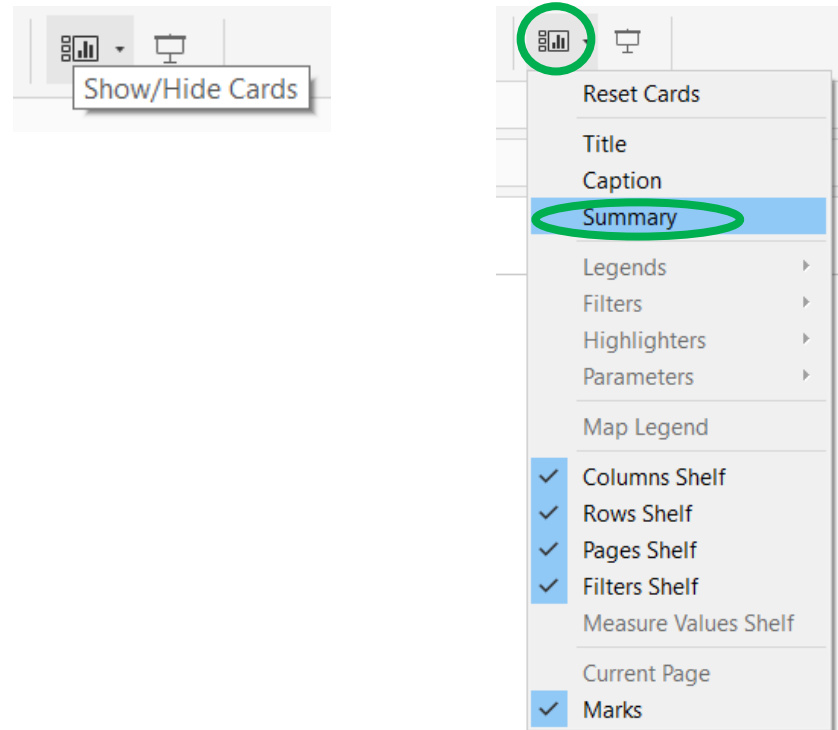# STATISTICAL SUMMARY CARD

The **Summary Card**, available on the **Show/Hide Cards** toolbar menu , provides a quick view of information about a selection or the entire data source.

When we select data in the view, the **Summary Card** updates to show the information only for the data within the selection
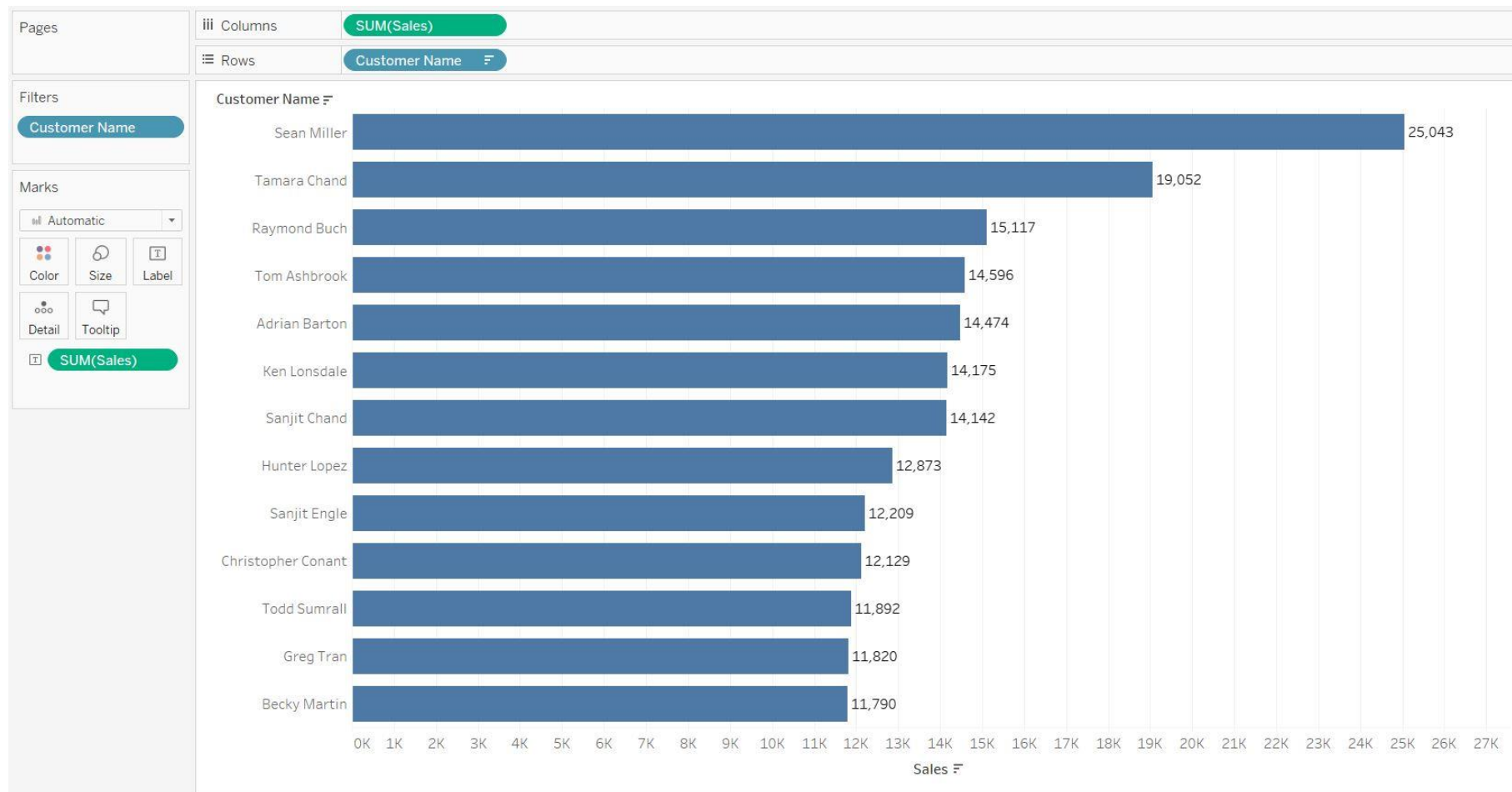
STATISTICAL SUMMARY CARD

