

What's New for Oracle Analytics Desktop

Here's an overview of the new features and enhancements we've added to improve your Oracle Analytics Desktop experience. It's organized by when a specific feature or enhancement became available.

Topics:

- [November 2024 \(8.1\)](#)
- [Earlier Features and Enhancements](#)

For the latest Oracle Analytics news, product features and updates, customer and partner stories, and market insights, see <https://blogs.oracle.com/analytics>.

November 2024 (8.1)

Exploring, Dashboarding, and Storytelling

Feature	Description
Create custom tooltips in workbooks	Create custom tooltips in workbooks to provide formatted column descriptions for workbook users. See Customize Visualization Tooltips .
Design datasets more easily	Design datasets more easily using the enhanced Join Diagram editor. Enhancements included global reset, free-form node placement, and new icons in nodes to show data settings. See Add Joins Between Dataset Tables .
Locate tables more easily	Locate tables more easily when you design workbooks using a homepage style search area in the Add Data dialog.
Organize your workbook calculations	Organize your workbook calculations and functions into subfolders in the My Calculations area. See Create a Folder to Store Calculations in a Workbook .
Style your dashboard filter controls	Style the filter selectors in your dashboard filter control by displaying or hiding the outline. Available for both the Standard and Filter Chip styles. See Dashboard Filter General Properties .

Feature	Description
Use parameters to show or hide a visualization	Show or hide a visualization on a canvas based on the selected value of a parameter to provide a more interactive dashboard experience. See Use a Parameter to Conditionally Show or Hide a Visualization .

Earlier Features and Enhancements

- [September 2024 \(8.0\)](#)
- [July 2024 \(7.9\)](#)
- [May 2024 \(7.8\)](#)
- [March 2024 \(7.7\)](#)
- [January 2024 \(7.6\)](#)
- [November 2023 \(7.5\)](#)
- [September 2023 \(7.4\)](#)
- [July 2023 \(7.3\)](#)
- [May 2023 \(7.2\)](#)
- [March 2023 \(7.1\)](#)
- [January 2023 \(7.0\)](#)

September 2024 (8.0)

Exploring, Dashboarding, and Storytelling

Feature	Description
Bind parameters to request variables	Bind a parameter to a request variable to temporarily set the request variable to the parameter's value for a specific workbook query. See Bind a Parameter to a Request Variable .
Convert workbook filters to dashboard filters	Move and convert all unpinned workbook filters to dashboard filters to utilize the functionality, filter styles, and personalization options that dashboard filters provide. See Convert Workbook Filters to Dashboard Filters .
Create calculation-based groups more easily	Create calculation-based groups in workbooks more easily without having to create expressions. See Create Group Calculations in a Workbook .
Create calculations more easily	Include nested calculations more easily in the workbook expression builder. See Create Reusable Functions and Calculations in a Workbook .
Create parameters with derived dates	Choose derived date columns such as Year, Quarter, and Month to create parameters for a date or datetime data type column. See About Parameter Properties .

Feature	Description
Deploy static reference layers to maps	Add static reference map layers to your map visualizations even when there's no business data related to these layers. For example, show a map of schools and overlay a tornado path map layer to identify buildings at risk. See Apply Reference Layers to Map Visualizations .
Display multiple legends in a workbook	Use a legend visualization to group legends in one place, and improve the end-user experience when viewing data. See Create a Legend Visualization .
Select filter styles for dashboard filters	Specify dashboard filter style and formatting to provide a better on canvas consumer filtering experience. See Change the Dashboard Filter Style .
Switch between auto and manual Present modes	Easily locate the icon to switch between auto and manual modes in Present. Improved descriptions explain what happens when you switch between modes. See Switch Between Auto and Manual Modes in Present .

