invited discussions directly from your notifications.
Mobile Application Management	Lets you, as an administrator, to provision and control access to mobile applications on devices used in your organization. You can also pre-configure settings for mobile business users.
SAP Analytics Cloud iOS SDK	Lets you, as a developer, build your own version of the mobile app to distribute internally within your organization.
Search to Insight on Mobile	Lets you query your acquired models using Search to Insight and share your findings with other users on your mobile iOS device.
HANA Variables	Lets you use HANA input parameters and variables within SAP Analytics Cloud on your mobile iOS device.
Story Metadata	Lets you view translate user-defined story metadata based on acquired data connections.

Android Features

Feature	Description
Stories On Mobile	Lets you view and interact with Stories on your mobile Android device.

2.16 Analytics Hub

SAP Analytics Hub offers IT administrators and content authors a simple way to manage enterprise-wide access to all analytics scattered across multiple applications and platforms.

The following features are supported by Analytics Hub:

Feature	Description
Viewing Assets	Lets you access a catalog of assets that are displayed as tiles.
Creating, Editing, and Validating	Lets you create, edit or validate the content of assets if you have appropriate user privileges.
Managing the Structure and Design	Lets you define the layout and structure of assets and visual look-and-feel of your hub. This feature is enabled for users with an administrator profile.
Consulting Usage Statistics	Lets you consult usage statistics of your hub. This feature is enabled for users with an administrator profile. Usage statistics include the following: <ul style="list-style-type: none">• Unique Users• Unique Asset Views• Total Asset Views• Top 5 Assets
Downloading SAP Analytics Hub Data	Lets you download your organization's data from your hub. This feature is enabled for users with an administrator profile.
Uploading Elements	Lets you upload elements to your hub. This feature is enabled for users with an administrator profile. These elements include: <ul style="list-style-type: none">• Asset Structure• Branding
Mobile	Lets you access SAP Analytics Hub anywhere and anytime.
Managing Users	Lets you manage your user roles. User management is done within SAP Analytics Cloud.
Translating Content	Lets you translate hub asset content and structure to over 30 languages with the SAP Analytics Cloud translation service.

2.17 Translation

SAP Analytics Cloud offers multilingual content support that enables the translation of user defined fields in a given story by allowing you to upload and download the translated text in XLIFF format.

The following Translation features are supported by SAP Analytics Cloud:

Feature	Description
Multilingual Content Support	Lets you provide support for translation of user defined fields in a given story in different languages.
Enabling a Story	Lets you enable a story for translation by turning on the Mark for translation toggle button.
Enabling a Model	Lets you translate model metadata, both for live data models and import data models. Whenever you make a change or add text in a model, make sure to manually update the translation to keep your translated content up to date.
Translator Role	With appropriate translator and admin rights, you can create, read, and delete the translated text for a given story.
Translation Dashboard	<p>Lets the user with appropriate rights (translator role or admin role) create, read, and delete translations for a given story.</p> <p>You can view the following status for a given story in the translation dashboard:</p> <ul style="list-style-type: none">• Translated• Not Translated• Partially Translated
Data Access Language	Lets you select a language that would become the source language of a story as the story is being sent for translation.
Import/Export Option	Lets you upload and download the translated and the translatable content identified within a story in XLIFF format. At a given time, you can import multiple XLIFF files per story. This option is not available for Outstanding (partially translated) strings.
All Strings	Lets you download all the translatable strings for a given story.
Outstanding Strings	Lets you download the modified strings from the previous translation or the partially translated stories.
Editing Translated Text	<p>Lets you add, review, or delete the translated text in a story. You can perform the following tasks:</p> <ul style="list-style-type: none">• Select your preferred language• Filter the text based on the criteria such as Translated, Not Translated, HTML, or Text• Add, review, or delete the translated text• Remove all the translated text for a language

2.18 Security

SAP Analytics Cloud has built-in settings that system administrators can use to secure models and limit data access within your organization and the SAP Analytics Cloud system.

SAP Analytics Cloud has its own security concepts based on the SAP Cloud Platform, offering the following capabilities:

Feature	Description
User Management	Lets you create and modify users, as well as import and export them. Groups of users known as teams can be created. Such groups are useful when sharing stories or files in the system.
SSO & Authentication	Lets users have secure access to applications and business information across all systems with just one password.
Role Management	Lets you select the permissions included in a particular role as well as create and edit custom roles.
Data Access Control	Lets you manage access to data by setting read and write permissions for individual members.
File Permission	Lets you manage access to files shared with other users.
Audit Logs	Lets you keep record of security-related information such as changes to user master records or successful logins.
Content Deployment	Lets you create and manage exports and imports of content.
System Monitoring	Lets you see an overview of the current status of the system including the basic system information, system usage by memory and user, as well as log files.

2.19 Content Network

Using the Content Network, you can import, export, and share packages of content from within SAP Analytics Cloud. This way, you don't have to download and upload files to move content across systems, and you can also access helpful public content.

The Content Network provides several tools and resources to help you import, export, and manage content:

Feature	Description
Public Content	Lets you access a variety of content created by SAP and its partners. This includes: <ul style="list-style-type: none">• Sample content to help your users get started.• Content for specific industries and lines of business, to help you set up and enhance your business scenarios.
Private Content	Lets you package your own content and export it to the Content Network. Private content makes it easier to transfer content between systems.
Import Workflow	Lets you import public or private content from the Content Network to your SAP Analytics Cloud system.
Scheduling	Lets you get a notification when there's a new version of content that you've imported, or lets you automatically import the new version.
Overwrite Options	Lets you check your system to see if you have already imported any of the content in a package. If so, you can choose whether to overwrite it.
Sharing Settings	Lets you specify which systems have access to your content when you export it. Set any of the following rights for sharing destinations: <ul style="list-style-type: none">• View• Import• Edit• Delete
Buy and Import Content	Lets you buy content from the SAP App Centre and directly import it into SAP Analytics Cloud.

