SORTING STACKED BAR CHART

The reason for using **Stacked Bars** is that we can **compare the whole to part details** i.e., **totals and the composition that makes up that total**

The **real issue** with Stacked Bars is that **we cannot compare the segments especially the stacked segment that are away from the common baseline**

Assume that we have a Stacked Bar as follows
Rows: Sub-Category
Columns: Sales
Color: Segment

We have the below mentioned requirements
Requirement#1: Arrange the Segments in such a way that the selected Segment goes to the baseline i.e., first position
Requirement#2: Sort the length of bars of that Segment in descending order

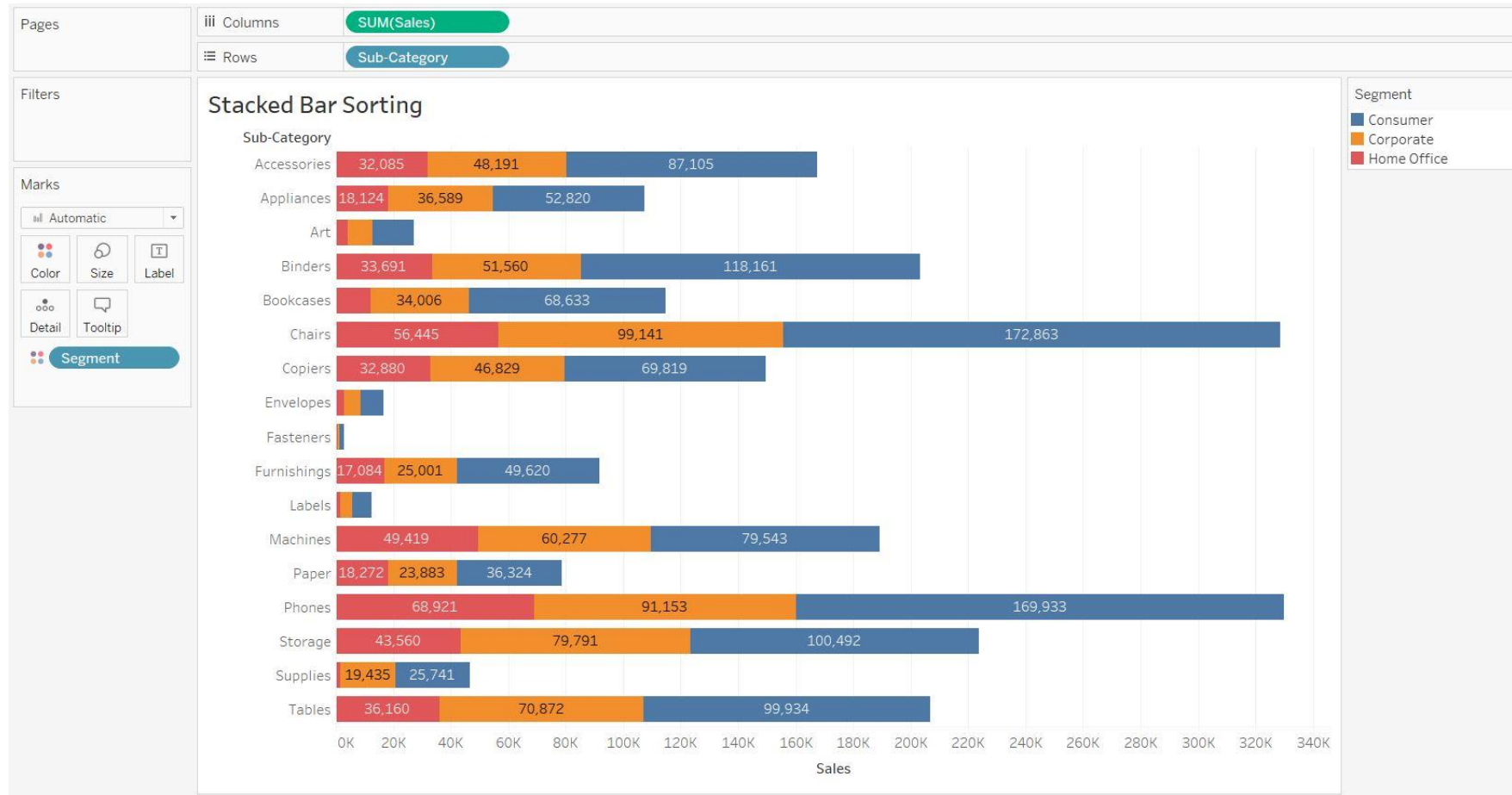We can make use of Parameters to achieve these requirements