Data Connectivity, Modeling, and Preparation

Feature	Description
Calculate duration more easily	Calculate duration in workbooks more easily between two dates or timestamps in your dataset. For example, calculation duration in years, quarters, months, weeks and so on. See Transform Editor Reference .
Create more efficient workbooks	Create more efficient workbooks by making the underlying dataset query performance more consistent. Set the Data Access Mode to Automatic Caching to take advantage of this feature.

July 2024 (7.9)

Exploring, Dashboarding, and Storytelling

Feature	Description
Apply conditional formatting to totals and subtotals	Apply conditional formatting to totals and subtotals in workbooks. See What Can I Do with Conditional Formatting?
Create canvases with enhanced layout	Select multiple visualizations to display equally on a canvas. See Display Multiple Visualizations Equally on a Canvas .
Create improved Sankey visualizations	Create improved Sankey diagrams to show resources, materials, and costs in workbooks. Use the Node Height Stretch property for enhancements such as node width adjustment, column height, placement and display of data labels and their font properties, and node gap ratio transparency. See Network Graphs .
Create precise relative time workbook filters	Create precise relative time workbook filters by excluding partial periods. See Apply Relative Time Filters .
Deploy vector-based map backgrounds	Analyze geographical data using the DataViz vector tiles map backgrounds, optimized for use in Data Visualization. See Use Different Map Backgrounds in a Workbook .

Feature	Description
Get notified about filter personalizations	Get notified when opening a workbook that has filter personalizations applied to it. See About Filter Personalizations .
Launch Data Actions in new ways	Launch Data Actions in new ways using new launch options in workbooks. See Create Data Actions to Connect Canvases .

Augmented Analytics and Machine Learning

Feature	Description
Review useful metadata AutoML models	Review useful metadata about models generated by AutoML using the model inspector tab in workbooks. See What Are a Predictive Model's Related Datasets?

May 2024 (7.8)

Exploring, Dashboarding, and Storytelling

Feature	Description
Bind a parameter to exclude filter values	Bind a parameter to a workbook, dashboard, or visualization filter's Exclude property to pass excluded values between filters. See Create and Bind a Parameter to Exclude Filter Values .
Export content to Excel from embedded visualizations	Export table and pivot table data in Microsoft Excel format from embedded workbooks. See Export a Visualization .
Design canvas layouts to control how visualizations display on different screen sizes	Use the Responsive Canvas editor to design and optimize canvas layouts for the browser on different devices, for example mobile, tablet, or laptop. See Design Canvas Layouts for Different Screen Sizes .
Add an Inline List filter selector to dashboards	Use the Inline List dashboard filter to allow users to select a single data value (radio buttons) or multiple data values (checkboxes). See About Dashboard Filters .

March 2024 (7.7)

Exploring, Dashboarding, and Storytelling

Feature	Description
Add emojis and icons to more visualization types	Enhance composite and tile visualizations with emojis and icons. See What Can I Do With Conditional Formatting?
Bind parameters to reference lines	Bind a parameter to a reference line or reference band date value or range to place the visualization's reference line or band based on date values the user specifies. See Bind a Reference Line or Band to a Parameter .
Control how workbook consumers configure maps	Control how workbook consumers can select shapes in map visualizations. See Apply Multiple Data Layers on a Single Map Visualization .

Feature	Description
Display negative numbers in red	Display data labels and tooltips containing negative numbers in red in visualizations. See Format Numeric Values of Visualizations .
Display reference lines in attribute columns	Display reference lines in attribute columns in visualizations. See Add Reference Lines to Visualizations .
Bind parameters to relative time filters	Bind a parameter to a relative time filter to dynamically update a visualization based on user input to relative time periods. See Create and Bind a Parameter to a Filter .
Bind parameters to Top/Bottom N filters	Bind a parameter to a Top/Bottom N filter to dynamically update a visualization based on user input to top and bottom filter values. See Create and Bind a Parameter to a Filter .

Augmented Analytics and Machine Learning

Feature	Description
Assess machine learning models using quality metrics	Access machine learning models generated by AutoML using quality metrics accessed from a new Quality tab in the inspect model dialog. See Assess a Predictive Model's Quality .

