Tableau Assignment

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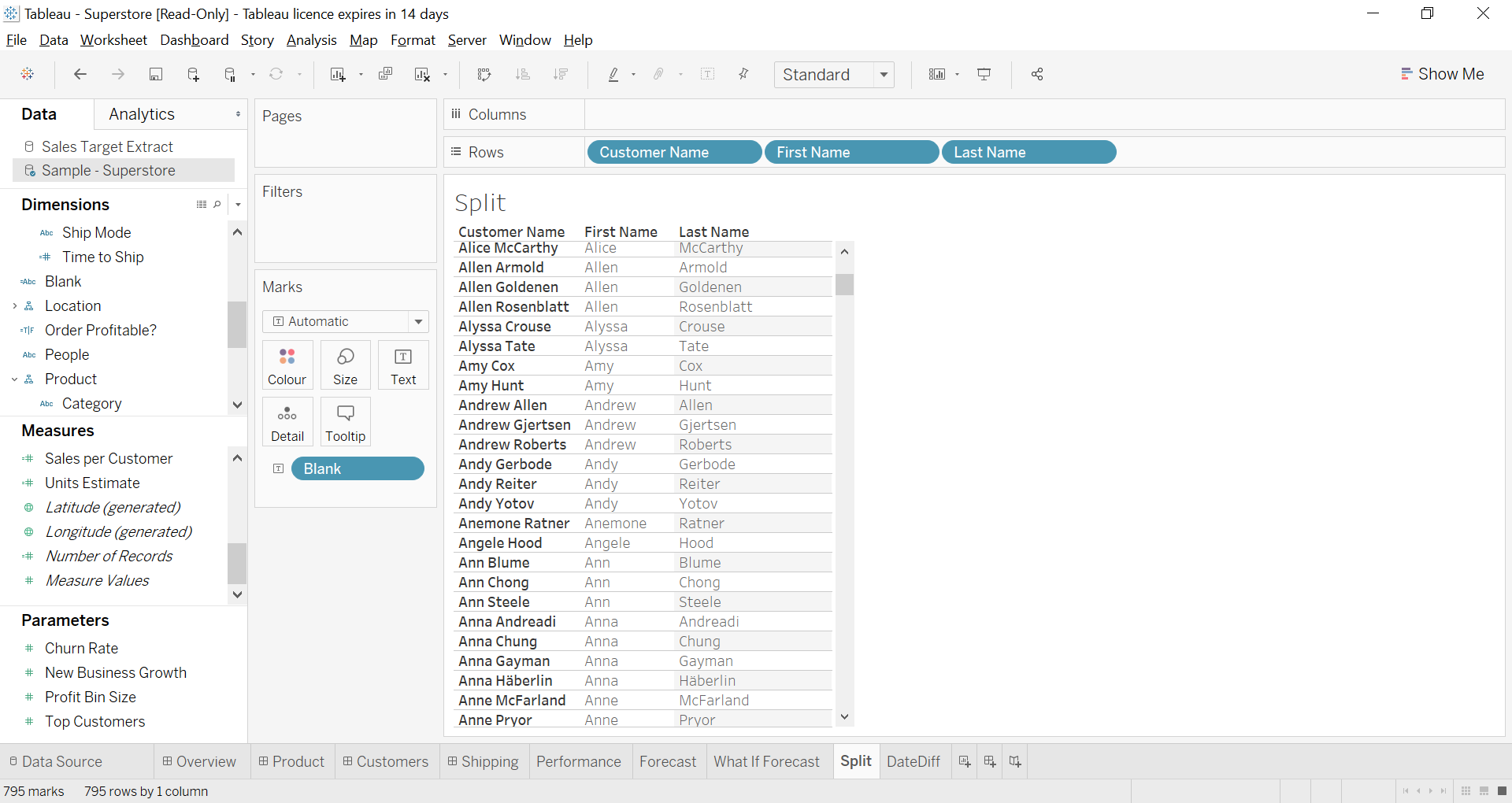
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**Note: Use sample superstore subset datasource that comes by default with Tableau installation to complete below exercises.**

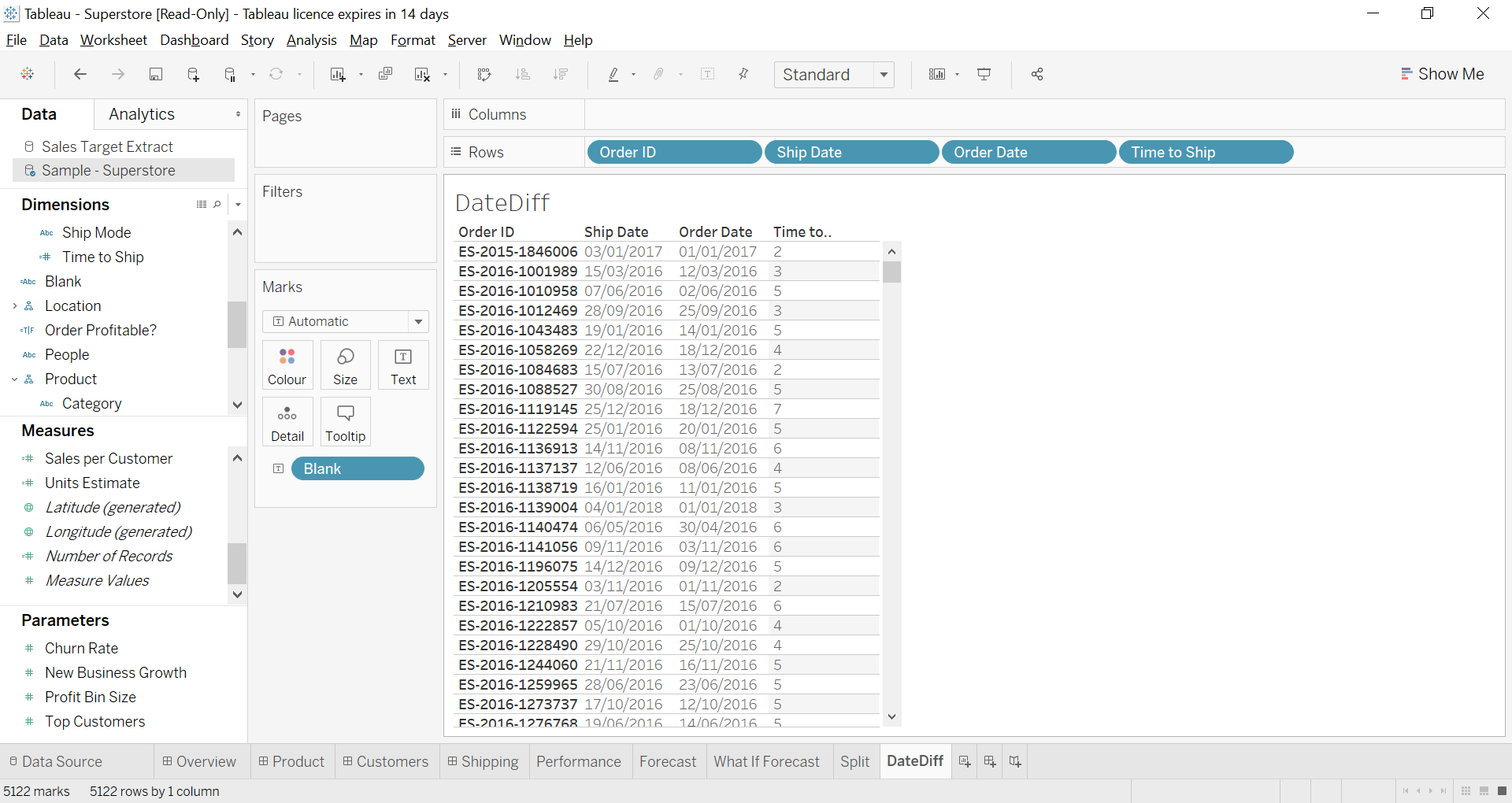
# Chapter 1. Calculations and Statistics

Q1. Create a calculated Field to Separate Customer name into First Name and Last Name.