Step 1: Let us assume that we have the below mentioned Bar chart visual
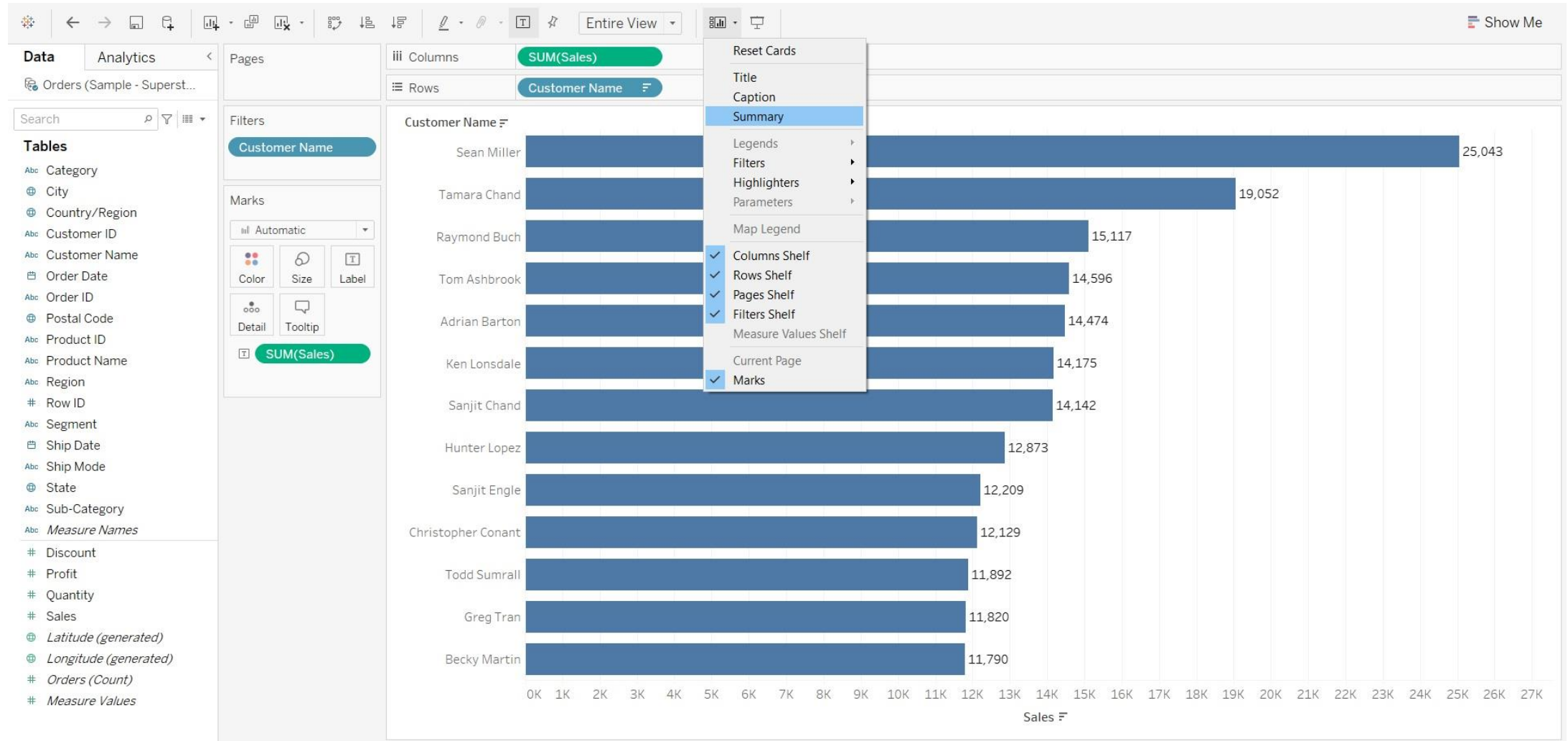**Rows Shelf:** Customer Name