January 2024 (7.6)

Exploring, Dashboarding, and Storytelling

Feature	Description
Annotate workbook data with icons and emojis	Annotate table and pivot table labels with icons and emojis based on conditional formatting rules in workbooks. See What Can I Do With Conditional Formatting?
Choose a parameter's initial value from the list of available values	Create a workbook parameter with a list of available values and then select the parameter's initial value from a drop-down list of the available values. See About Parameter Properties .
Control zoom in workbooks	Customize workbooks using Present for consumers to have zoom controls when viewing workbook content. See Show or Hide the Zoom Button for Consumers in Present
Draw reference lines for time based category columns	Draw reference lines, format, and control the z-order of reference lines for date and date-time category columns in workbooks. See Add Reference Lines to Visualizations .
Export table data to Excel format	Export formatted data from workbook tables or pivot tables to Excel. See Export Formatted Data from a Visualization to Excel .
Format colors in regions and point layers	Select colors in workbooks for regions and point layers in map layer properties. See Apply Multiple Data Layers on a Single Map Visualization .
Format negative y-axis values	View 100% stacked bar charts with a negative y-axis for negative values in workbooks. See Bar Graphs .
Format parameter values	Format numeric parameter values based on the workbook user's locale. See About Parameter Properties .

Feature	Description
Format the line thickness in maps	Select the line thickness in a line map layer in workbooks. See Apply Multiple Data Layers on a Single Map Visualization .
Localize custom workbook details	Localize custom user strings in workbooks such as workbook name, canvas name, visualization title, and custom labels. See Localize Data Visualization Workbook Captions .
Personalize workbook filter values	Persist dashboard filter selections, visualization filters selections, and any visualizations with Use as Filter enabled when you reopen the workbook. Choose to revert personalized selections to the author-defined workbook. Turn off filter personalizations in the workbook's presentation flow. See About Filter Personalizations and Specify Personalization Options in Present .
Specify workbook and canvas header toolbar options	(No longer preview, on by default) Use Present to show or hide toolbar options such as export, refresh data, notes, undo and redo, and revert personalizations at the workbook level. Override the workbook toolbar options at the canvas level. See Select Workbook Toolbar Options in Present and Select Canvas Visualization Toolbar Options in Present .
Specify workbook and canvas visualization toolbar and menu options	(No longer preview, on by default) Use Present to show or hide visualization toolbar and menu options at the workbook level, and override the visualization toolbar and menu settings at the canvas level. See Specify the Workbook Visualization Actions in Present and Specify Canvas Visualization Menu Options in Present .
Style maps more easily	Style regions, points, and border lines in map visualizations display using default widths and colors if not customized by the user. See Enhance Visualizations with Map Backgrounds .
Use calculation columns for parameter available values	Choose a calculated column from the workbook's My Calculation folder to provide the parameter's available values. See About Parameter Properties .

Data Connectivity, Modeling, and Preparation

Feature	Description
Merge data tables by column name	Merge data tables by column name in addition to the existing merge by column position when you use the Union Rows step in data flows for workbook data. See What Steps Can I Use to Organize and Integrate My Data?

November 2023 (7.5)

Exploring, Dashboarding, and Storytelling

Feature	Description
Adjust the workbook filter bar	Specify the workbook's filter bar options in Present. Choose to make filters read-only; hide the filter menu; or add, remove, or disable filters. See Specify Workbook Filter Options in Present .

