Build a Visualization by Adding Data from the Data Panel

This topic describes how to add data to a visualization.

Topics:

- Automatically Create the Best Visualization
- Use the Grammar Panel to Add Data to the Visualization
- Use the Assignment Panel to Add Data to the Visualization
- Modify a Visualization's Tooltips

Different Methods to Add Data

You can use different methods to add data from the Data Panel to create or update visualizations on a canvas.

Use one of the following methods to add data from the Data Panel:

- Drag data elements from the Data Panel and drop them onto the canvas.
- Select a data element or use Shift-click or Ctrl-click to select multiple data elements in the Data Panel, then right-click to select either a particular visualization type or the option to create a visualization automatically.
- Double-click a data element or use Shift-click or Ctrl-click to select multiple data elements in the Data Panel, then right-click to add them to the canvas.

When you update an existing visualization, you can add data from the Data Panel onto the Grammar Panel or Assignments Pane on the canvas. You can move the data elements from one area to another in the Grammar Panel or Assignments Pane. The visualization is updated based on your selection.

You can create a visualization by selecting a visualization type from the Visualization tab of the Data Panel and adding data elements to the canvas.

Automatically Create the Best Visualization

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You can automatically create the best visualization on the canvas based on a set of data elements.

1. On the Home page, select a workbook, click the **Actions menu**, and then select **Open**.

2. To automatically create a visualization on the canvas, do one of the following:

   - Drag data elements from the Data Panel and drop them directly onto the canvas.
   - Right-click data elements on the Data Panel and click **Create Best Visualization**.
   - Double-click data elements to add them to the canvas.

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A visualization is automatically created on the canvas, and the best visualization type is selected based on the preconfigured logic. The selected data element is also positioned on a specific area of the Grammar Panel. For example, if you add