

A Dual-Axis Combination Chart and a Scatterplot.

Sleeper Ch. 21-22

A Dual Axis: Sum(Sales) and Discount

Our combination chart will start out with a Yearly Sum(Sales) line chart:

- Columns: Year(Order Date)
- Rows: Sum(Sales)

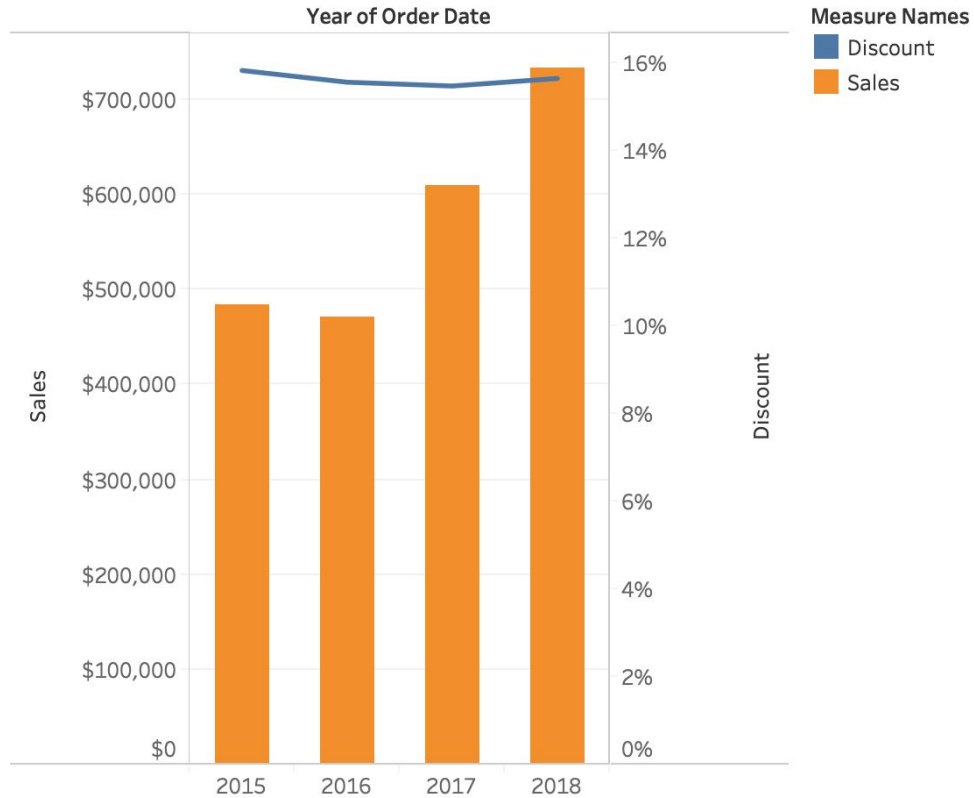
Select the measure **Discount** and drag it all the way to the right of the visual – location of the secondary y-axis.

Now update the Sum(Sales) Mark Cards:

- Card Marks Type: Bar

Adjust the width of the bars by clicking on the **Size Mark Card** for Sum(Sales) > **Manual**. Alternatively, right-click the Year(Order Date) pill on the Columns shelf and choose **Discrete**, not Continuous.

A Dual-Axis Combination Chart



The trends of Sales and Discount for Order Date Year. Color shows details about Sales and Discount.