Feature	Description
Bind parameters to range filters	Bind parameters to a range filter's start and end date values or minimum and maximum numeric values in workbooks. See Create and Bind a Parameter to a Filter .
Configure line properties and transparency in line, area, combo, and overlay charts.	Configure line style, thickness, and transparency properties in line, area, combo, and overlay charts in workbooks. See Change the Pattern and Width of Lines in Graphs .
Create and manage watchlists as a consumer user	Create and manage watchlists as a consumer user to provide easy access to your favorite workbook visualizations. See Set the Workbook Properties in Present , Set Canvas Properties in Present , and About Watchlists .
Create parameters for subject area double columns	Use aliases and key values options to create parameters for double columns in workbooks. See Create and Bind a Parameter to a Double Column Type Filter and Create a Parameter that Uses a Logical SQL Query for a Double Column .
Format negative numbers in red more easily	Use a single click to quickly change the display format of negative numbers to red in workbooks. See Format Numeric Values of Visualizations .
Format numbers with abbreviations in visualizations	Use single letters to represent the abbreviation of large measure numbers in workbook visualizations. See Set Scale Options for Numbers and Currency Values .
Format pieces of maps	Format pieces of map visualizations such as colors of borders and outlines, and widths of points, lines, and regions in workbooks. See Add an Outline to Points and Shapes on a Map .
Label tree maps and grid heatmaps	Label tree maps and grid heatmaps in workbooks, with advanced properties. See Add Data Labels to a Map .
List box dashboard filter options	Use the custom values, null selectors, and All values options to specify a list box dashboard filter's selection options in workbooks. See About the Dashboard Filter .
Navigate canvases using top tabs	Choose the Top Tab workbook navigation style in Present to add the canvas navigation control to the top of workbooks. See Specify the Workbook Canvas Navigation in Present .
Pass aliases in data actions	Include aliases in parameters to send display values for each key value for target workbooks included in a data action. See About Parameter Properties .
Prompt dashboard users for filter values	Specify if the user is required to select a value for a parameter used as a dashboard filter in workbooks. See Create and Bind a Parameter to a List Box Dashboard Filter .
Specify workbook and canvas header toolbar options	Use Present to show or hide toolbar options such as export, refresh data, notes, undo and redo, and revert personalizations at the workbook level. Override the workbook toolbar options at the canvas level. See Select the Workbook Toolbar Options in Present and Select Canvas Visualization Toolbar Options in Present .
Specify workbook and canvas visualization toolbar and menu options	Use Present to show or hide visualization toolbar and menu options at the workbook level, and override the visualization toolbar and menu settings at the canvas level. See Specify the Workbook Visualization Actions in Present and Specify Canvas Visualization Menu Options in Present .

Data Connectivity, Modeling, and Preparation

Feature	Description
Aggregate text columns in data flows	Aggregate text columns in data flows using various predefined delimiters. See What Steps Can I Use to Organize and Integrate My Data? .
Connect to Delta Share	Use Delta Share as a data source for workbooks. See Supported Data Sources .
Connect to Google Analytics V4	Use Google Analytics V4 as a data source for workbooks. See Supported Data Sources .
Enrich your data from the visualize canvas	Enrich your workbook data more easily by dragging data items based on knowledge enrichments onto the visualize canvas. In the data elements tree, look for an arrow indicating the availability of knowledge enrichments for each classified column. See Using Knowledge Enrichments in the Workbook Editor .

September 2023 (7.4)

Exploring, Dashboarding, and Storytelling

Feature	Description
Add descriptions to tile visualizations	Annotate tile visualizations with descriptions to guide workbook consumers. See About Visualization Properties .
Create data actions from tiles	Create data actions directly from tile visualizations in workbooks.
Create data actions from measures on composite tiles	Create data actions directly from measures on composite tile visualizations in workbooks.
Filter workbooks using a list box	Use the List Box filter type in dashboard or visualization filters to provide a simplified list filter selection experience. See About the Dashboard Filter .
Locate invalid filters	Quickly identify and understand any invalid filters in a workbook. An icon indicating an invalid filter is displayed and you can hover over it to learn why the filter is invalid and how to fix it.
Format dates and times for subject area items	Format dates and times in subject area-based columns and calculations in workbooks. See About Visualization Properties .
Visually demarcate sections with line spacers	Format canvases using line spacers in workbooks. See Filter and Other Visualization Types .
Curate compelling workbooks with Present enhancements	Use Present enhancements to easily curate compelling user workbooks. See What Is a Presentation Flow?
Show details on geometries on maps	Display descriptions or other information (such as metric and attribute values) on top of geometries on map visualizations in workbooks.
Control validation of parameter values in workbooks	Specify whether to validate a parameter's initial and available values when saving the parameter and opening a workbook that uses the parameter. See About Parameter Properties .
Validate SQL statements for parameter values	Validate and find any errors in the SQL statements used to populate a workbook parameter's available and initial values. See About Parameter Properties .