Columns Shelf: Sales
Filters Shelf: Customer Name filtered for Top 13 Customer Names by Sales
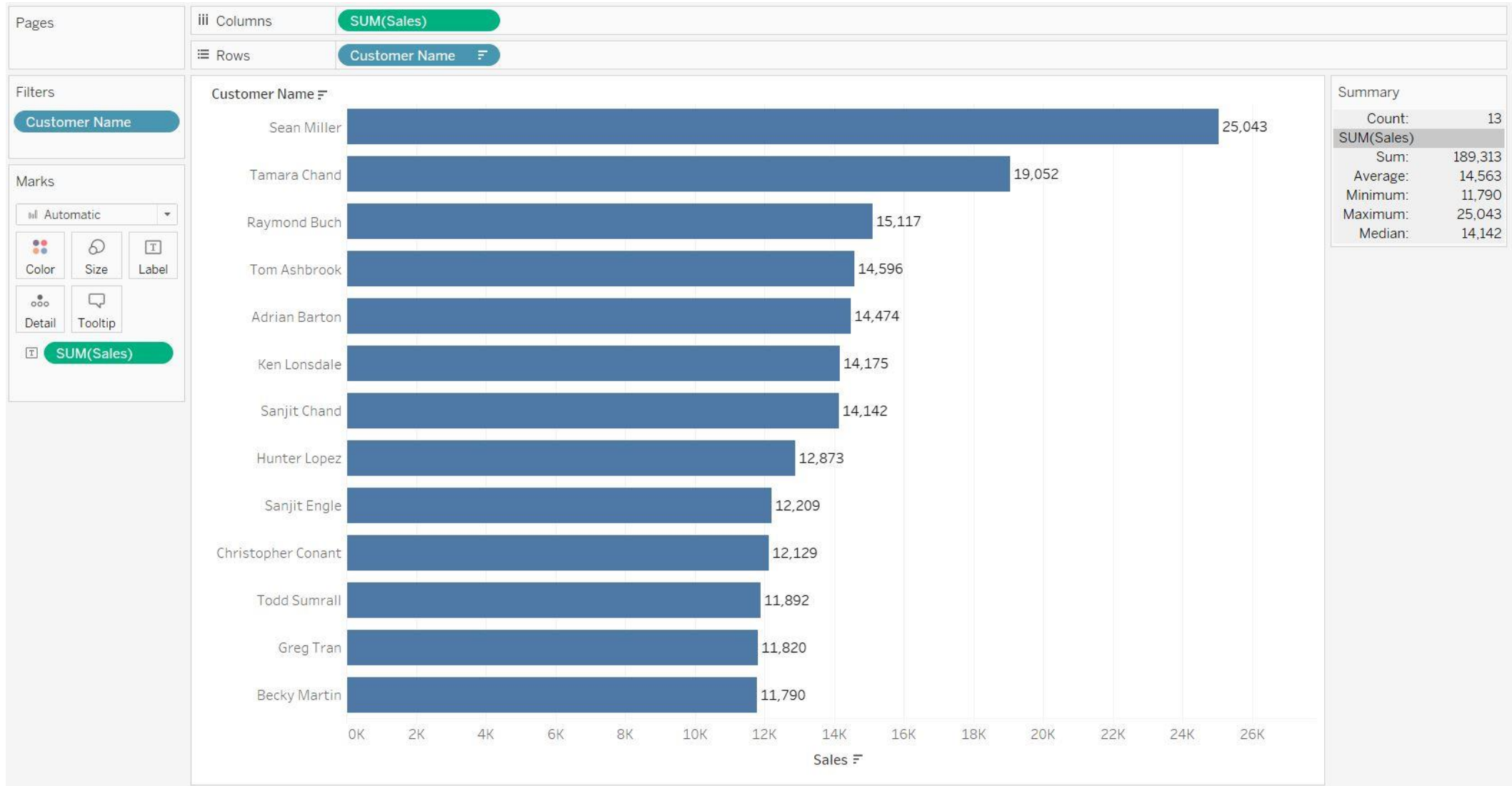
STATISTICAL SUMMARY CARD

