

## 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:

- [September 2025 \(8.6\)](#)
- [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>.

#### Note

The User's Guide for Oracle Analytics Desktop is only available in English as of the January 2025 update.

## September 2025 (8.6)

### Exploring, Dashboarding, and Storytelling

Feature	Description
Align cell values in table and pivot visualizations	Change the position of the values within table or pivot cells to be left, right, or center aligned.
Apply conditional formatting rules to totals and subtotals in table and pivot visualizations	Choose whether to apply a conditional formatting rule to all data, or to specific totals or subtotals in a table or pivot visualization. See <a href="#">What Can I Do With Conditional Formatting?</a> .
Create a more app-like user experience in workbooks	Provide workbook users with navigation options and data action links to create a more app-like user experience. See <a href="#">Button Bars</a> .

Feature	Description
Create data actions for non-data content	Create Data Actions for non-data content in workbooks, such as buttons. See <a href="#">Create a Button Bar</a> .
Create Mekko charts	Create Mekko charts using stacked bar charts with varying column sizes based on a measure. See <a href="#">Create a Mekko Chart in Oracle Analytics</a> .
Enhanced display of data actions	Display only data actions that consumer users have access to in workbooks. See <a href="#">Hide Inaccessible Data Actions in a Workbook for Consumers in Present</a> .
Enhancements to new canvas experience	When you create a new canvas in a workbook, the blank canvas now describes the options for how to start creating visualizations.
Export and share workbooks or visualizations in different formats more easily	Export and share workbooks or visualizations in different formats more easily using an expanded user interface. See <a href="#">Export Workbook Content in Various Formats</a> .
Improved consumer workbook experience	In consumer mode, when a consumer selects a visualization on a canvas, the visualization is no longer highlighted with a border.
Open workbooks in the original state	Workbooks open in the Original State by default unless you've specifically set a different state as the default workbook state. See <a href="#">Set the Default Workbook State</a> .
Select individual cells in table visualizations	Select one or more specific cells in tables, rather than an entire row, so you can copy more precise data values. See <a href="#">Selecting Data in Tables and Pivots</a> .
Use derived date columns with subject areas	Use the derived date columns available for any Date, Time, or Timestamp column in a subject area when you want different levels of granularity for that column in your workbooks. See <a href="#">Derived Dates in Workbooks</a> .
Use the simplified Personalization option in Present	In Present, use the simplified Personalization toggle to enable or disable personalization for workbook users. The individual Filter and Parameter personalization options are removed. See <a href="#">Turn Workbook Personalization On or Off in Present</a> .

## Data Connectivity, Modeling, and Preparation

Feature	Description
Add column descriptions to generated datasets	Add column descriptions when you use a data flow to create a dataset to assist consumers in understanding the column contents. Use the Save Data step in the data flow editor to describe dataset columns. See <a href="#">Create a Dataset Using a Data Flow</a> .
Filter data based on columns in multiple tables	Filter data based on columns in multiple tables in a dataset. For example, <code>Geo.State='TX'</code> or <code>Contact.State='TX'</code> . See <a href="#">Filter Data at the Dataset-Level</a> .

## Earlier Features and Enhancements

- [July 2025 \(8.5\)](#)
- [May 2025 \(8.4\)](#)

- [March 2025 \(8.3\)](#)
- [January 2025 \(8.2\)](#)
- [November 2024 \(8.1\)](#)
- [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 \(7.2\)](#)

## July 2025 (8.5)

### Exploring, Dashboarding, and Storytelling

Feature	Description
Access the visualization toolbar more easily	Access the visualization toolbar more easily and position it when in 'Freeform' layout in workbooks.
Add more powerful dynamic lines to maps	Add more powerful dynamic lines to maps in workbooks. Oracle Analytics now supports curved and bi-directional lines, directional arrows, attribute-based linking, and geometry support. See <a href="#">Dynamic Line Map Layers</a> .
Change the label positioning for linear gauges	Change the position of the range labels for vertical and horizontal gauges to make them easier to read. See <a href="#">Configure the Properties for a Gauge</a> .
Create NULL selection steps for level hierarchies	Use the Nulls operator in a selection step to specify which levels in a level-based hierarchy you want to include or exclude null values for. See <a href="#">Selection Steps Action and Operator Reference</a> .
Format parameters that are Date, Time, or Timestamp data types	Customize the format for parameters that are Date, Time, or Timestamp data types. See <a href="#">About Parameter Properties</a> .
Format headers and data headers differently in pivots	Format the header cells and data header cells in pivot visualizations differently to make them easier to read. See <a href="#">Format Headers in Pivot Visualizations</a> .
Save a custom workbook state without making filter personalizations	Save the current state of a workbook as a custom state without making any filter personalizations first. This way you can save the workbook in the state it appears when you open a workbook URL that's been shared with you. See <a href="#">Create a Custom Workbook State</a> .