Update to Small Multiples Viz

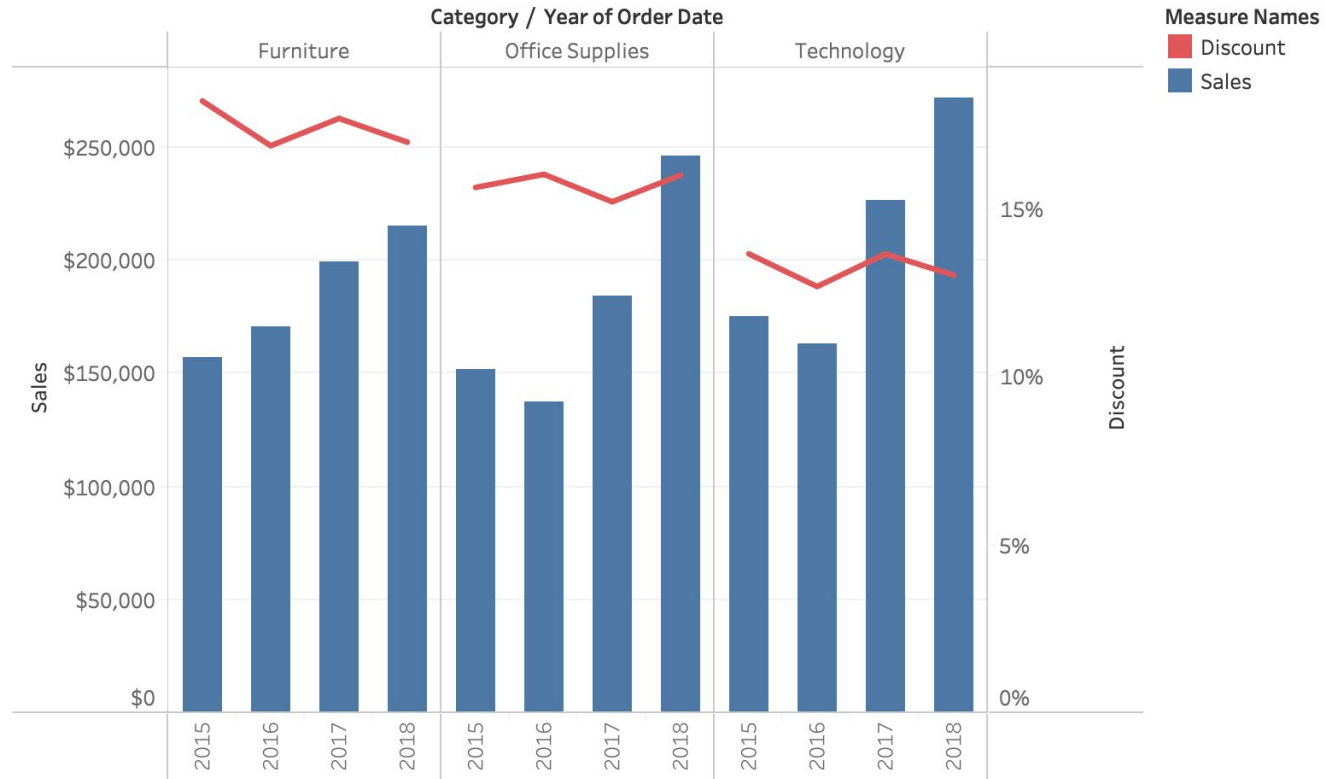
Change colors for the Sales Bar Chart to **Blue** and for the Discount Line chart to **Red** by clicking on the Color Marks Card.

Duplicate the Sheet if you like.

Update to Small Multiples by dragging a **Category** dimension to the Columns shelf:

- Columns: **Category**, **Year(Order Date)**

Small Multiples



The trends of Sales and Discount for Order Date Year broken down by Category. Color shows details about Sales and Discount.

A scatter plot displays data points at their respective intersections of two measures, and displays every data point on the same view.

A Scatterplot

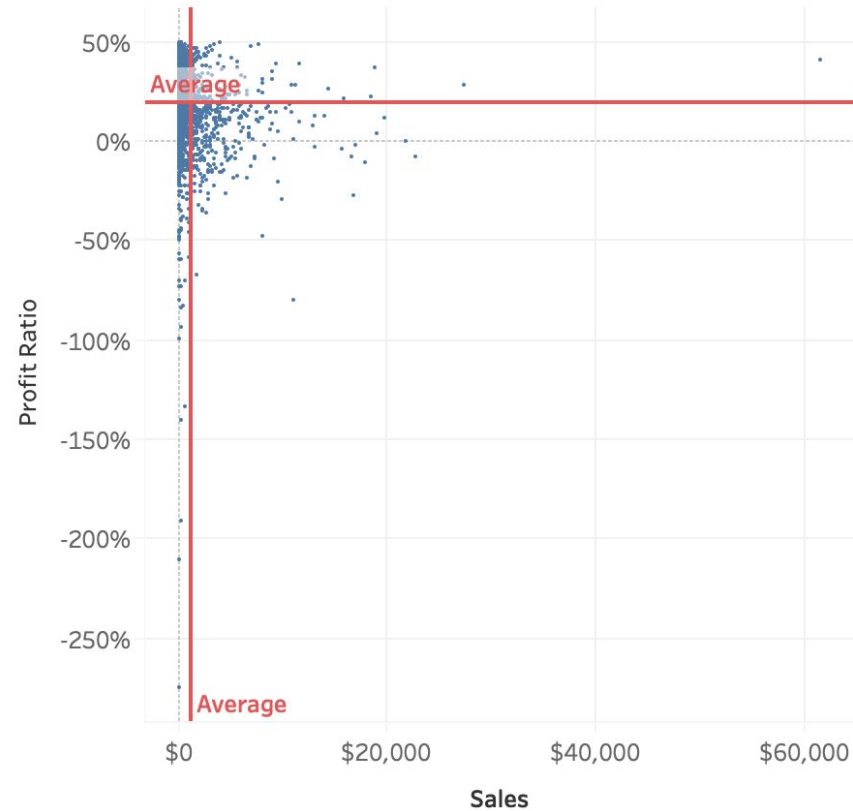
Product Sales vs Profit Ratio:

- Columns: `Sum(Sales)`
- Rows: `AGG(Profit Ratio)`
- Mark Type: Circle
- Detail Marks Card: Product Name

Right click each axis and select **Add Reference Line**.

Change the format of each reference line by right-click > **Format...** > **Reference Line** > **Line**

A Scatterplot



Sum of Sales vs. Profit Ratio. Details are shown for Product Name.