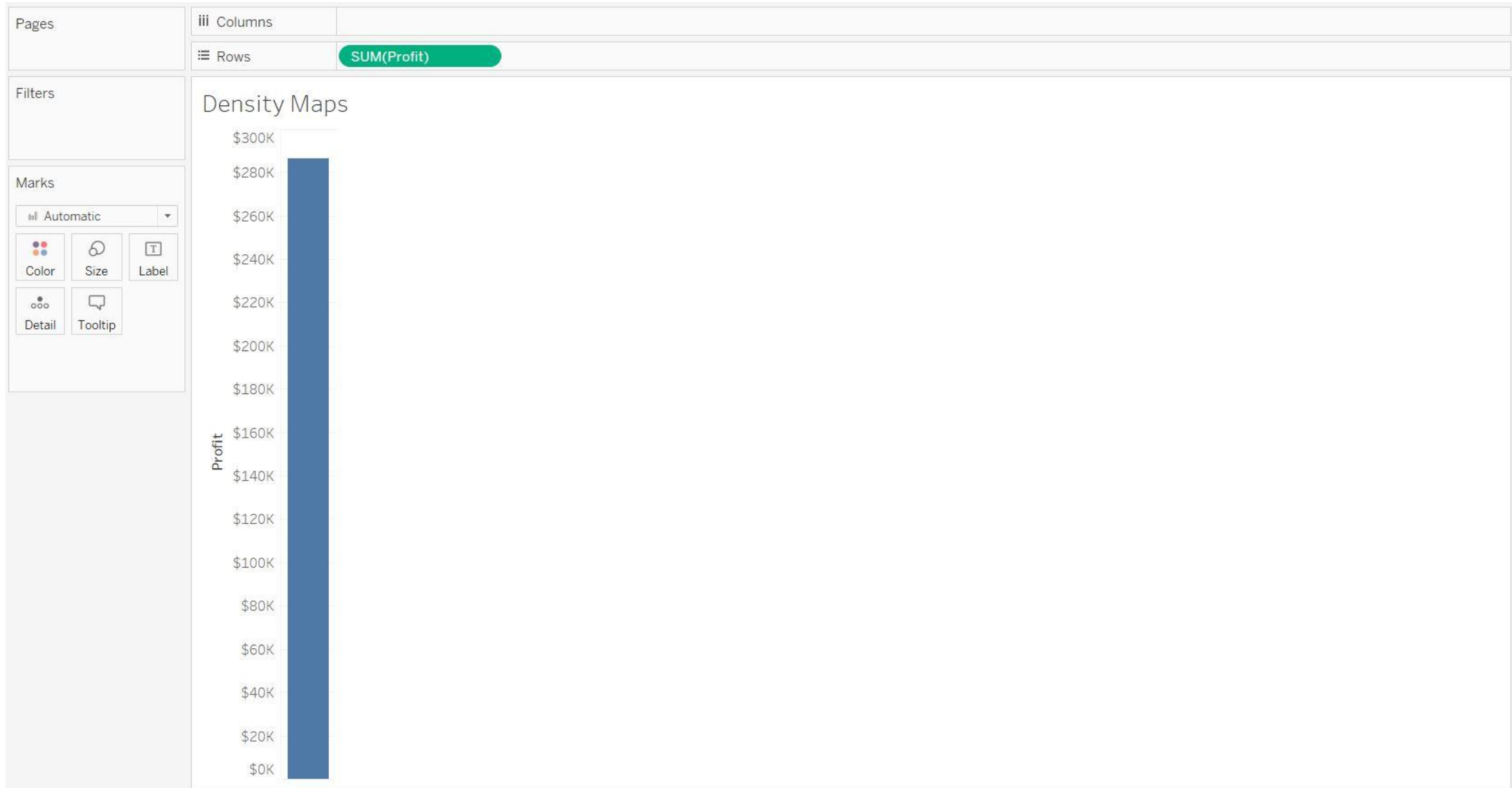