### Augmented Analytics and Machine Learning

Feature	Description
Use the Prophet forecasting model to forecast numerical values over time	Use the Prophet forecasting model to forecast numerical values over time in workbooks. Prophet uses a curve fitting approach, similar to BSTS models, except that it uses generalized additive models instead of a state-space representation. See <a href="#">What Statistical Analytics Can I Add to Visualizations?</a> .

## May 2025 (8.4)

### Exploring, Dashboarding, and Storytelling

Feature	Description
Add a reference line using a derived date column	Enhance a visualization by adding a reference line or reference band using a derived date column. (For datasets only.) See <a href="#">Add a Reference Line to a Visualization</a> .
Analyze historic data from Google Analytics	Analyze historic data from Google Analytics in workbooks. See <a href="#">Create a Dataset from Google Analytics V4</a> .
Bind parameters to reference lines that use attribute columns	Control a reference line or band on a visualization by binding parameters to reference line values or reference band ranges that use attribute columns. See <a href="#">Bind a Reference Line or Band to a Parameter</a> .
Create linear gauge visualizations	Visualize single metric values in vertical or horizontal bar gauges to measure their performance. See <a href="#">About Gauge Visualizations</a> .
Dynamic Lines on Maps	Use dynamic lines to automatically represent straight lines between specified start and end coordinates on a map. See <a href="#">Represent Connections Between Coordinates on a Map Visualization</a> .
Load local subject area queries from the cache to maximize performance	Maximize workbook performance by configuring datasets based on local subject areas to load from the cache. During dataset creation, set Data Access Mode to "Extracted" for local subject areas. See <a href="#">Choosing a Data Access Type for Dataset Tables</a> .
Set the default workbook layout for the mobile app to Desktop Mode	Use the new Desktop Mode option for the Mobile Experience property in Present to set the workbook to open in a desktop format in the Oracle Analytics mobile app. See <a href="#">Specify the Workbook Layout for the Mobile App in Present</a> .
Use selection steps in workbooks	Add selection steps in the filter bar, as dashboard filter controls, or directly to visualizations to refine the data displayed in visualizations that use hierarchical columns. See <a href="#">Use Selection Steps</a> .

## March 2025 (8.3)

### Exploring, Dashboarding, and Storytelling

Feature	Description
Access display options in visualizations more easily	Access display options more easily from the visualization toolbar. For example, change options such as keep selected, and remove selected, and data action. See <a href="#">Tips on Editing a Visualization</a> .
Control the default workbook layout for the mobile app	Use the Mobile Experience property in Present to specify the default workbook layout when a user opens the workbook in the Oracle Analytics mobile app. See <a href="#">Specify the Workbook Layout for the Mobile App in Present</a> .
Create and save multiple personalized workbook states	Save a workbook in a state with specific filters applied and give the state a custom name. You can save multiple states and choose which one to apply when you open the workbook again. See <a href="#">Use Filter Personalizations</a> .
Create gauge visualizations	Visualize single metric values in circular or semi-circular gauges to measure their performance. See <a href="#">Use Gauge Visualizations</a> .
Customize label names for totals	Label totals with a custom name to provide more meaningful analytics to workbook users. See <a href="#">Create Custom Labels for Grand Totals in Tables and Pivots</a> .
Hide all Color and Shape columns	Hide one or more columns in the Color and Shape sections of the Grammar pane so that you can hide a column in both the visualization and its legend. See <a href="#">About Hidden Columns</a> .
Display negative percentage values	Display negative percentage values in visualizations. See <a href="#">Format Numeric Values of Visualizations</a> .
Enable workbook users to invoke data actions more easily	Enable workbook users to invoke data actions more easily using a single click on a data column. See <a href="#">Display Values in Table and Pivot Visualizations as Links</a> .
Sort calculations and calculation folders more easily	Make workbooks more usable by sorting folders and calculations alphabetically. See <a href="#">Create a Folder to Store Calculations in a Workbook</a> .
Use selection steps in workbooks	Add selection steps in the workbook filter bar to filter hierarchical columns in visualizations to refine the data displayed. See <a href="#">About Selection Steps</a> .

## January 2025 (8.2)

### Exploring, Dashboarding, and Storytelling

Feature	Description
Add conditional formatting for attributes	Format data in workbooks using conditional rules based on attribute values. See <a href="#">Add Conditional Formatting to Data</a> .
Customize tooltips in more visualization types	Provide customized tooltips for workbook users in visualizations of type Maps, Sunburst, Network, and Boxplot. See <a href="#">Customize Visualization Tooltips</a> .
Hide columns in visualizations	Configure a visualization using a column that isn't visible to end users. See <a href="#">Hide Columns in Visualizations</a> .
Provide workbook users with customized tooltips	Include parameters such as Current Date in customized tooltips for workbook users. See <a href="#">Customize Visualization Tooltips</a> .