STEPS TO SORT STACKED BARS

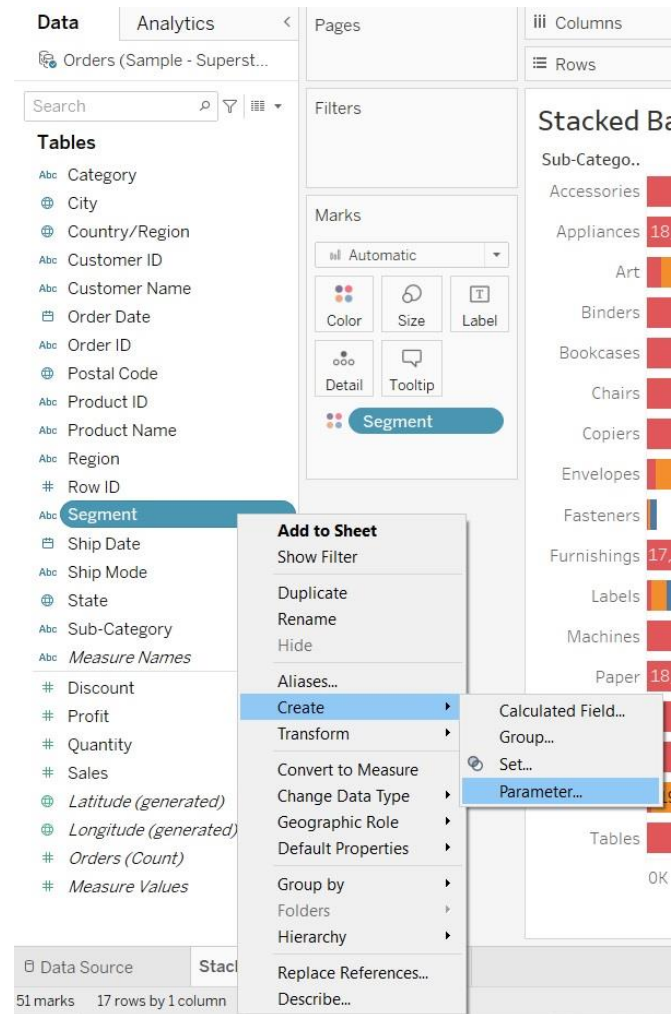**Step 1:** Assume that we have a Viz with the below mentioned configuration
Rows: Sub-Category
Columns: Sales
Color: Segment

STEPS TO SORT STACKED BARS

Step 2: Right-click the Segment **Create > Parameter**

STEPS TO SORT STACKED BARS
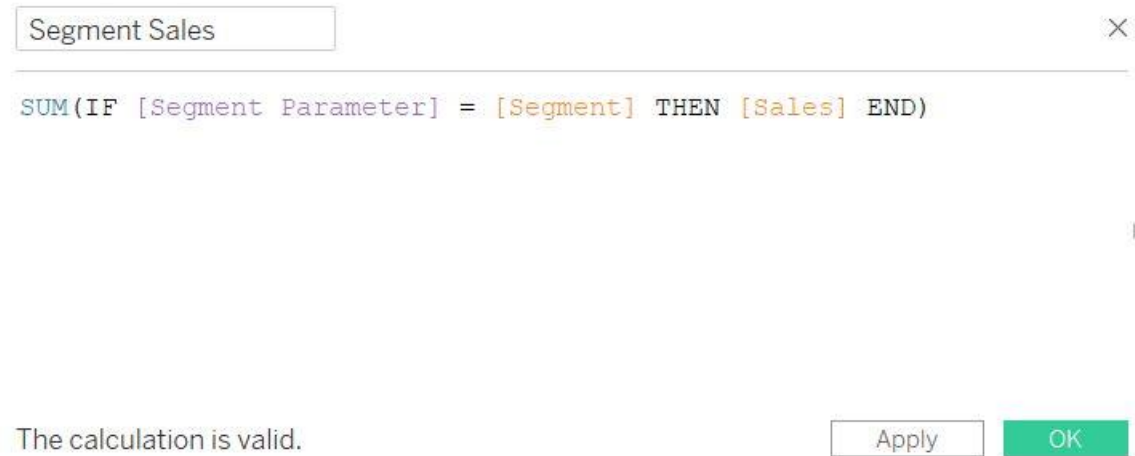
Step 3: Click OK