2.20 Connections

SAP Analytics Cloud supports connections to a wide range of data source systems.

The following connection types are available in SAP Analytics Cloud:

Feature	Description
Live Data Connections	<p>Lets you work with data that cannot be moved into the cloud for security or privacy reasons, or data that already exists on a different cloud system.</p> <p>Live Data Connections:</p> <ul style="list-style-type: none">• Are available for cloud and on-premise data sources• Do not replicate your data in SAP Analytics Cloud• Use existing data models for analysis• Update your data visualizations and stories with new data in real-time
Import Data Connections	<p>Lets you work with data imported from other source systems.</p> <p>Import Data Connections:</p> <ul style="list-style-type: none">• Are available for cloud and on-premise data sources• Replicate data within SAP Analytics Cloud• Create new data models through the Modeler• Update your data visualizations and stories when refreshed

Common used data sources for live data connections:

- SAP HANA
- SAP HANA Cloud
- SAP S/4 HANA
- SAP BW
- SAP BPC Embedded
- SAP Universes
- SAP Datasphere

Common used data sources for import data connections:

- Google BigQuery
- Google Drive
- OData Services
- Salesforce
- SQL

2.21 Administration

Use the System Administration feature to set general parameters for the application and to set up connectivity to external systems that interface with SAP Analytics Cloud.

Here's an overview of core features for administration:

Feature	Description
System Configuration	Lets you configure miscellaneous settings.
Data Source Configuration	Lets you manage information needed to connect to remote systems.
Security	Lets you configure the authentication method used by SAP Analytics Cloud.
R Configuration	Lets you configure connection settings to an external R environment.
App Integration	Lets you manage third-party application access by using OAuth clients and trusted identity providers.
Notifications	Lets you choose the users you want to deliver system event notifications to.
Appearance	Lets you customize the default homepage logo and background color for all users.
Catalog	Lets you and members of your organization view published content in one central location.

2.22 Additional Features

SAP Analytics Cloud offers additional features to improve your workflow and support your analysis, and decision process.

The following are additional features available in SAP Analytics Cloud:

Feature	Description
Collaboration	Lets you optimize group decision-making processes.
Files	Lets you upload, share, and manage files from your computer, such as Microsoft Office files, text files, and PDF files.
Catalog	Lets you view Stories, Analytic Applications, Digital Boardrooms and other content in one centralized location within SAP Analytics Cloud. The catalog simplifies access to content through a guided discovery and consumption experience.

3 Platform Security

SAP Analytics Cloud is a public software-as-a-service offering that provides secure cloud-based access to applications and data. It follows strict security standards and lets you integrate security features in cloud applications and services running on the SAP Analytics Cloud platform.

For more information, please visit the SAP Cloud Trust Center:<https://www.sap.com/about/trust-center.html>.

4 Product Availability

SAP Analytics Cloud offers plans based on three licenses: Business Intelligence, Planning, and Custom. Depending on the type of license purchased, you would have access to some or all of the following features:

- Business Intelligence functionality
- Smart Assist functionality, powered by SAP Predictive technology
- Planning functionality
- SAP Digital Boardroom
- SAP Analytics Hub
- Basic data source connectivity (Excel, CSV, and Google Sheets)
- Enterprise-level data source connectivity (SAP HANA, SQL, OData Services, and more)
- Team collaboration features
- 24/7 SAP Support and Service Level Agreement

A free trial is also available, with capabilities to connect your data sources, model your data, create visualizations, add augmented analytics, and try predictive planning. Full details about plans and pricing are available here: <https://www.sap.com/products/data-cloud/cloud-analytics.html>

5 Browser Support

ⓘ Note

SAP Analytics Cloud only supports a browser zoom (scale) level of 100% for designing or viewing stories. The *Manage Analytics Stories* app only supports a browser zoom (scale) level of 100% for designing or viewing stories.

While you shouldn't change the browser scale, you can change the scale for your display settings: on Windows 10 devices look for **Display Settings** and then **Scale and layout**, and on Mac devices look for **Display** and then **Scaled** preferences.

Client Software	Version	Additional Information
Desktop browser	Google Chrome, latest version (see Additional Information)	Google releases continuous updates to their Chrome browser. We make every effort to fully test and support the latest versions as they are released. However, if defects are introduced with OEM-specific browser software, we cannot guarantee fixes in all cases. For additional system requirements, see your web browser documentation.
	New Microsoft Edge, latest version (see Additional Information) (Microsoft Edge browsers based on the Chromium engine)	Microsoft has available for download continuous updates to their new Edge browser. We make every effort to fully test and support the latest versions as they are released.

ⓘ Note

Mobile browsers such as Google Chrome for iOS and Android, and Microsoft Edge for iOS and Android, are not supported. Please use the SAP Analytics Cloud mobile app.

6 Service Level Agreement

For more information, see [Service Level Agreement for SAP Cloud Services](#) .



This agreement document for cloud service offerings from SAP forms the basis of your contractual relationship with SAP when referenced in specific order forms. This document contains a specific section about SAP Analytics Cloud covering uptime, credits, update windows, and other information.

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