Step 2: Click on **Show/Hide Cards** toolbar menu, Select **Summary**

STATISTICAL SUMMARY CARD

Step 3: The **Summary Card** is now visible on the right side of the view
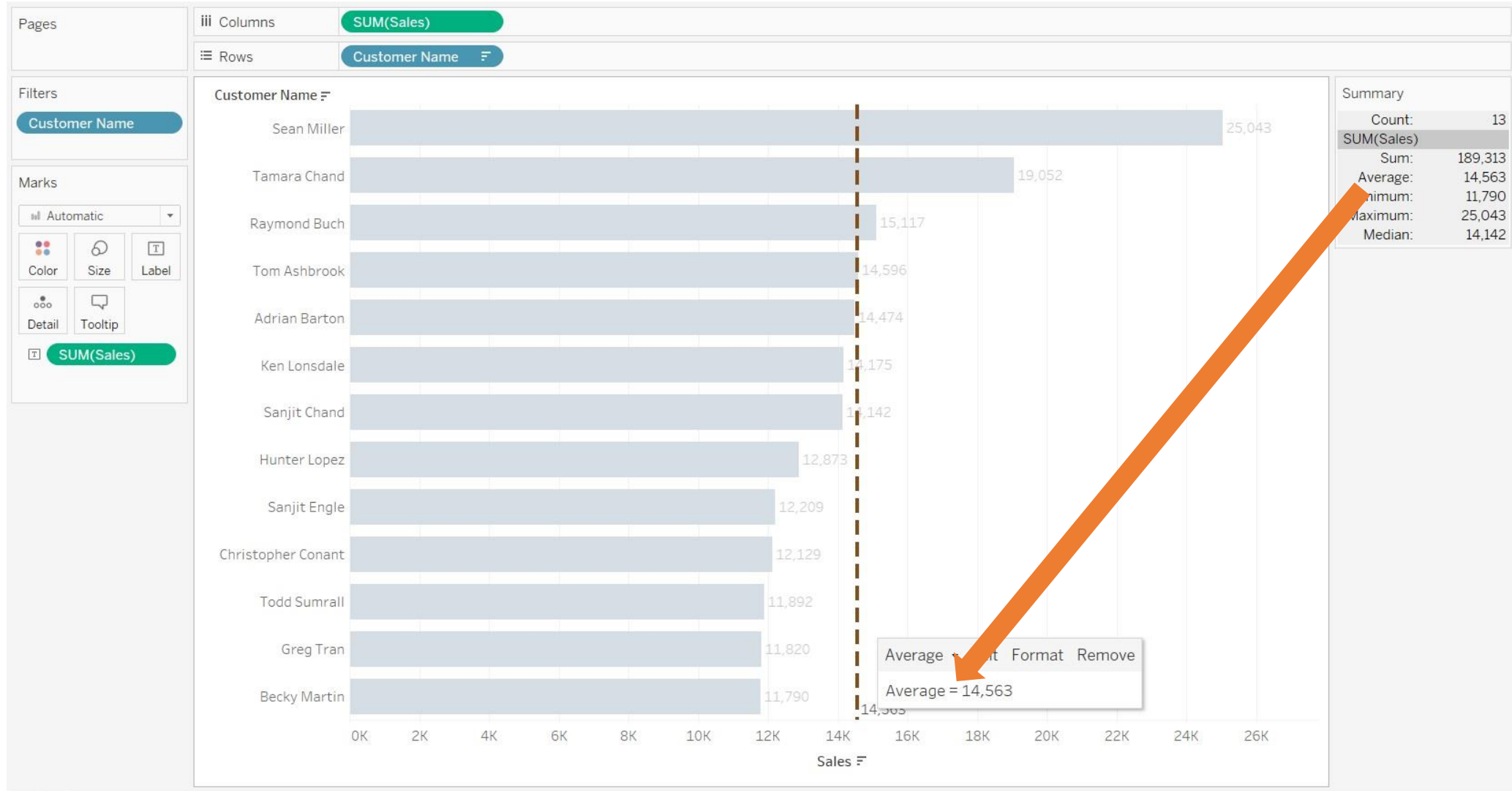
STATISTICAL SUMMARY CARD