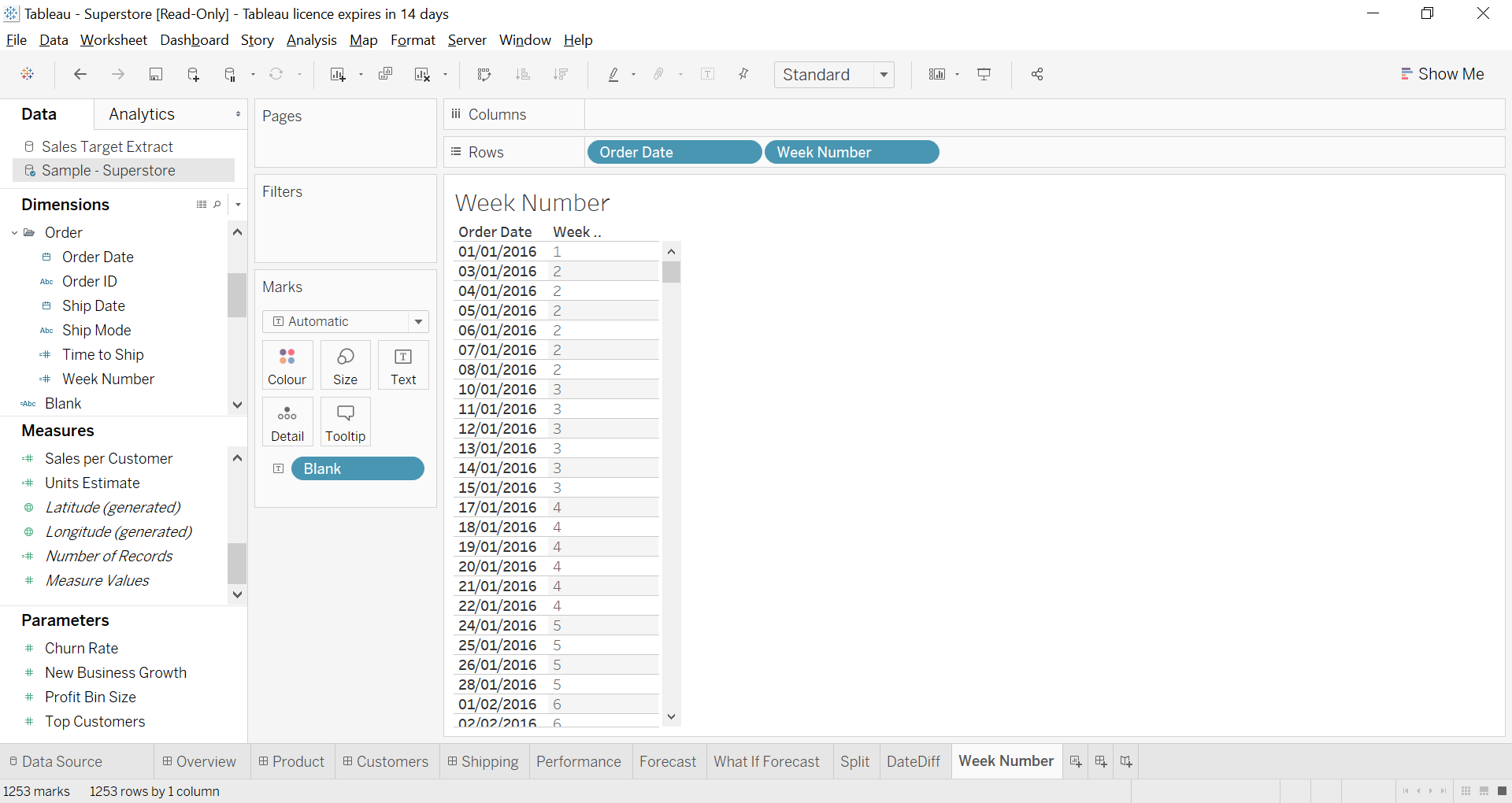
Hint: Use Split Function in tableau.



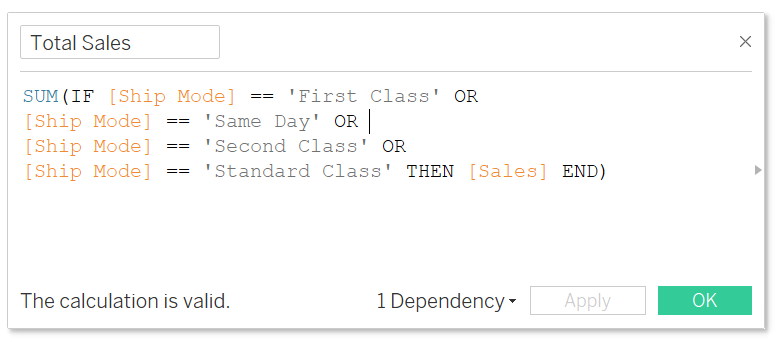
Q2 .Create a calculated field to compute gap between Order Date and Ship Date.