### Data Connectivity, Modeling, and Preparation

Feature	Description
Add data more easily using an enhanced user-interface	Add data to workbooks more easily by resizing the Add Data dialog and columns to make metadata easier to read. See <a href="#">Add Data to a Workbook</a> .
Load multiple sheets simultaneously	Add spreadsheet data to workbooks more easily by including data from multiple sheets. See <a href="#">Create a Dataset from a File Uploaded from Your Computer</a> .

## 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 <a href="#">Customize Visualization Tooltips</a> .
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 <a href="#">Add Joins Between Dataset Tables</a> .
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 <a href="#">Create a Folder to Store Calculations in a Workbook</a> .
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 <a href="#">Dashboard Filter General Properties</a> .
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 <a href="#">Use a Parameter to Conditionally Show or Hide a Visualization</a> .

## 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 <a href="#">Bind a Parameter to a Request Variable</a> .
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 <a href="#">Convert Workbook Filters to Dashboard Filters</a> .

Feature	Description
Create calculation-based groups more easily	Create calculation-based groups in workbooks more easily without having to create expressions. See <a href="#">Create Group Calculations in a Workbook</a> .
Create calculations more easily	Include nested calculations more easily in the workbook expression builder. See <a href="#">Create Reusable Functions and Calculations in a Workbook</a> .
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 <a href="#">About Parameter Properties</a> .
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 <a href="#">Apply Reference Layers to Map Visualizations</a> .
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 <a href="#">Create a Legend Visualization</a> .
Select filter styles for dashboard filters	Specify dashboard filter style and formatting to provide a better on canvas consumer filtering experience. See <a href="#">Change the Dashboard Filter Style</a> .
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 <a href="#">Switch Between Auto and Manual Modes in Present</a> .

## 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 <a href="#">Transform Editor Reference</a> .
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 <a href="#">What Can I Do with Conditional Formatting?</a>
Create canvases with enhanced layout	Select multiple visualizations to display equally on a canvas. See <a href="#">Display Multiple Visualizations Equally on a Canvas</a> .

Feature	Description
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 <a href="#">Network Graphs</a> .
Create precise relative time workbook filters	Create precise relative time workbook filters by excluding partial periods. See <a href="#">Apply Relative Time Filters</a> .
Deploy vector-based map backgrounds	Analyze geographical data using the DataViz vector tiles map backgrounds, optimized for use in Data Visualization. See <a href="#">Use Different Map Backgrounds in a Workbook</a> .
Get notified about filter personalizations	Get notified when opening a workbook that has filter personalizations applied to it. See <a href="#">About Filter Personalizations</a> .
Launch Data Actions in new ways	Launch Data Actions in new ways using new launch options in workbooks. See <a href="#">Create Data Actions to Connect Canvases</a> .

## 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 <a href="#">What Are a Predictive Model's Related Datasets?</a>

## 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 <a href="#">Create and Bind a Parameter to Exclude Filter Values</a> .
Export content to Excel from embedded visualizations	Export table and pivot table data in Microsoft Excel format from embedded workbooks. See <a href="#">Export a Visualization</a> .
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 <a href="#">Design Canvas Layouts for Different Screen Sizes</a> .
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 <a href="#">About Dashboard Filters</a> .

## 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 <a href="#">What Can I Do With Conditional Formatting?</a>
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 <a href="#">Bind a Reference Line or Band to a Parameter.</a>
Control how workbook consumers configure maps	Control how workbook consumers can select shapes in map visualizations. See <a href="#">Apply Multiple Data Layers on a Single Map Visualization.</a>
Display negative numbers in red	Display data labels and tooltips containing negative numbers in red in visualizations. See <a href="#">Format Numeric Values of Visualizations.</a>
Display reference lines in attribute columns	Display reference lines in attribute columns in visualizations. See <a href="#">Add Reference Lines to Visualizations.</a>
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 <a href="#">Create and Bind a Parameter to a Filter.</a>
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 <a href="#">Create and Bind a Parameter to a Filter.</a>

## 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 <a href="#">Assess a Predictive Model's Quality.</a>

## 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 <a href="#">What Can I Do With Conditional Formatting?</a>
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 <a href="#">About Parameter Properties.</a>
Control zoom in workbooks	Customize workbooks using Present for consumers to have zoom controls when viewing workbook content. See <a href="#">Show or Hide the Zoom Button for Consumers in Present</a>
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 <a href="#">Add Reference Lines to Visualizations.</a>