Step 4: We can cross-check the values e.g: **Median** by adding Reference Line

Median is computed by sorting values from lowest to highest and then selecting the middle value

STATISTICAL SUMMARY CARD

Step 5: We can cross-check the values e.g: **Average** by adding Reference Line

Average is computed by summing all relevant values and then dividing by the total number of values
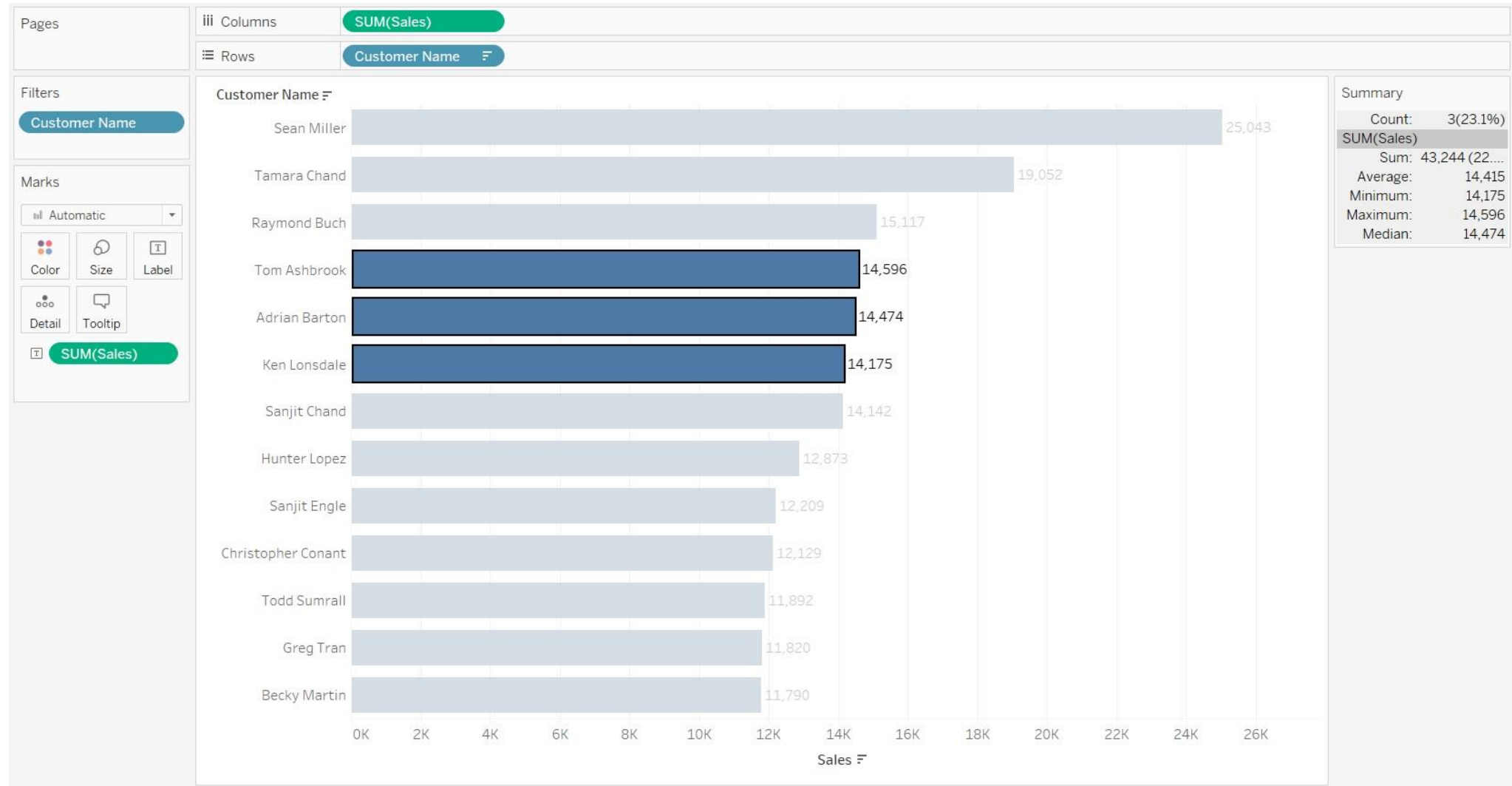
STATISTICAL SUMMARY CARD