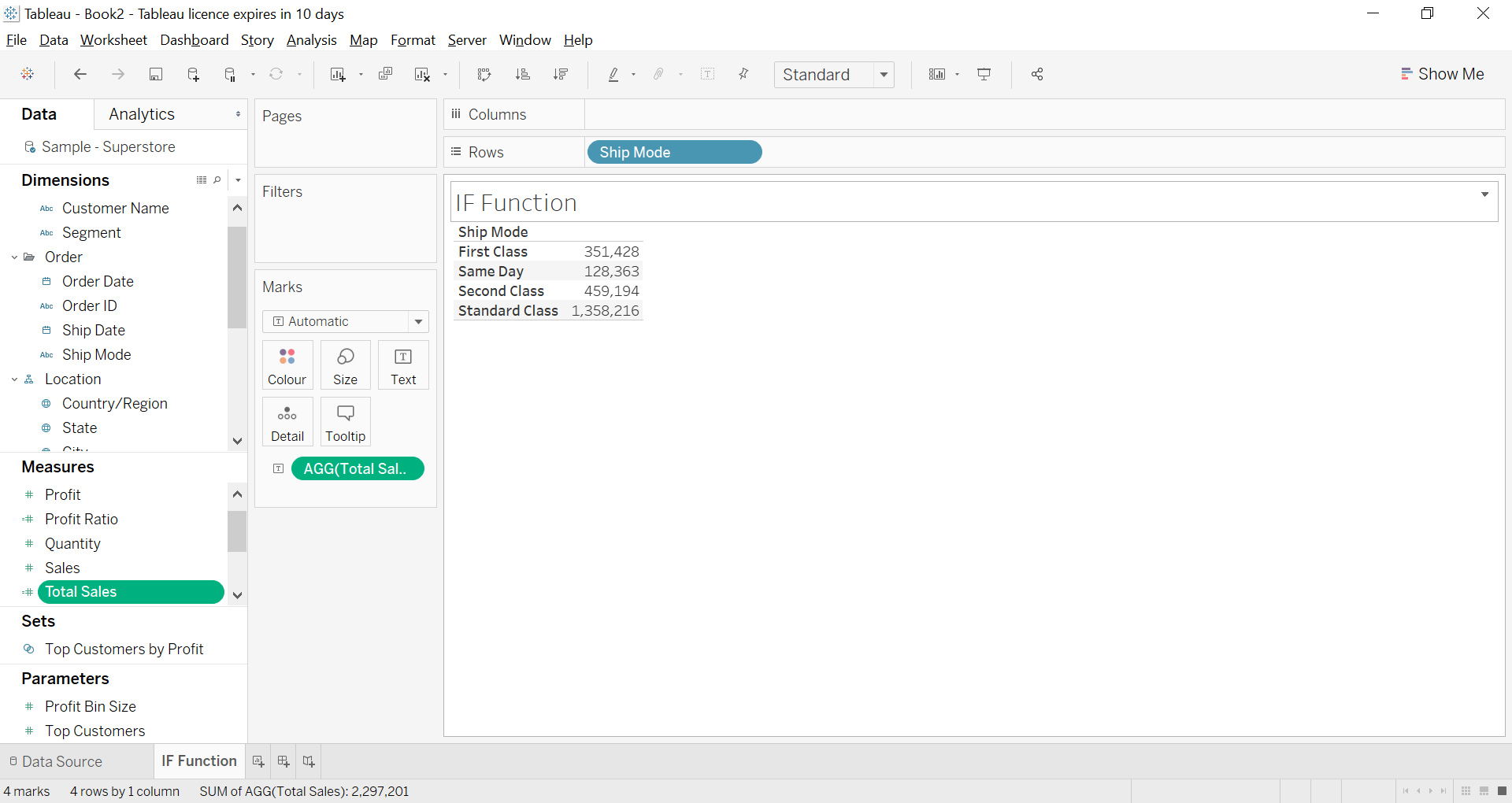


Q3. Create a calculated field to return a week number from Order date.

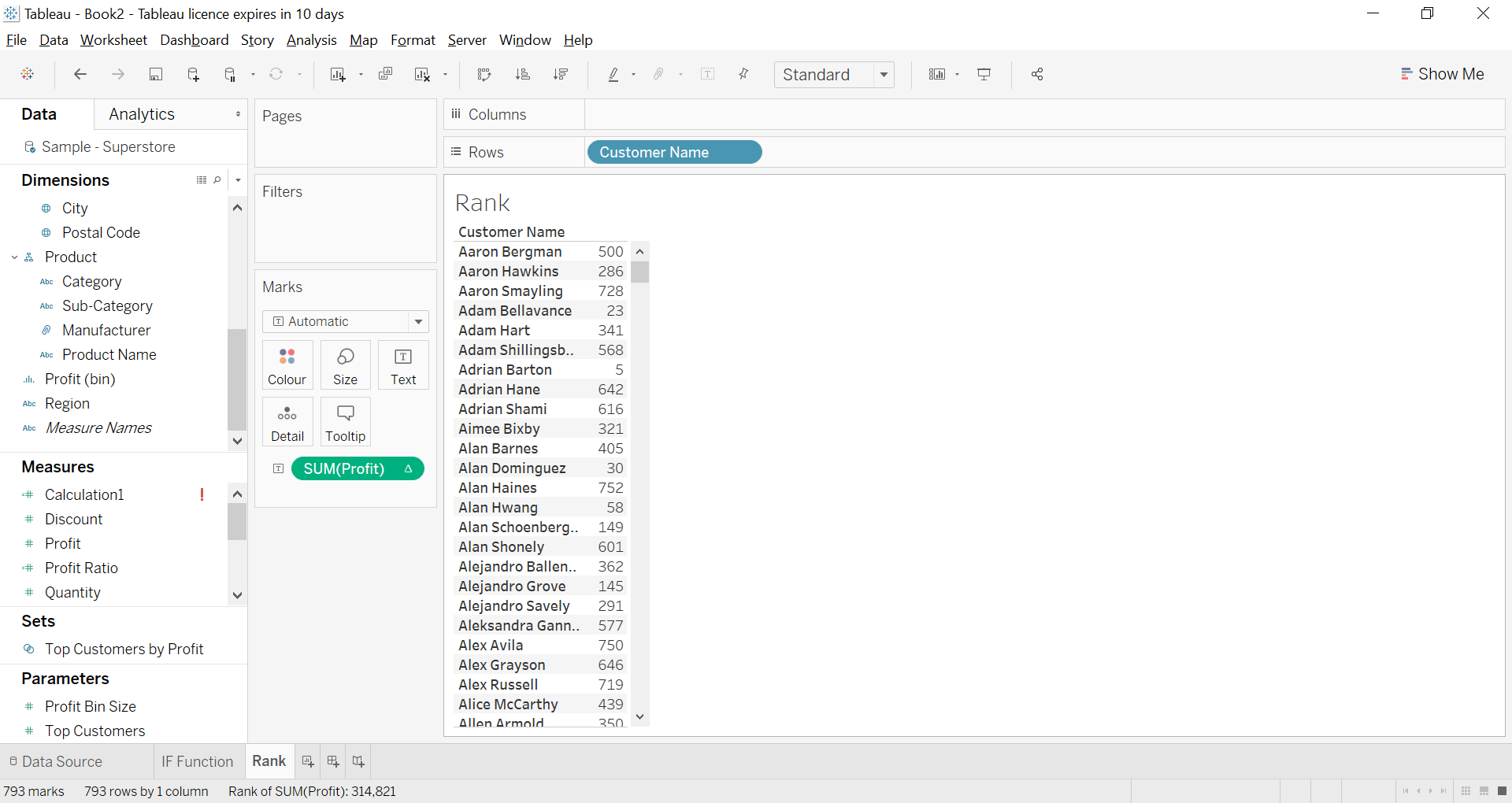


Q4. Create a calculated field to return sales based on different values of ship mode. Hint: Use IF ELSE or CASE function.