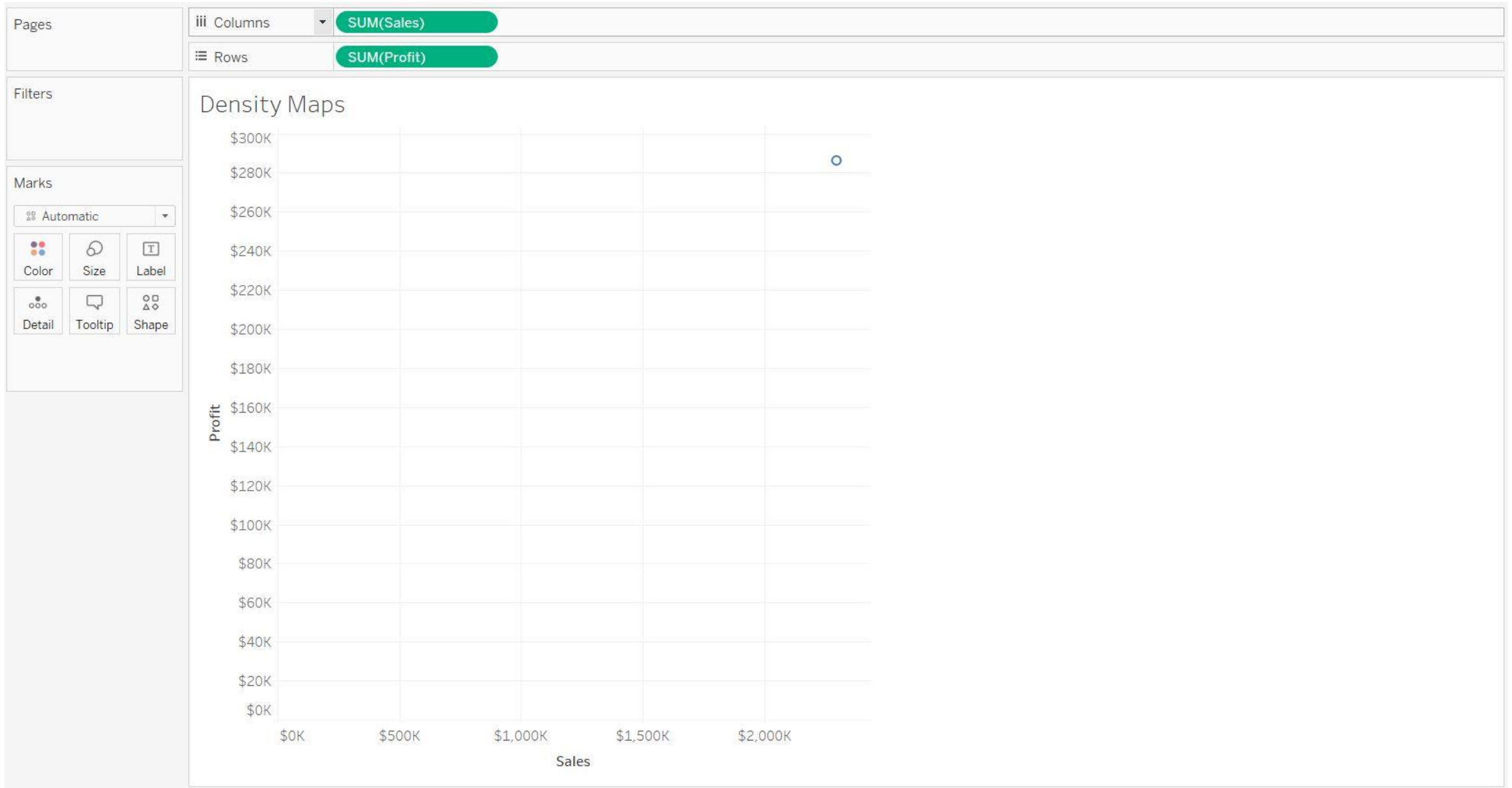