Step 6: Select some marks from the view

STATISTICAL SUMMARY CARD

Step 7: Now the **Summary Card** updates to show the information only for the data within the selection

STATISTICAL SUMMARY CARD

Step 8: We can add another **measure** e.g: **Quantity** to the **Columns** shelf
The **Count** has now increased from 13 to 26
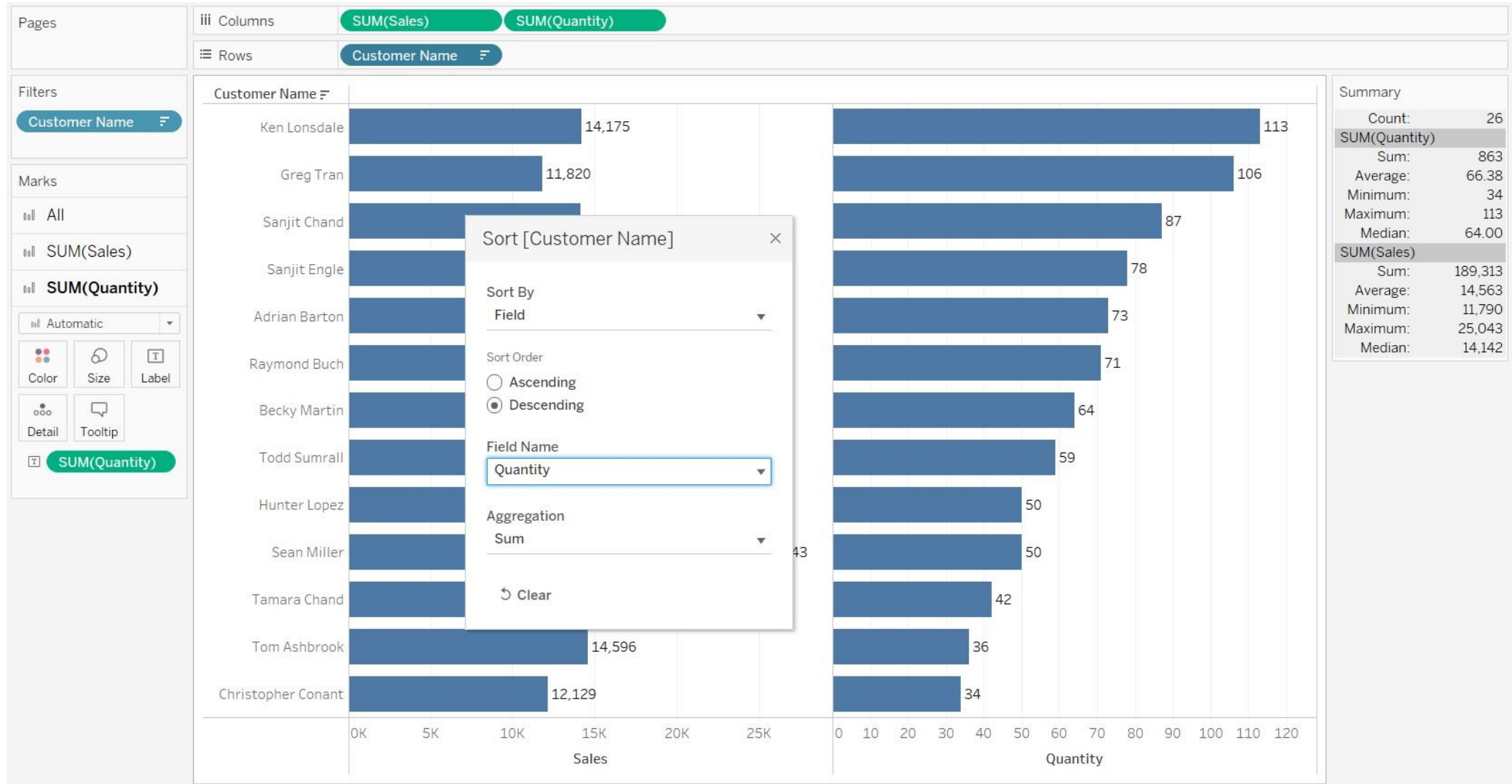There are 2 separate cards one for **Sales** and one for **Quantity**