STEPS TO SORT STACKED BARS

Step 4: Create Calculated Field
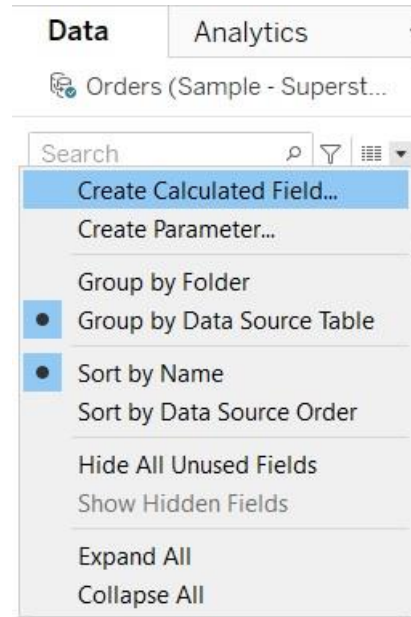
STEPS TO SORT STACKED BARS

Step 5: Enter the details as shown in the below Figure

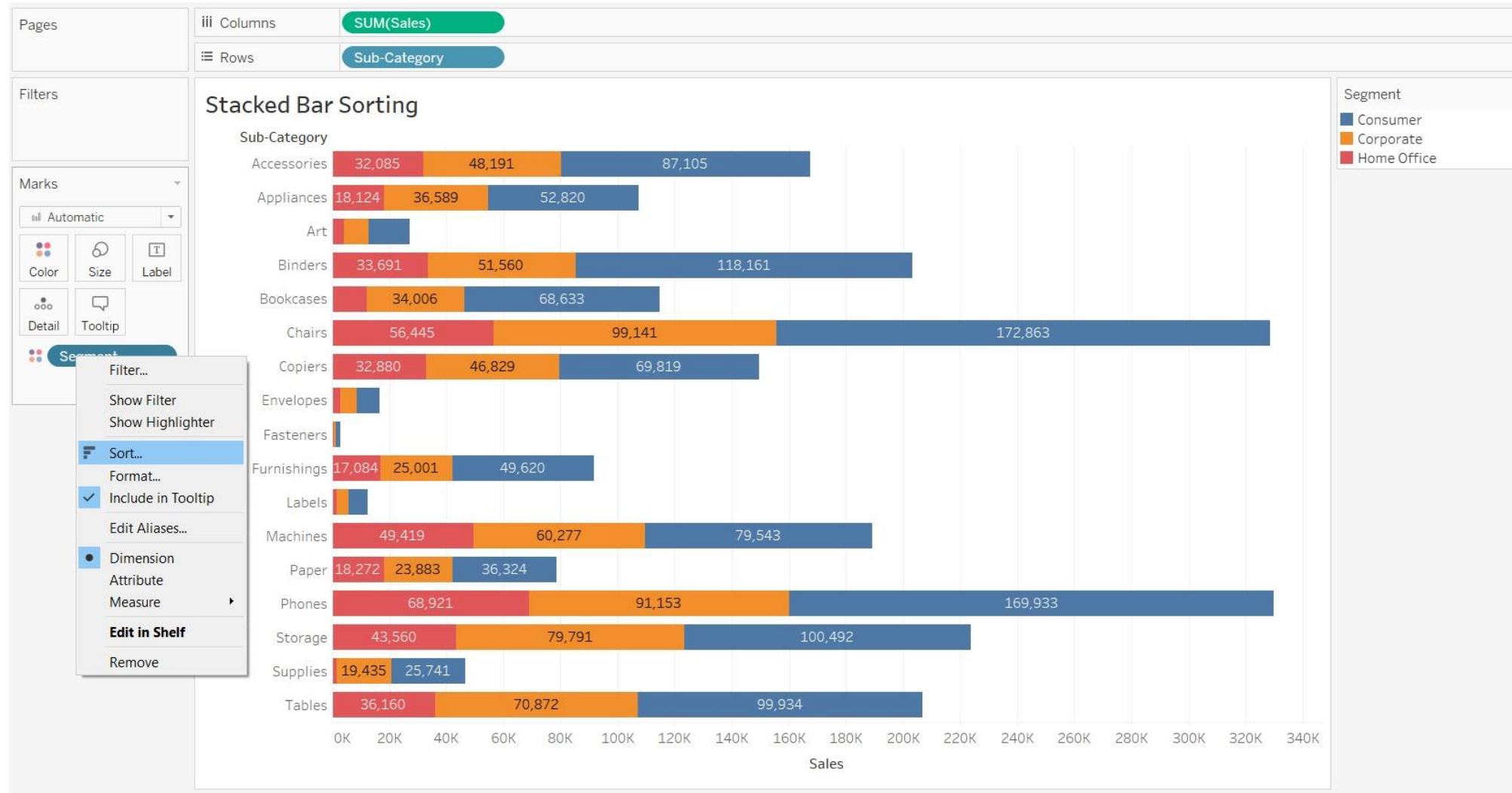Segment Sales   ✕

SUM(IF [Segment Parameter] = [Segment] THEN [Sales] END)