# STEPS FOR CREATING A DENSITY CHART

## STEP 1: Drag and drop the 1st Measure e.g.: **Profit** to the **Rows** Shelf

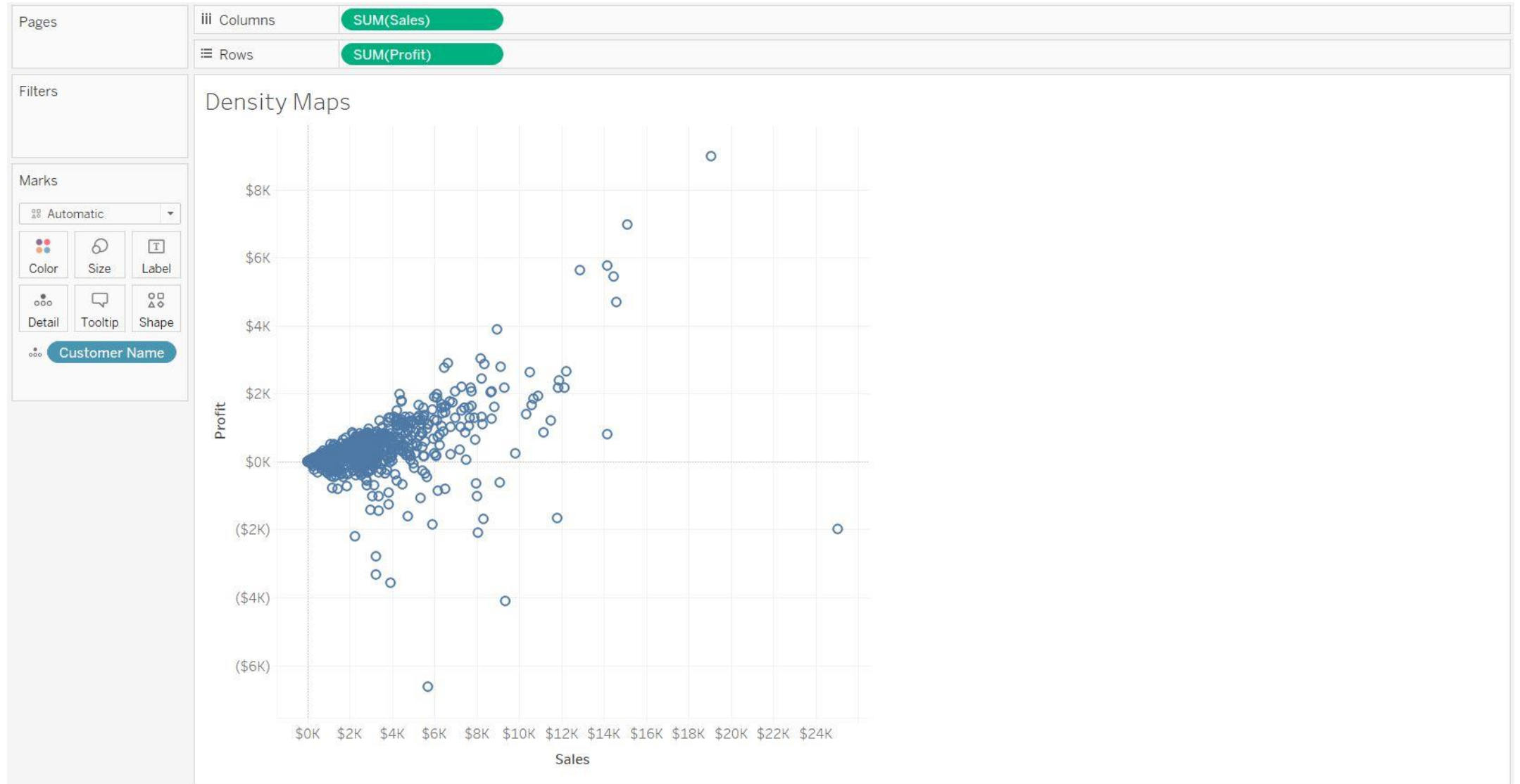


## STEP 2: Drag and drop the 2nd Measure e.g.: Sales to the Columns Shelf



**STEP 3:** Drag and drop any Dimension e.g.: **Customer Name** to the **Detail** on the **Marks** card

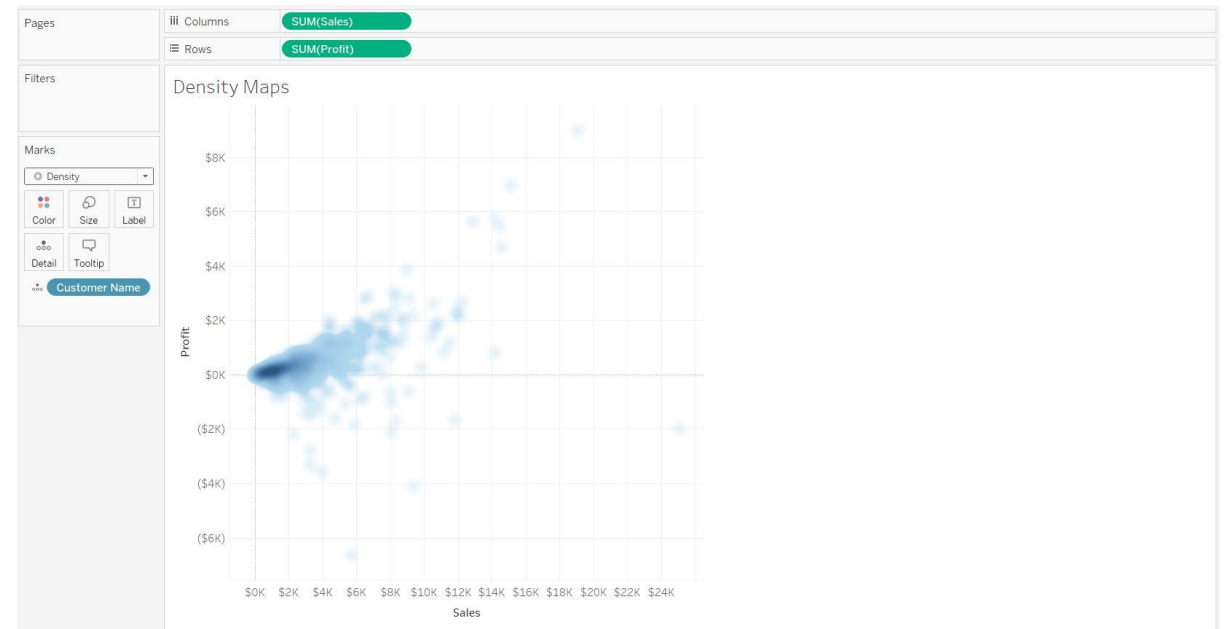