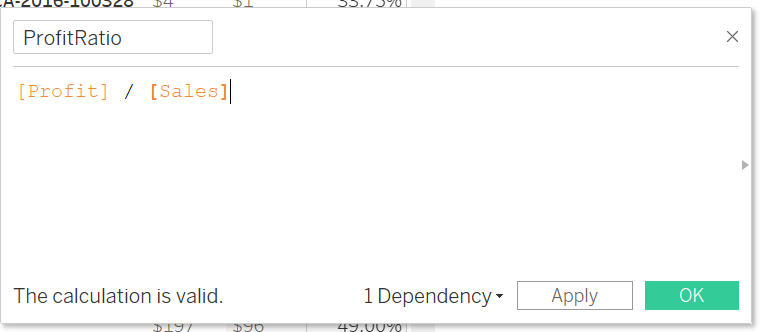


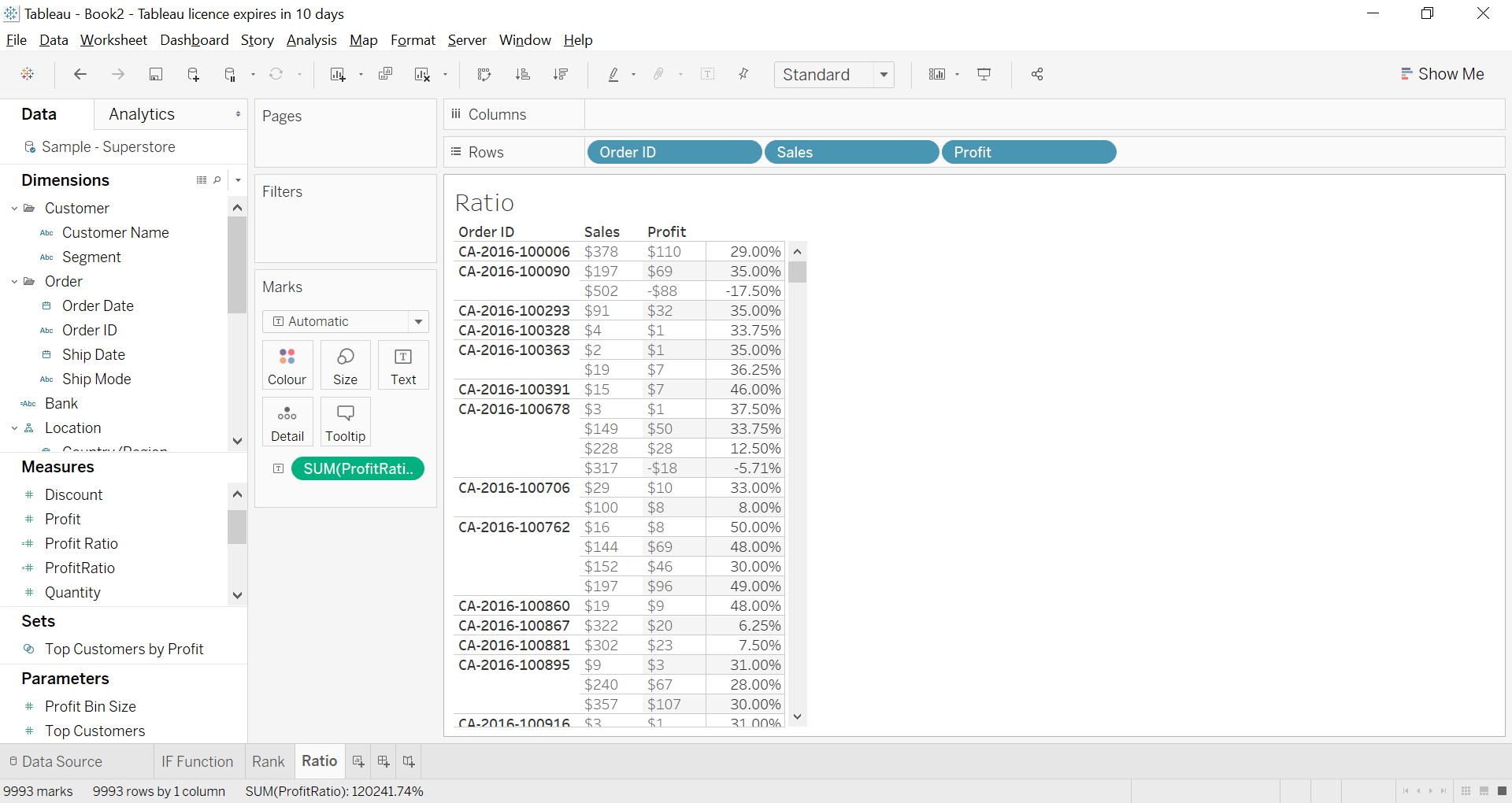
Q5. Use a quick table calculation to show the rank of each customer based on profit.



Q6. Create a Calculated field to show Profit Ratio in percentage.

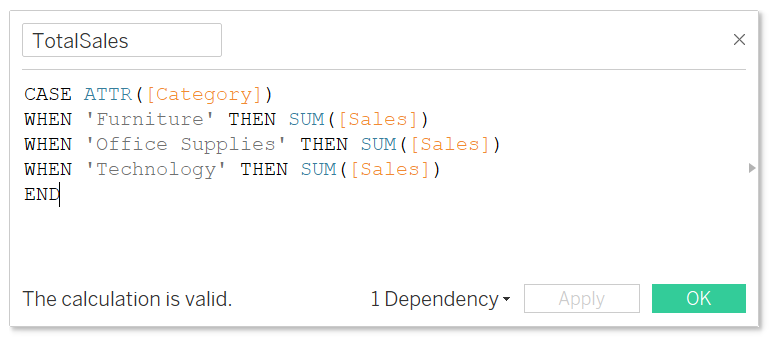
(Hint: Profit ratio is Net profit divided by Net Sales.)

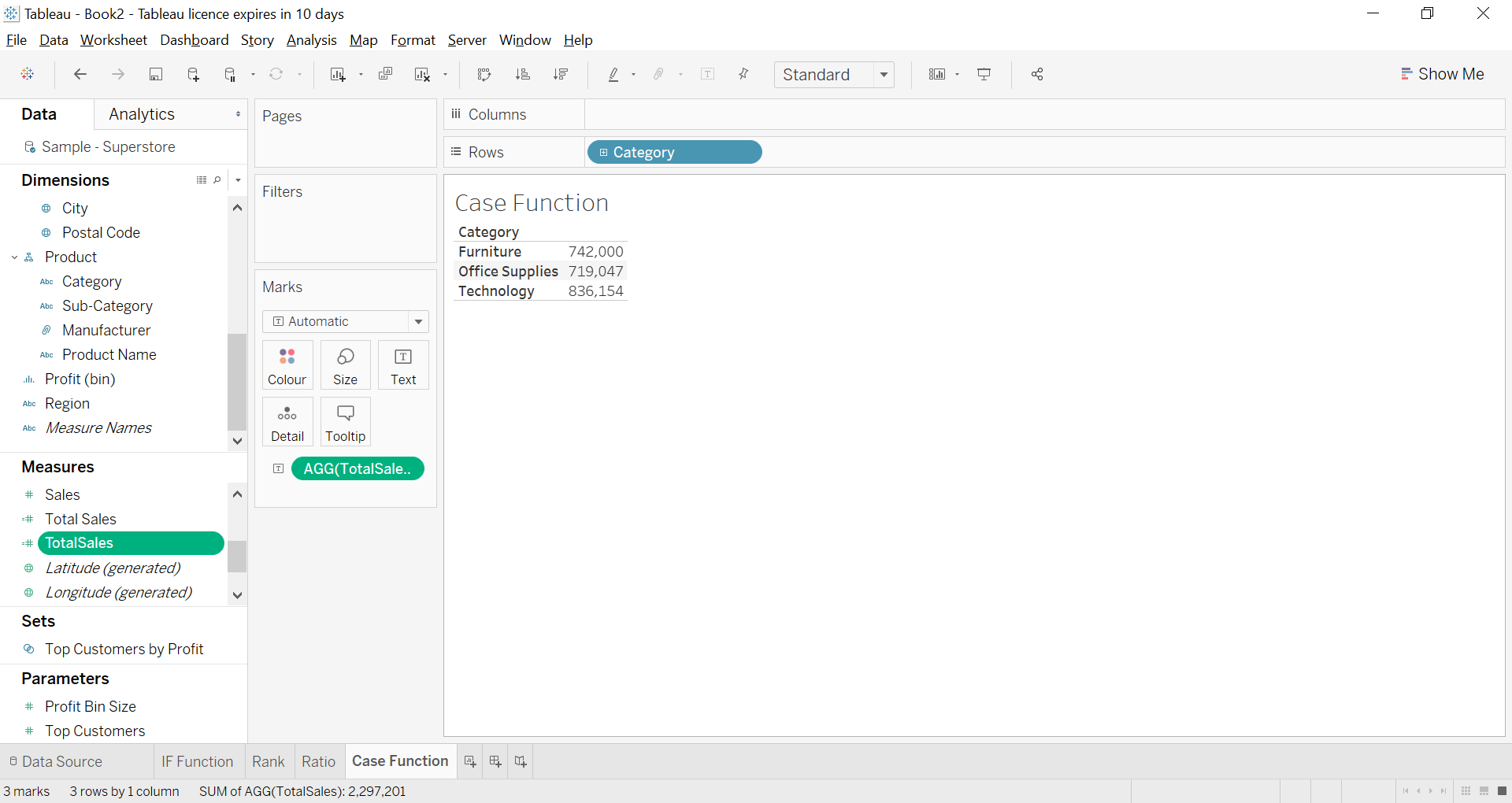




Q7. Create a calculated field to return sales based on different values of Category.