STATISTICAL SUMMARY CARD

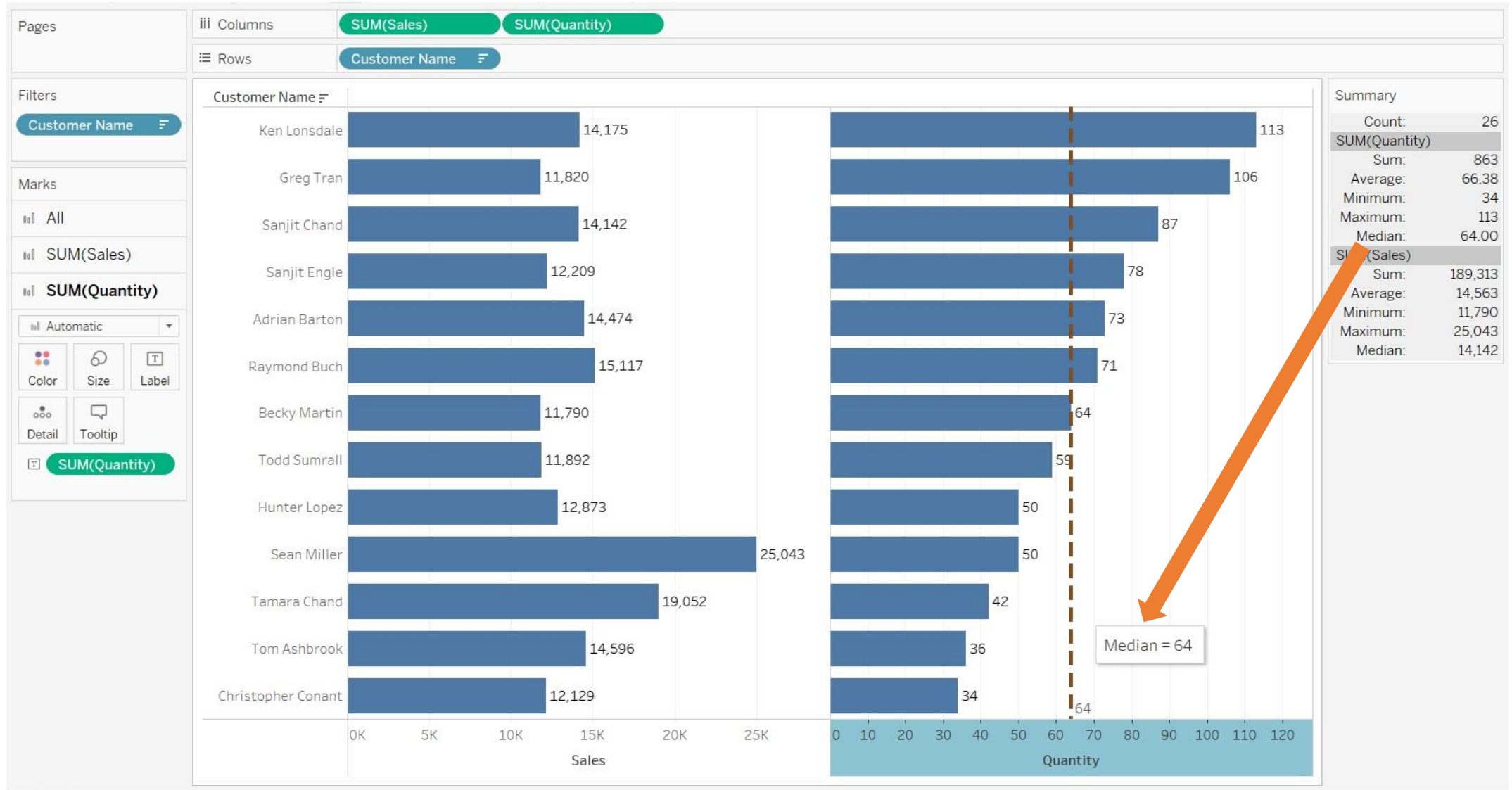**Step 9:** Add **Quantity** to the **Label** on **Marks** card of the second chart