We've created a basic scatter plot, but there are lots of overlapping marks in the view and it's hard to see where the marks are most dense.



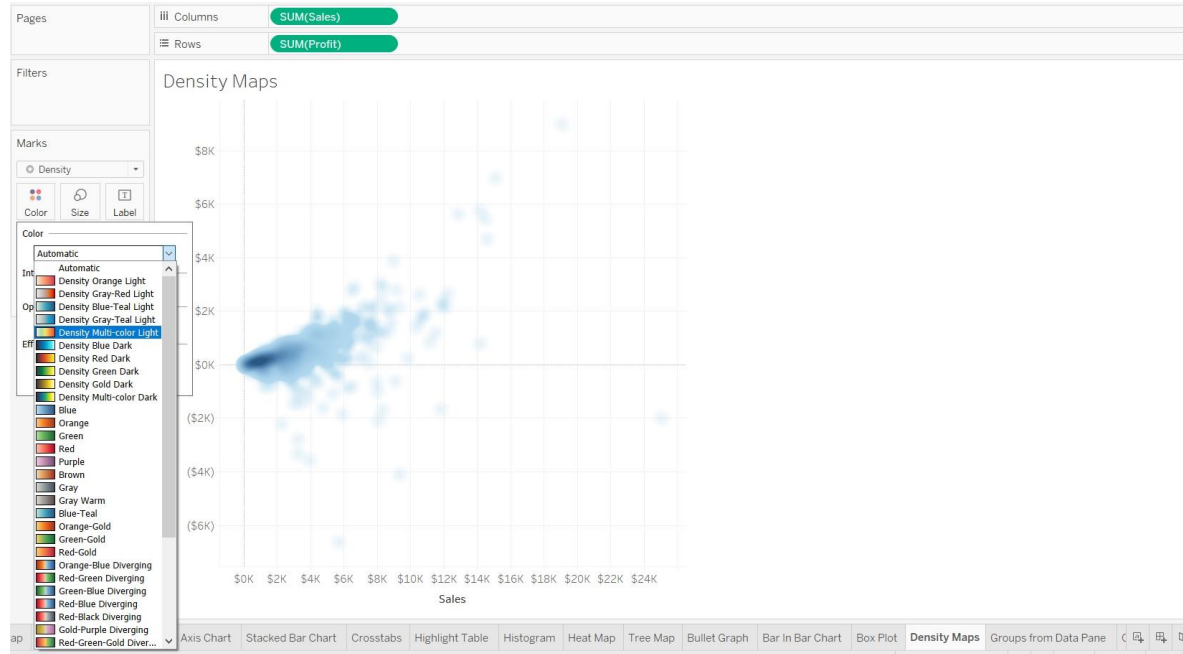
**STEP 4:** On the **Marks** card, select **Density** from the menu to change this scatter plot into a density chart.

Tableau created a density chart by overlaying marks, called **kernels**, and color-coding where those kernels overlap.

The more overlapping data points, the more intense the color is.