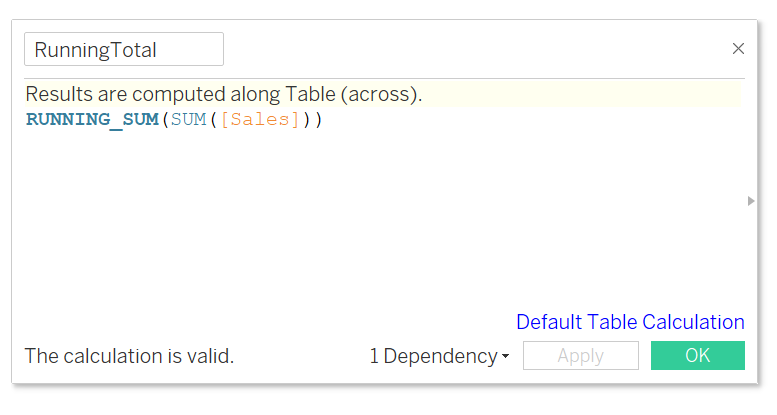
Hint: Use CASE function.

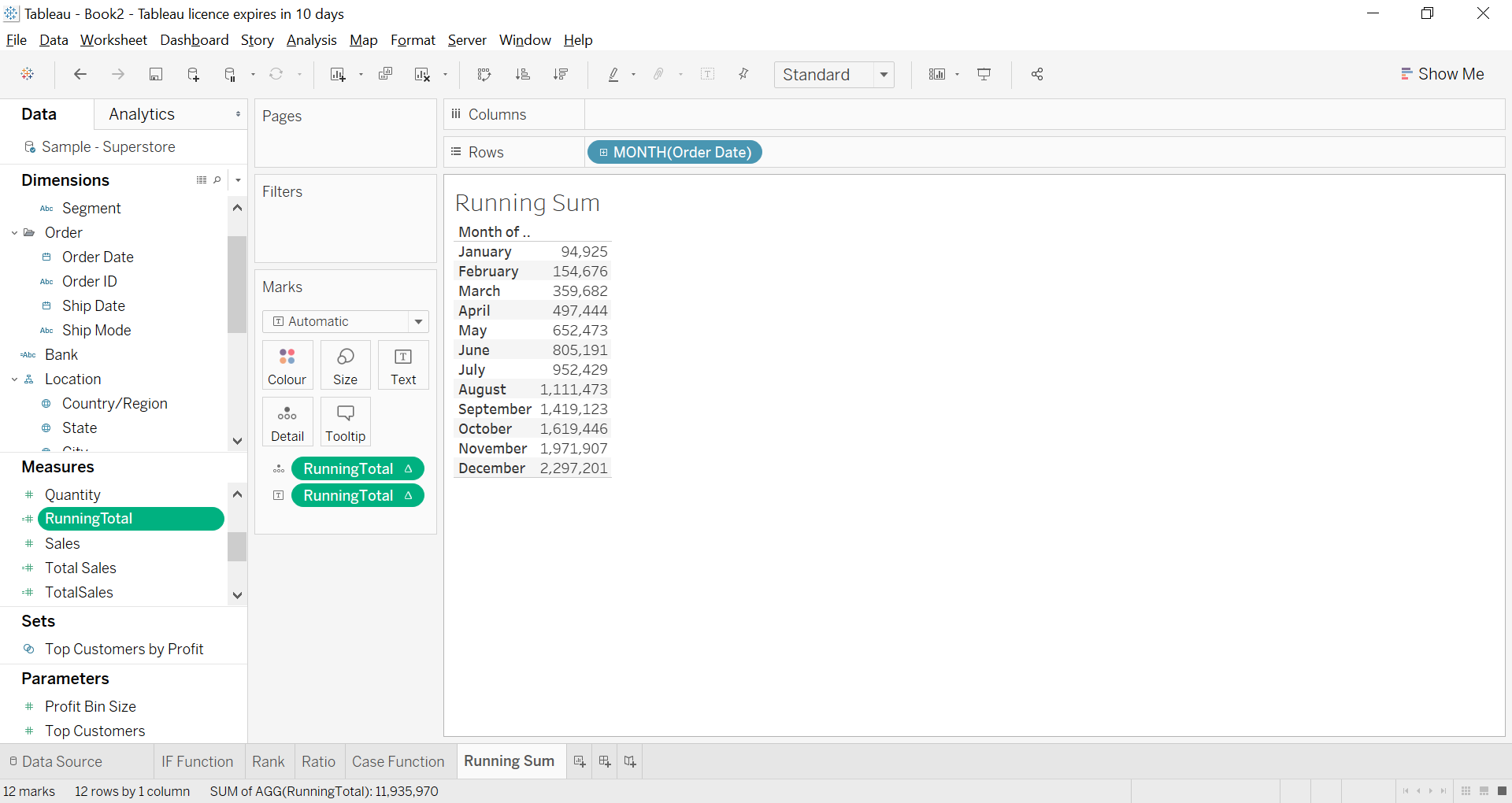


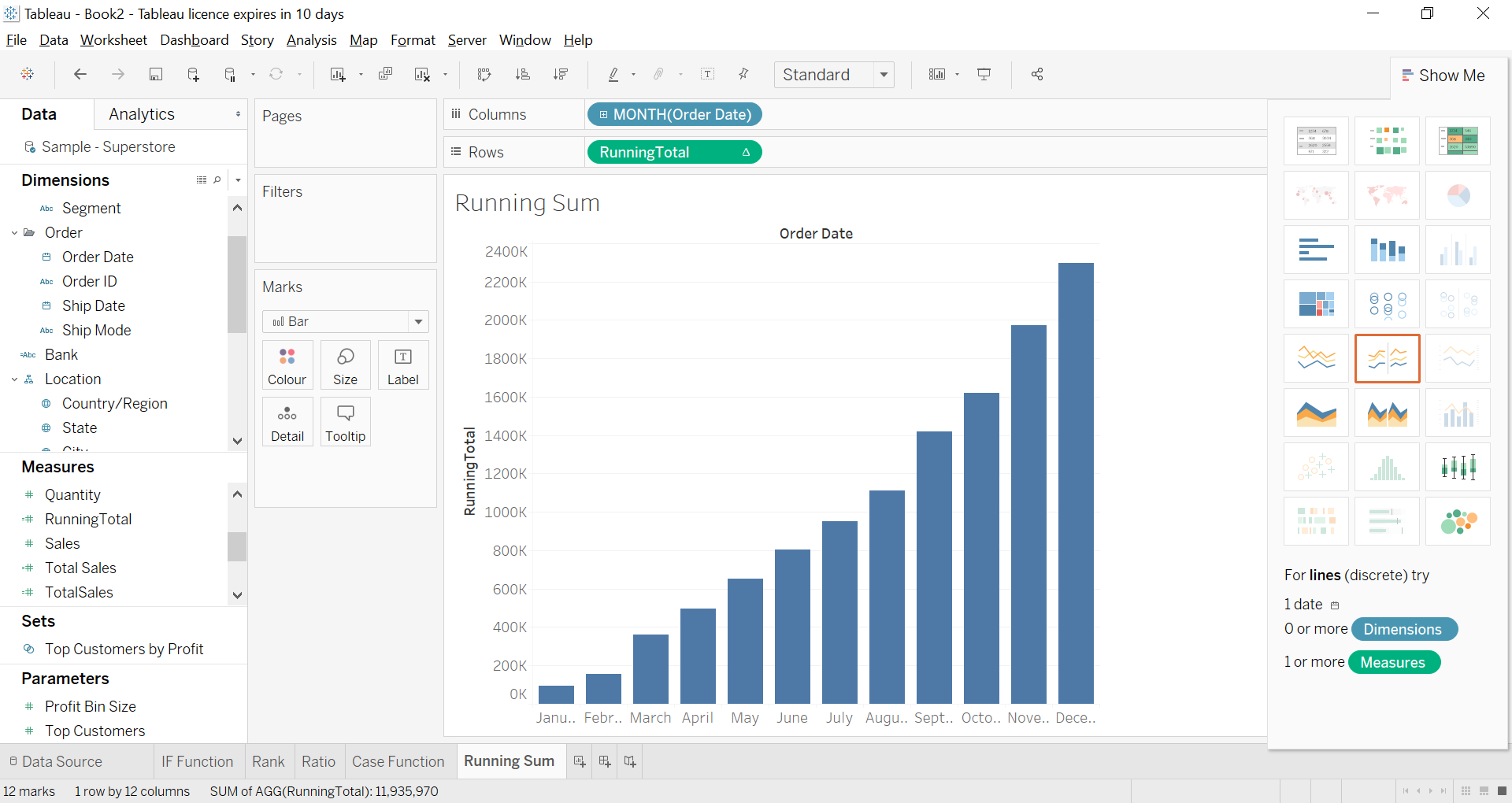


Q8. Create a graph using Month of Order Date and Running total of Sales. Use calculated field to compute running sales.

