

Use Data Actions

A Data Action link can pass context values as parameters to external URLs, filters to other workbooks or to visualizations embedded in external containers. You can use actions to connect to canvases, external URLs, Oracle Business Intelligence Publisher reports, and use in external containers.

When a link navigates to a workbook, the data context is displayed in the form of canvas scope filters in the filter bar. The link's data context may include attributes associated with the selections or cell from which the link was initiated.

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Create Data Actions to Connect Visualization Canvases

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You can create data actions to navigate to a canvas in the current workbook or to a canvas in another workbook.



Video

You can also use data actions to transfer context-related information (for example, an order number) where the link displays details about an order number in another visualization or workbook.

1. On the Home page, select a workbook, click the **Actions menu**, and then select **Open**.
2. Click **Menu** on the workbook toolbar and click **Data Actions**.
3. Click **Add Action** and enter a name for the new navigation link.
 - You can use only letters and numbers in the navigation link's name.
 - You can add multiple navigation links.
4. Click the **Type** field and select **Analytics Link**.
5. Click the **Anchor To** field and select the columns from the current visualization to associate with this data action. Don't select measure columns or hidden columns. If you don't specify a value for the **Anchor To** field, then the data action applies to all data elements in the visualizations.
6. Click the **Workbook** field and select the workbook you want to use for the anchor:

- **Use This Workbook** - Select if you want to link to a canvas in the active workbook.
Columns that you select must be in the current visualization.
 - **Select from Catalog** - Select to browse for and select the workbook that you want to use.
7. Click the **Canvas Link** field and select the canvas that you want to use.
 8. Click the **Pass Values** field and select which values you want the data action to pass.

For example, if in the **Anchor To** field, you specified order number column, then in the **Pass Values** field, select **Anchor Data** to pass the specified column values.
 - **All** - Dynamically determines the intersection of the cell that you click and passes those values to the target.
 - **Anchor Data** - Ensures that the data action is displayed at runtime, but only if the required columns specified in the **Anchor To** field are available in the view context.
 - **None** - Opens the page (URL or canvas) but doesn't pass any data.
 - **Custom** - Enables you to specify a custom set of columns to pass.
 9. Click **Supports Multiple Selection** to set the value.
 - **On** - The data action can be invoked when one or multiple data points are selected.
 - **Off** - The data action can only be invoked when a single data point is selected. This setting is particularly useful when the selection of multiple data points might result in an error (for example, with some third-party REST APIs).
 10. Click **OK** to save.

Create Data Actions to Connect to External URLs from Visualization Canvases

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You can use data actions to navigate to an external URL from a canvas so that when you select a column such as the supplier ID, it displays a specific external website.

1. On the Home page, select a workbook, click the **Actions menu**, and then select **Open**.
2. Click **Menu** and select **Data Actions**.
3. Click **Add Action** and enter a name for the new navigation link.

You can add multiple navigation links.
4. Click the **Type** field and select **URL Navigation**.
5. Click the **Anchor To** field and select the columns that you want the URL to apply to. If you don't specify a value for the **Anchor To** field, then the data action applies to all data elements in the visualizations.
6. Enter a URL address and optionally include notation and parameters.

For example, where `http://www.example.com?q=$`
`{keyValuesForColumn:"COLUMN"}` is displayed like `www.oracle.com?q=$`