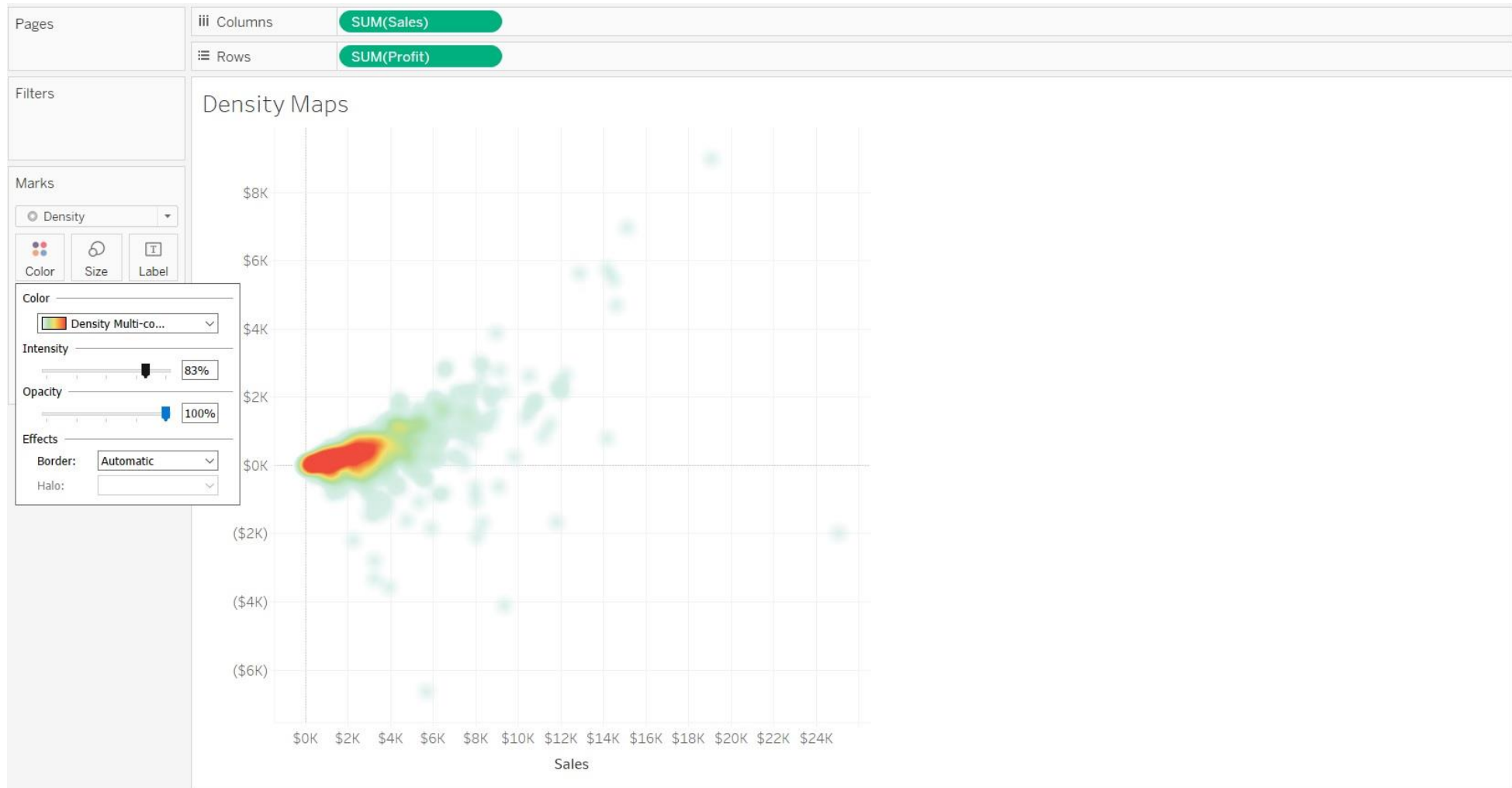


## STEP 5: Select **Color** from the **Marks** card and select **Density Multi-color Light** from the menu.



**STEP 6:** In the **Color** menu, use the **Intensity** slider to increase or decrease the vividness of the density marks.

For example, increasing intensity, or vividness, lowers the "max heat" spots in the data, so that more red spots appear.



## STEP 7: Now the **Density Chart** view is complete

More data concentrated areas will appear red, while areas without overlapping marks will appear green.