(Hint: Use function to compute running sum)



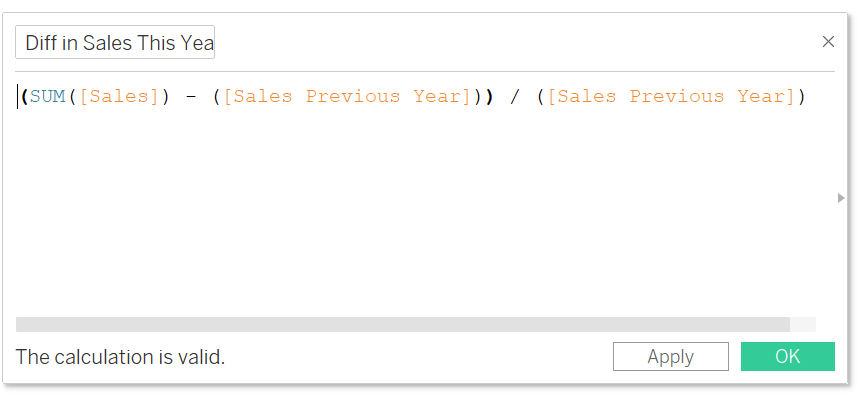


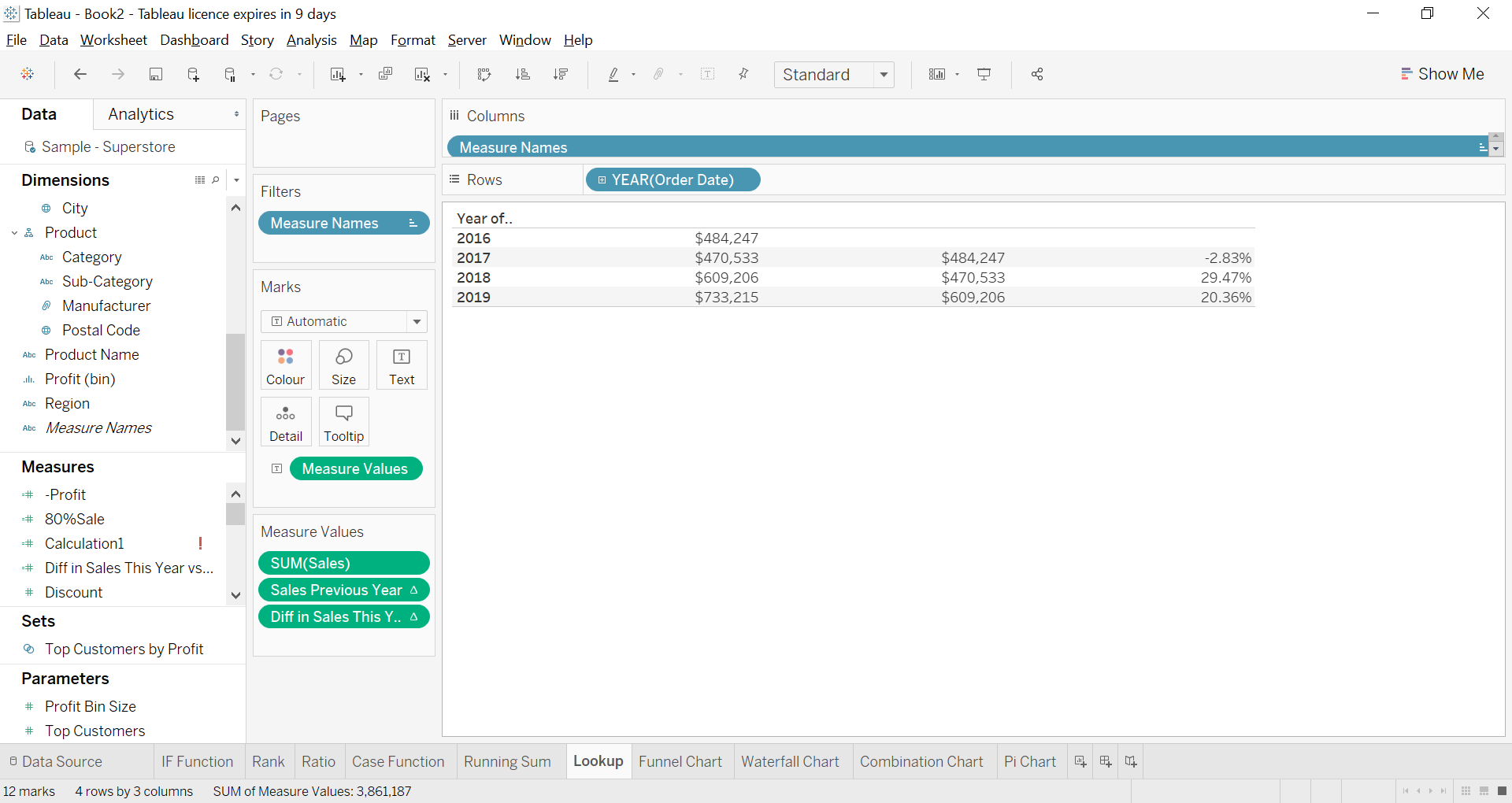


Q9. Create a calculated field to show difference in sales between Current Year and Previous Year in percent (%).

(Hint: Use Lookup or Window Sum Function)