▶

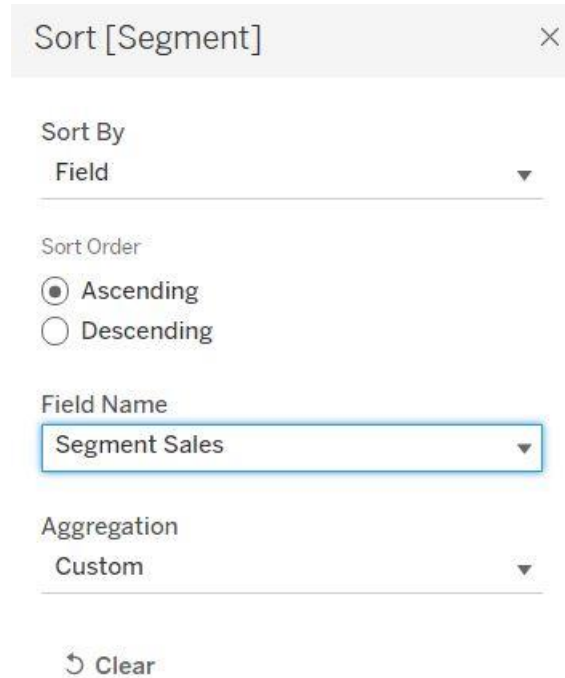The calculation is valid.   Apply   OK

STEPS TO SORT STACKED BARS

Step 6: Right-click the Segment Sort

STEPS TO SORT STACKED BARS

Step 7: Select the sort details as shown in the below Figure

Sort By: Field

Sort Order: Ascending

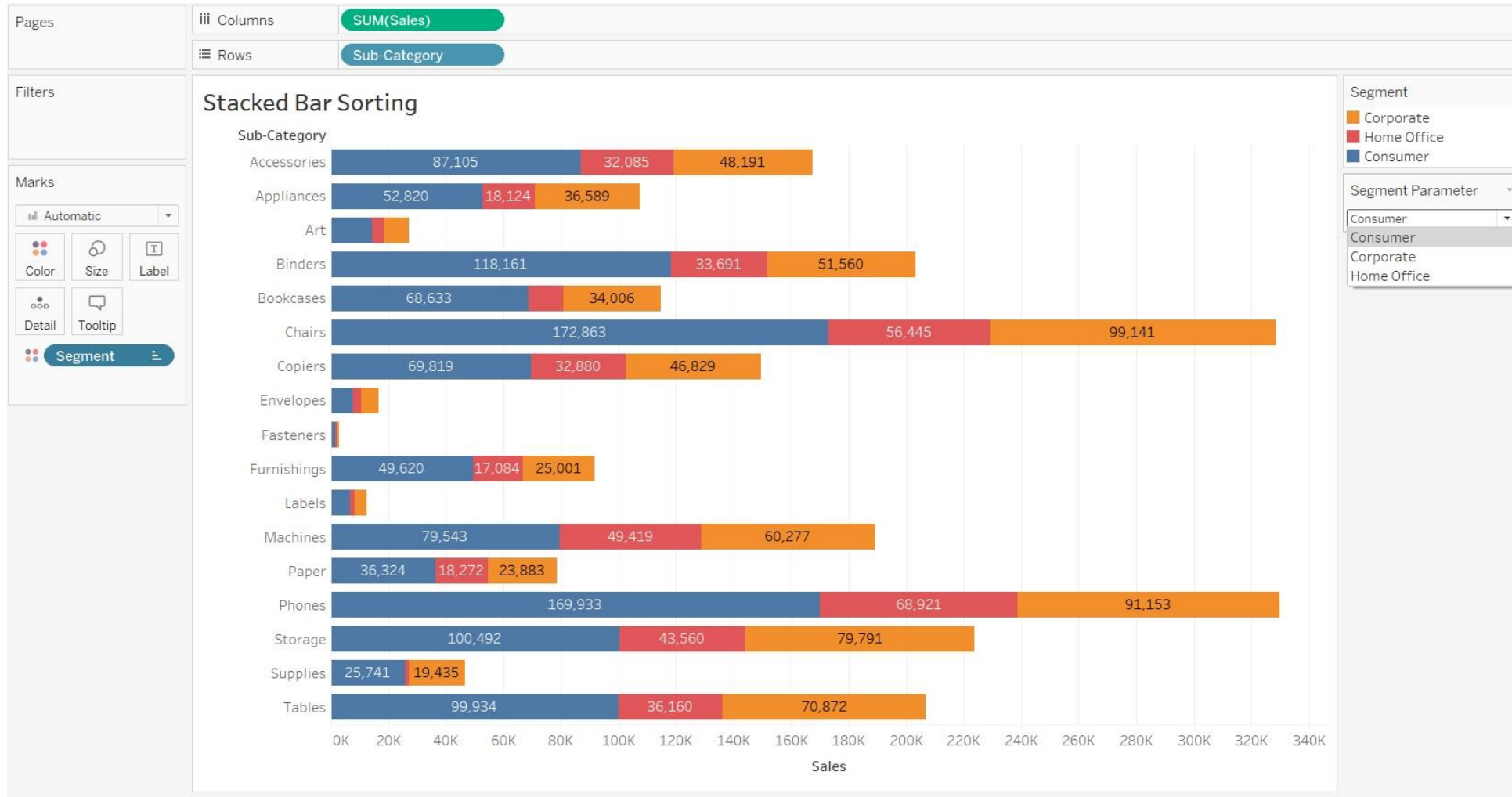**Field Name:** Created Calculated Field i.e., Segment Sales