Feature	Description
Export table data to Excel format	Export formatted data from workbook tables or pivot tables to Excel. See <a href="#">Export Formatted Data from a Visualization to Excel</a> .
Format colors in regions and point layers	Select colors in workbooks for regions and point layers in map layer properties. See <a href="#">Apply Multiple Data Layers on a Single Map Visualization</a> .
Format negative y-axis values	View 100% stacked bar charts with a negative y-axis for negative values in workbooks. See <a href="#">Bar Graphs</a> .
Format parameter values	Format numeric parameter values based on the workbook user's locale. See <a href="#">About Parameter Properties</a> .
Format the line thickness in maps	Select the line thickness in a line map layer in workbooks. See <a href="#">Apply Multiple Data Layers on a Single Map Visualization</a> .
Localize custom workbook details	Localize custom user strings in workbooks such as workbook name, canvas name, visualization title, and custom labels. See <a href="#">Localize Data Visualization Workbook Captions</a> .
Personalize workbook filter values	Persist dashboard filter selections, visualization filters selections, and any visualizations with <b>Use as Filter</b> 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 <a href="#">About Filter Personalizations and Specify Personalization Options in Present</a> .
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 <a href="#">Select Workbook Toolbar Options in Present and Select Canvas Visualization Toolbar Options in Present</a> .
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 <a href="#">Specify the Workbook Visualization Actions in Present and Specify Canvas Visualization Menu Options in Present</a> .
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 <a href="#">Enhance Visualizations with Map Backgrounds</a> .
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 <a href="#">About Parameter Properties</a> .

## 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 <a href="#">What Steps Can I Use to Organize and Integrate My Data?</a>

## 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.
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.

Feature	Description
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.

Feature	Description
Curate compelling workbooks with Present enhancements	Use Present enhancements to easily curate compelling user workbooks. See <a href="#">What Is a Presentation Flow?</a>
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 <a href="#">About Parameter Properties</a> .
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 <a href="#">About Parameter Properties</a> .
Select a data column for parameter values	Choose a data column to populate a workbook parameter's available values. See <a href="#">About Parameter Properties</a> .
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 <a href="#">Create and Bind a Parameter to a Double Column Type Filter</a> .
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 <a href="#">Data Profiles and Semantic Recommendations</a> .

## 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 <a href="#">Bind a Parameter to a Filter</a> .
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 <a href="#">Use an Analytics Link Data Action to Pass Parameter Values</a> .
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 <a href="#">Create and Bind a Parameter to a Filter</a> .
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 <a href="#">About Automatically Applied Filters</a> .

Feature	Description
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 <a href="#">Customize the Label of Visualization Filters</a> , and <a href="#">Disable Multiple Select for Visualization List Filters</a> .
Create data actions that use the PATCH method	Create HTTP request data actions that use the PATCH method in workbooks. See <a href="#">Create HTTP Data Actions</a> .
Display or hide the visualization toolbar	Show or hide the visualization toolbar in Present for workbook users when curating a dashboard experience. See <a href="#">Specify How Users Can Interact With a Canvas</a> .
Include spark charts in tile visualizations	Configure spark charts in tile visualizations easily using a new Grammar pane for workbooks. See <a href="#">Use Spark Charts to Examine Trends</a> .

### 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 <a href="#">Connect to Oracle Analytic Views</a> .

## May 2023 (7.2)

### Exploring, Dashboarding, and Storytelling

Feature	Description
Conditional (rule based) annotations	Annotate data when it meets specified condition rules. See <a href="#">Add Conditional Formatting to Data</a> .
Copy and paste grammar columns (accessibility)	Copy and paste grammar columns more easily using keyboard shortcuts. See <a href="#">Accessibility Features and Tips for Oracle Analytics Cloud</a> .
Custom labels for tile secondary measures	Add a custom label to a tile visualization's secondary measures. See <a href="#">About Visualization Properties</a> .
Enhanced data action rules	Use data actions to provide filter context values to target workbooks. See <a href="#">Use Data Actions</a> .
Enhanced scatter visualization properties	Create more powerful scatter visualizations using custom color for points, point outline and border, transparency, and connecting related points. See <a href="#">Scatter Graphs</a> .
Maps conditional formatting	Highlight important data events in your map visualizations along with other visualization types. See <a href="#">What Can I Do With Conditional Formatting?</a>
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 <a href="#">What Steps Can I Use to Organize and Integrate My Data?</a>
Transform data using replace	Enhance your data in the transform editor by entering replacement strings for multiple values with a single transform. See <a href="#">Transform Data Using Replace</a> .

## Documentation Accessibility

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This document describes new features and other notable changes for Oracle Analytics Desktop.

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