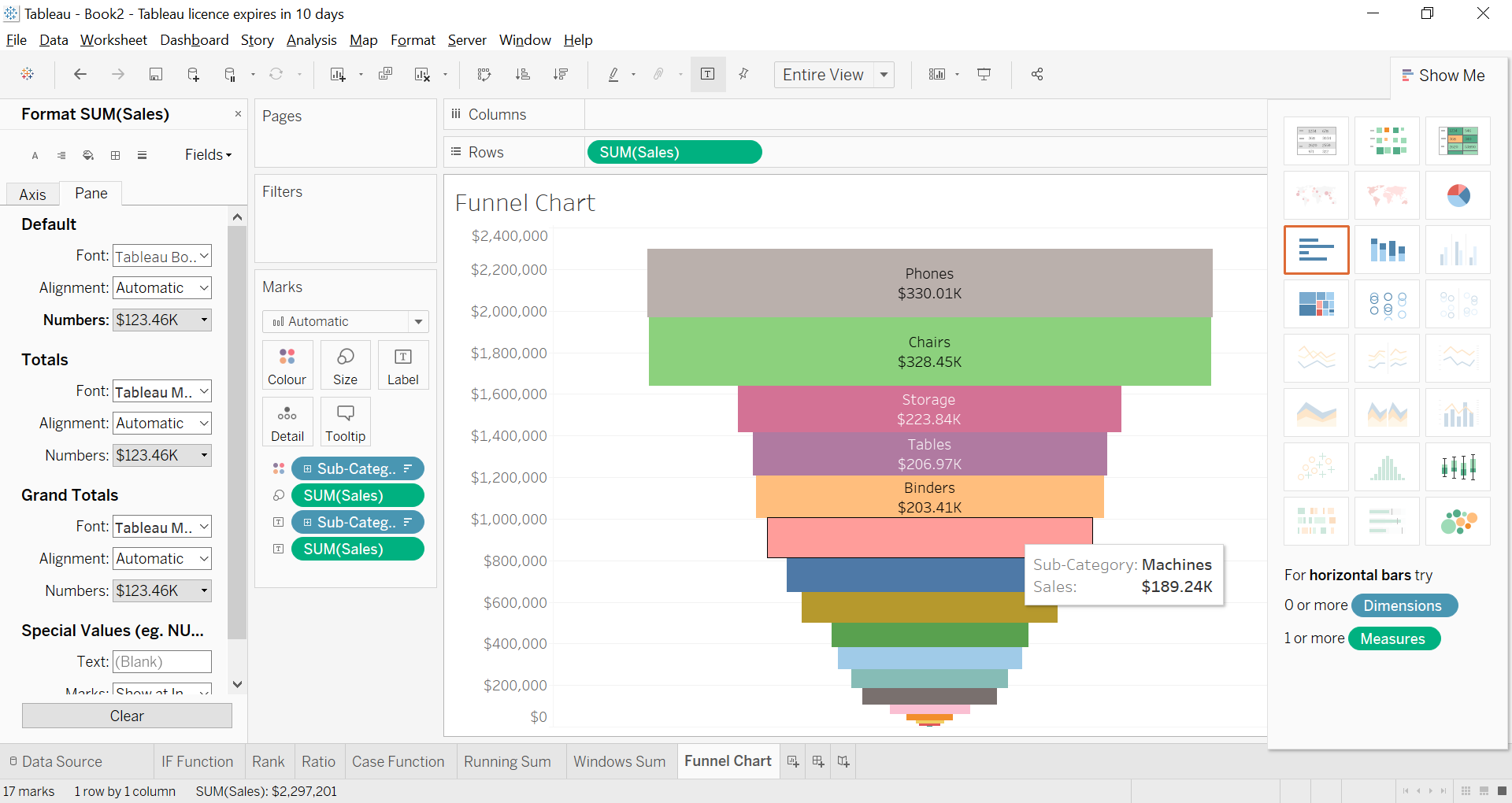
# Chapter 2. Advance Chart Types

Q1. Create Funnel chart for Sales by Sub– Category

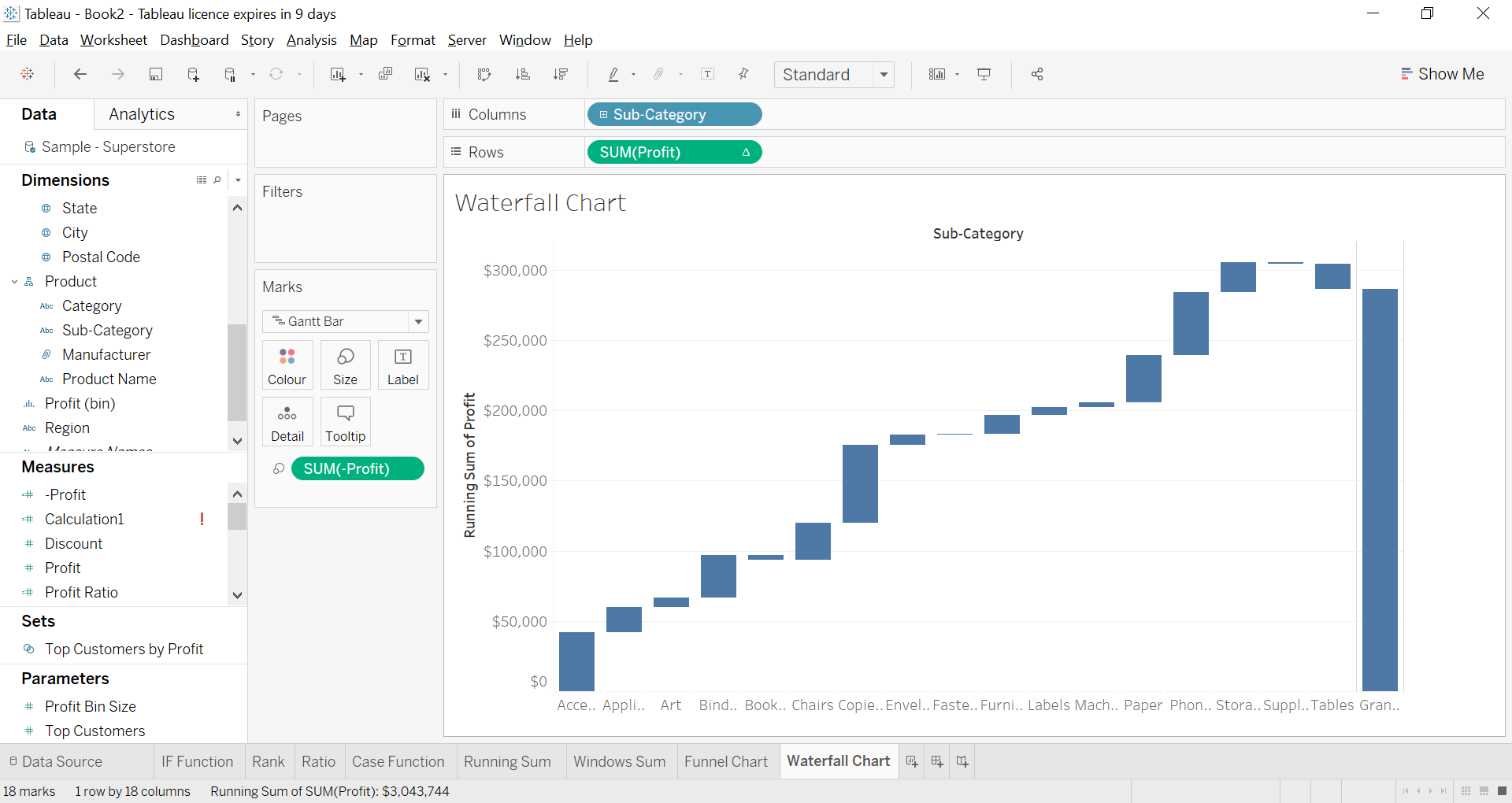
• Labels for Sub– Category and Sum of Sales.

• Sales in Units of K (Thousand) and Currency in $.

• Negative Axis Should not Contain any Labels or Values in Tooltip.