STEPS TO SORT STACKED BARS

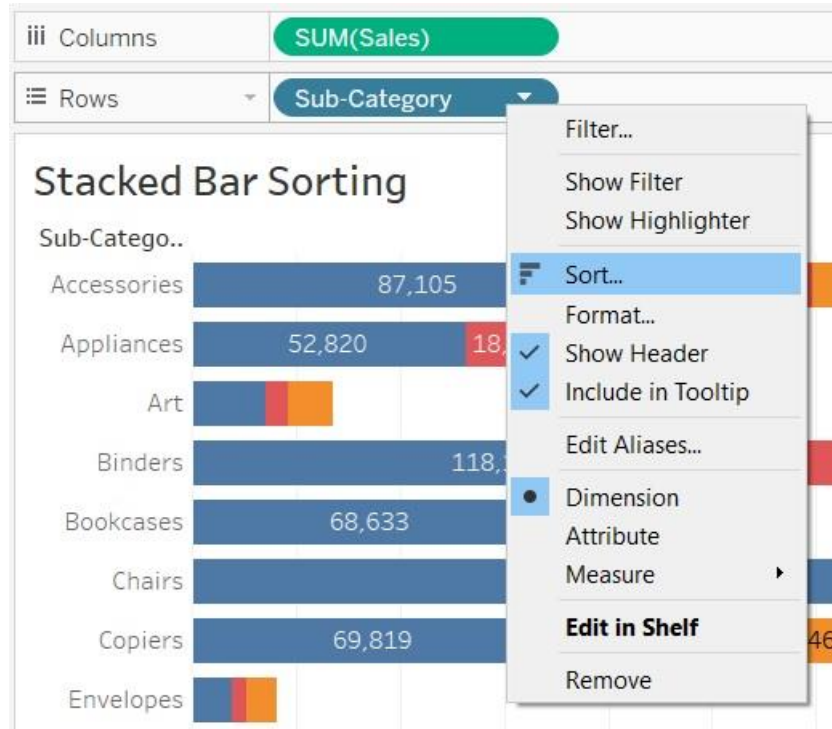**Step 8:** Right-click **Segment**, **Show Parameter**

STEPS TO SORT STACKED BARS

Step 9: Check if the selected segment comes to the first position

STEPS TO SORT STACKED BARS

Step 10: Right-click **Sub-Category** in the **Rows shelf** and select **Sort**

STEPS TO SORT STACKED BARS

Step 11: Select the sort details as shown in the below Figure

Sort By: Field

Sort Order: Descending

Field Name: Created Calculated Field i.e., Segment Sales

STEPS TO SORT STACKED BARS

Step 12: Check if the Viz correctly updates for all values of the Segment Parameter