STATISTICAL SUMMARY CARD

Step 10: Sort the **Customer Name** by **Quantity** in **Descending** Order
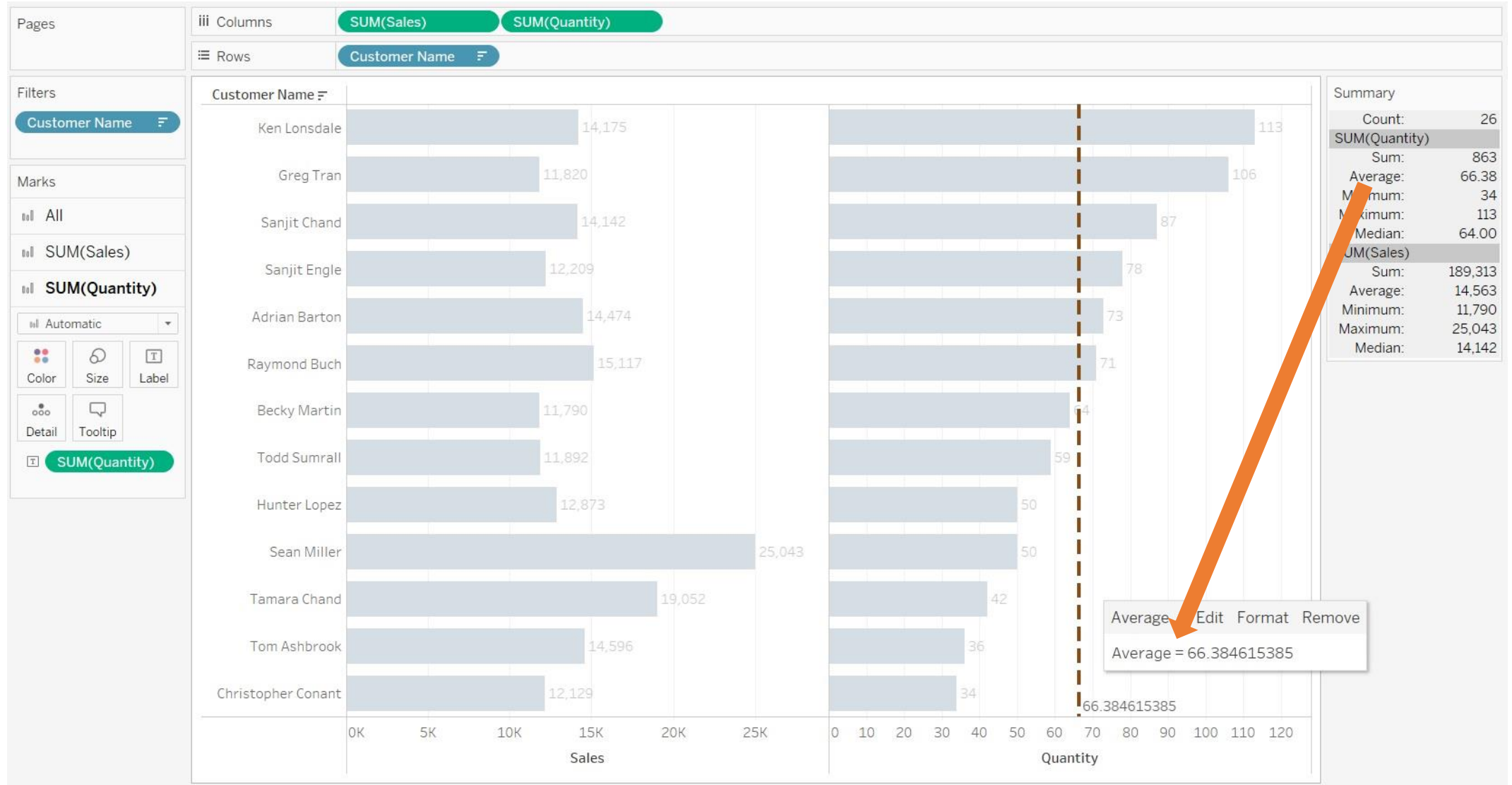
STATISTICAL SUMMARY CARD

Step 11: We can cross-check the values e.g: **Median** by adding Reference Line
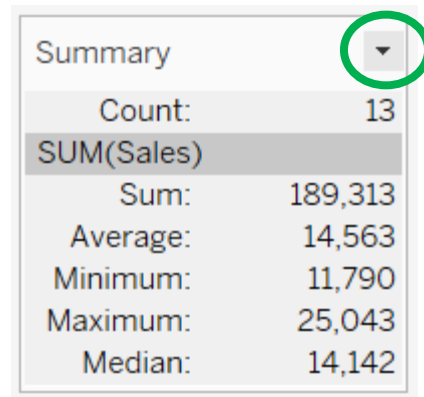
STATISTICAL SUMMARY CARD

Step 12: We can cross-check the values e.g: **Average** by adding Reference Line

STATISTICAL SUMMARY CARD

Step 13: By default, the **Summary Card** shows Sum, Average, Minimum, Maximum, and Median values for the data in the view
We can use the drop-down menu for the **Summary Card** to show additional statistics
e.g: Standard Deviation, First Quartile, Third Quartile, Skewness, Excess Kurtosis