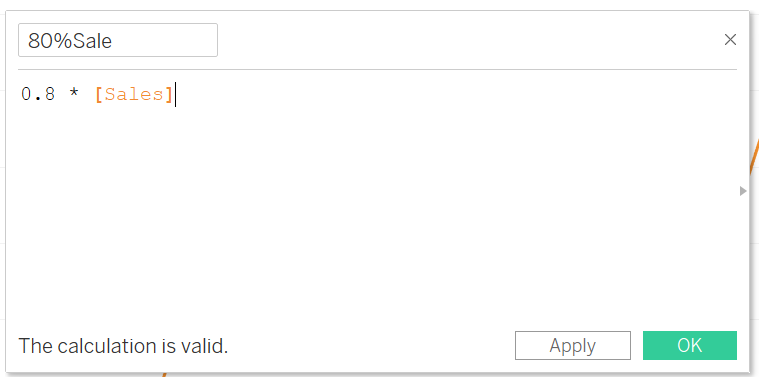


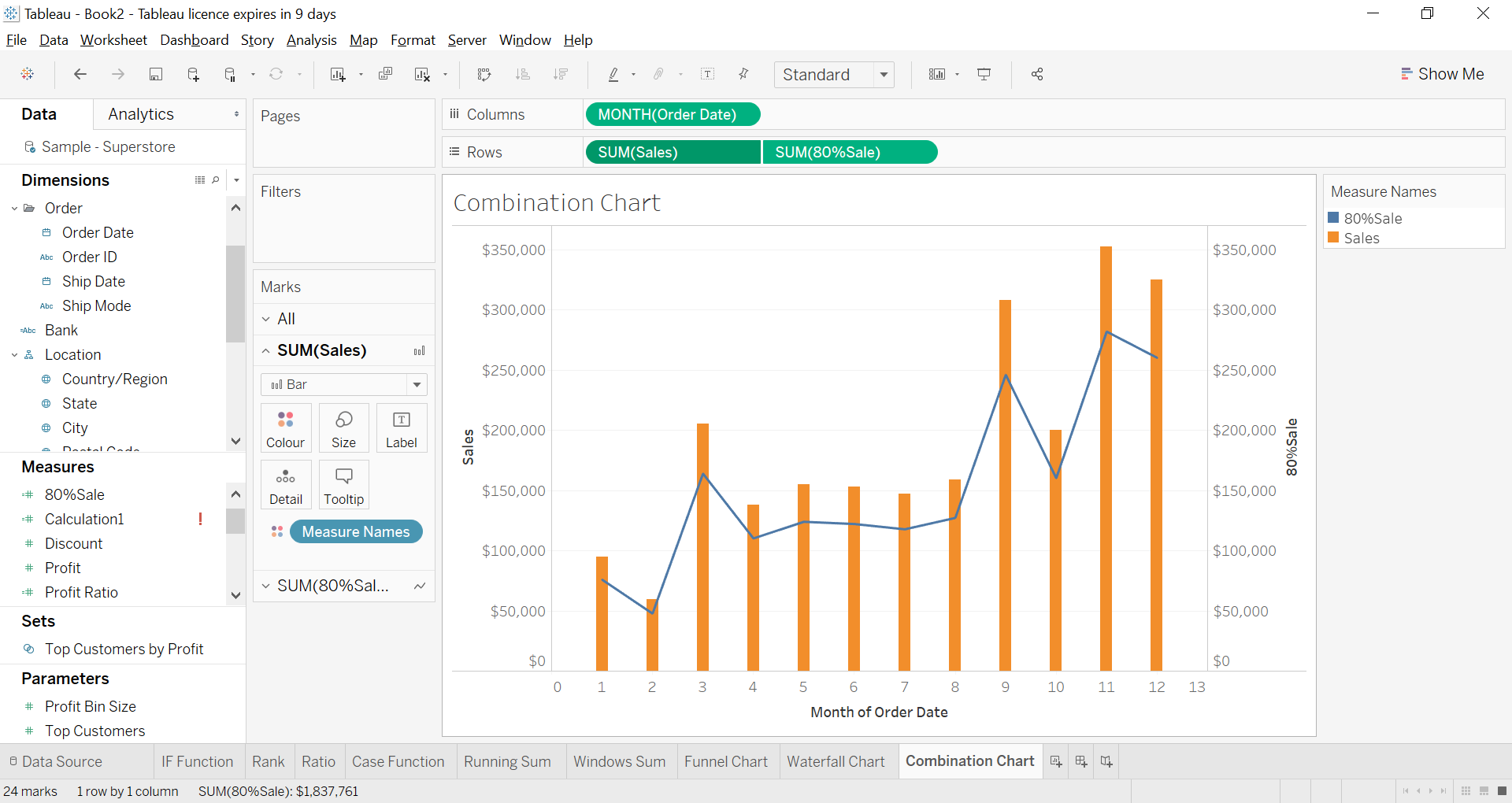
Q2. Create a waterfall model for running total of profit against Product Sub-Category. Also, add Row Grand total.



Q3. Create a view with a line showing 80 % amount of sales across several months and a bar chart showing actual sales attainment for the months.

Use Combination Chart.

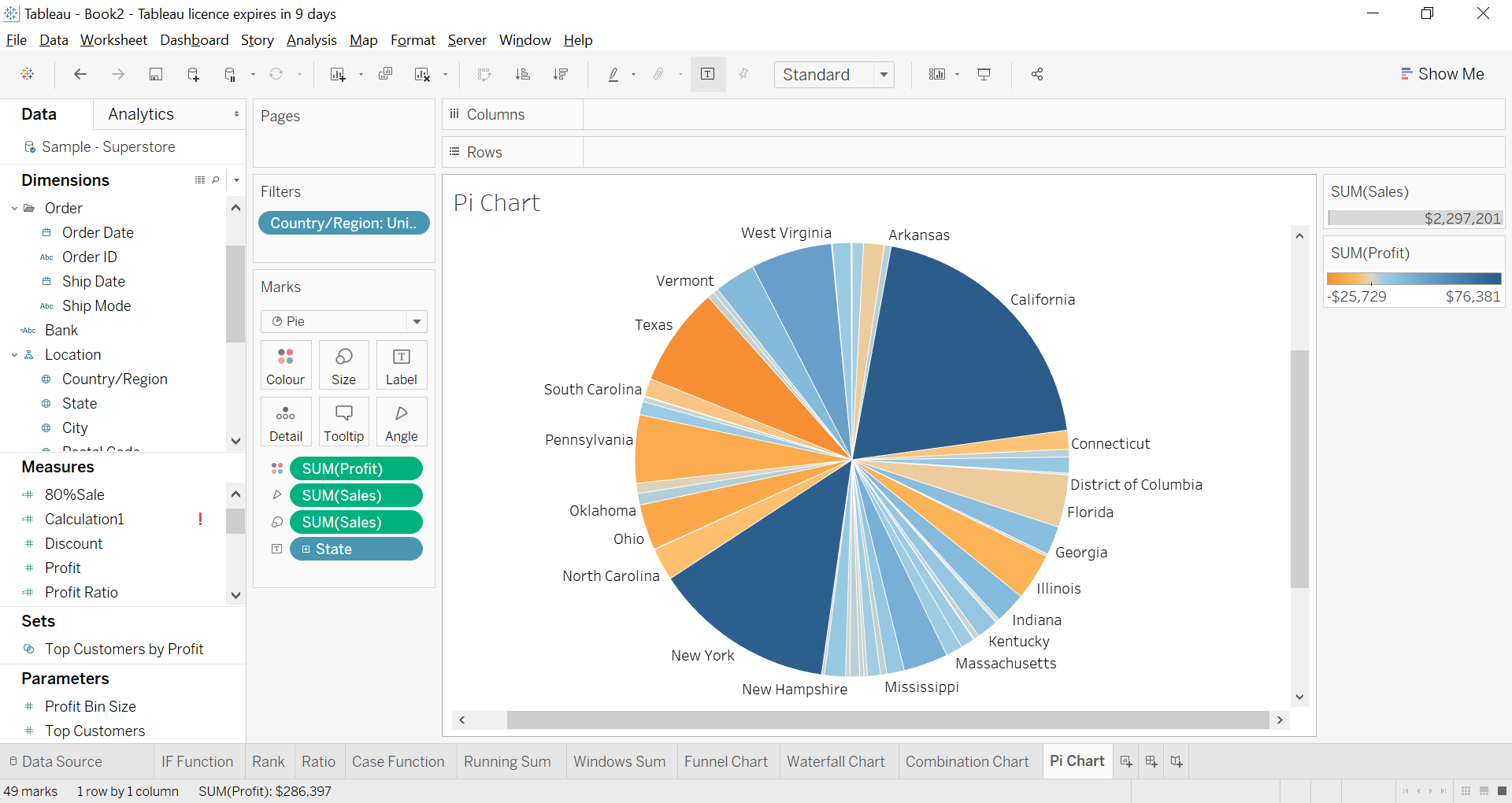




Q4. Apply Filter on Country and set value"United States". Create a Pie chart for Sum of sales across shipping mode for each state (in U.S.A.) in where states are colored by Profit.

• States should have labels.

• Pie Chart should have white Border.

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