Feature	Description
Select a data column for parameter values	Choose a data column to populate a workbook parameter's available values. See About Parameter Properties.
Bind double-column parameters to double-column list filters	Create a double-column parameter and bind it to a double-column list filter in a workbook. See Create and Bind a Parameter to a Double Column Type Filter.
Share workbook links with options including QR code	Share workbooks using links with various options such as QR codes.

Data Connectivity, Modeling, and Preparation

Feature	Description
Improve profiling of datasets based on local subject areas	Improve profiling of datasets based on local subject areas with a simple Top N sample. See Data Profiles and Semantic Recommendations.

July 2023 (7.3)

Exploring, Dashboarding, and Storytelling

Feature	Description
Bind parameters to list filters	Bind a parameter to a workbook's list filter to pass a selected filter value to the parameter. Binding a parameter to a workbook's list filter enables content authors to dynamically accept, store, and manipulate the parameter's stored values. See Bind a Parameter to a Filter.
Use data actions to pass parameter values bound to filters to external workbooks	Enhance workbook navigation by passing parameter values bound to a list filter to a data action. See Use an Analytics Link Data Action to Pass Parameter Values.
Create parameters with a single click	Use a single click in a workbook's list filter to create a parameter and bind it to the list filter. See Create and Bind a Parameter to a Filter.
Auto Apply setting for parameters on filter bars	Specify if filter values selected from parameters on the filter bar are automatically applied to the workbook or if users need to manually apply them. See About Automatically Applied Filters.
Provide custom label names and set the selection mode	Specify label names for filters in visualizations in workbooks and set the filter controls for either single or multiple selection. See Customize the Label of Visualization Filters, and Disable Multiple Select for Visualization List Filters.
Create data actions that use the PATCH method	Create HTTP request data actions that use the PATCH method in workbooks. See Create HTTP Data Actions.
Display or hide the visualization toolbar	Show or hide the visualization toolbar in Present for workbook users when curating a dashboard experience. See Specify How Users Can Interact With a Canvas.

Feature	Description
Include spark charts in tile visualizations	Configure spark charts in tile visualizations easily using a new grammar panel for workbooks. See Use Spark Charts to Examine Trends .

Data Connectivity, Modeling, and Preparation

Feature	Description
Connect to an Oracle Analytics Views instance	Use an Oracle Analytics View as a data source for workbooks. See Connect to Oracle Analytic Views .

May 2023 (7.2)

Exploring, Dashboarding, and Storytelling

Feature	Description
Conditional (rule based) annotations	Annotate data when it meets specified condition rules. See Add Conditional Formatting to Data .
Copy and paste grammar columns (accessibility)	Copy and paste grammar columns more easily using keyboard shortcuts. See Accessibility Features and Tips for Oracle Analytics Cloud .
Custom labels for tile secondary measures	Add a custom label to a tile visualization's secondary measures. See About Visualization Properties .
Enhanced data action rules	Use data actions to provide filter context values to target workbooks. See Use Data Actions .
Enhanced scatter visualization properties	Create more powerful scatter visualizations using custom color for points, point outline and border, transparency, and connecting related points. See Scatter Graphs .
Maps conditional formatting	Highlight important data events in your map visualizations along with other visualization types. See What Can I Do With Conditional Formatting?
Parameter enhancements	A parameter no longer requires an initial value, and can use the first possible data value as the initial value. Workbook authors can include a parameter on a tile visualization's secondary measure label. Use a Parameter in a Tile Visualization's Measure Label .

Data Connectivity, Modeling, and Preparation

Feature	Description
Reorder columns in data flows	Reorder columns when you prepare data using a data flow. See What Steps Can I Use to Organize and Integrate My Data?
Transform data using replace	Enhance your data in the transform editor by entering replacement strings for multiple values with a single transform. See Transform Data Using Replace .

March 2023 (7.1)

Exploring, Dashboarding, and Storytelling

Feature	Description
Conditional formatting - rule blending	Blend rule styles. For example, allow one rule to color a cell and another rule to make the cell's font bold. See Add Conditional Formatting to Data .
Parameters for reusable values	Create parameters in a workbook to use like variables to store and manage reusable values. You can use parameters as selectors that allow users to change their view of the data. You can also use parameters as controls, in a visualization's properties, in logical SQL expressions, expression filters, calculations, and in data actions and workbook navigation. See What Are Parameters? and Create a Parameter .
Show or hide the filter bar on dashboards	When designing a dashboard in the workbook's Present page, you can choose to show or hide the filter bar in the dashboard. See Show or Hide the Filter Bar on the Dashboard .
Watchlists for easy access to content	Provide targeted links to analytics content from the Home page more easily and effectively. See Create a Watchlist .

Data Connectivity, Modeling, and Preparation

Feature	Description
Connect to MySQL Heatwave	Create analytics content based on MySQL Heatwave databases. See Supported Data Sources .
Connect to Vertica	Create analytics content based on Vertica databases. See Supported Data Sources .

Augmented Analytics and Machine Learning

Feature	Description
AutoML mode in data flows	Let Oracle Analytics create a prediction model for you using the AutoML capability in Oracle Autonomous Data Warehouse. See Train a Predictive Model Using AutoML in Oracle Autonomous Data Warehouse .

January 2023 (7.0)

Exploring, Dashboarding, and Storytelling

Feature	Description
Control data refresh overlays in visualizations	Control how overlays are shown in visualizations using the Visualization Overlay property of workbooks. See Set Visualization Loading Overlay Opacity .

Feature	Description
Display rows and columns of null values in pivot tables	Control how rows and columns of null values are displayed in pivot tables. This is especially useful when the top member of a hierarchy has a null value in Oracle Fusion Cloud Enterprise Performance Management or Oracle Essbase. See About Visualization Properties.
Configure the grid spacing between visualizations on the canvas	Configure the spacing of visualizations on the grid on the canvas. Use the Grid Guidelines property when the canvas is in Freeform mode. See Align visualizations Using Canvas Grid Guidelines.
Improved experience for the Grammar and Property panels	Easily navigate on the Property panel, which is now adjacent to the Grammar panel on all workbooks. You see a message alerting you to the workbook being in authoring mode.
Improved Home page	Easily navigate on the redesigned and styled Home page and take advantage of customization options.
Improved tile visualization	Try the improved tile visualization that allows you to add metrics to the tile while providing the layout and positioning of labels and values of the primary and secondary measures. See Filter and Other Visualization Types.
Improved Explain experience and segmentation algorithm	Try the improved user experience and enhanced algorithm supporting the Segmentation tab in Explain. Easily configure input for segmentation and export identified segments to use them directly on canvases. See Use Explain to Discover Data Insights.
Control bubble sizes on maps	Use bubbles to represent dots on a map. Set a minimum and maximum size in pixels for these bubbles, to control how cluttered the map looks depending on its zoom level and the density of the dots. See Apply Multiple Data Layers on a Single Map Visualization.
Assign a map background to map layers	Configure map backgrounds and layers to make it easier for workbook designers to build map visualizations. See Update Custom Map Layers.

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Oracle Analytics What's New for Oracle Analytics Desktop,
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