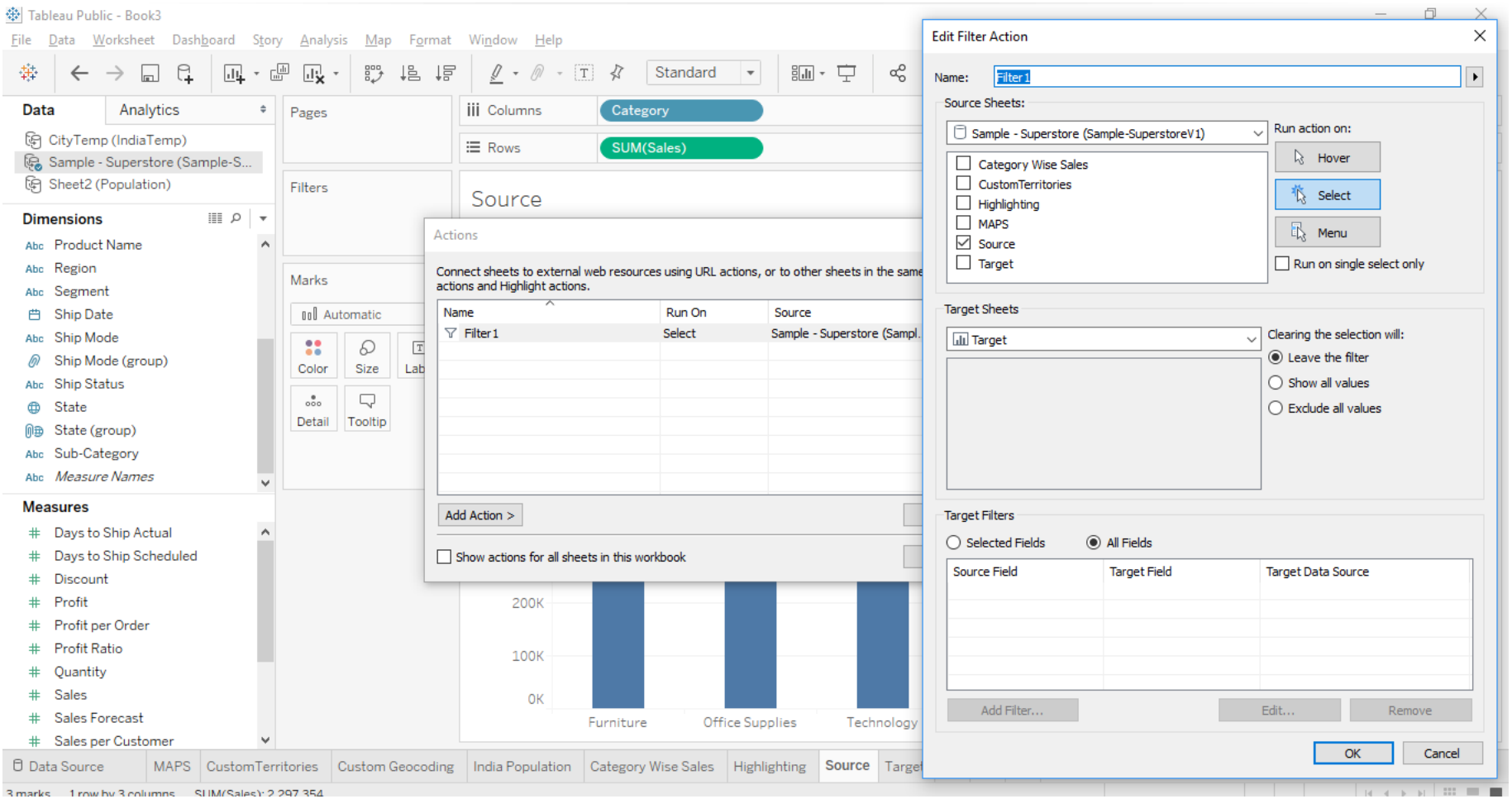
# Actions

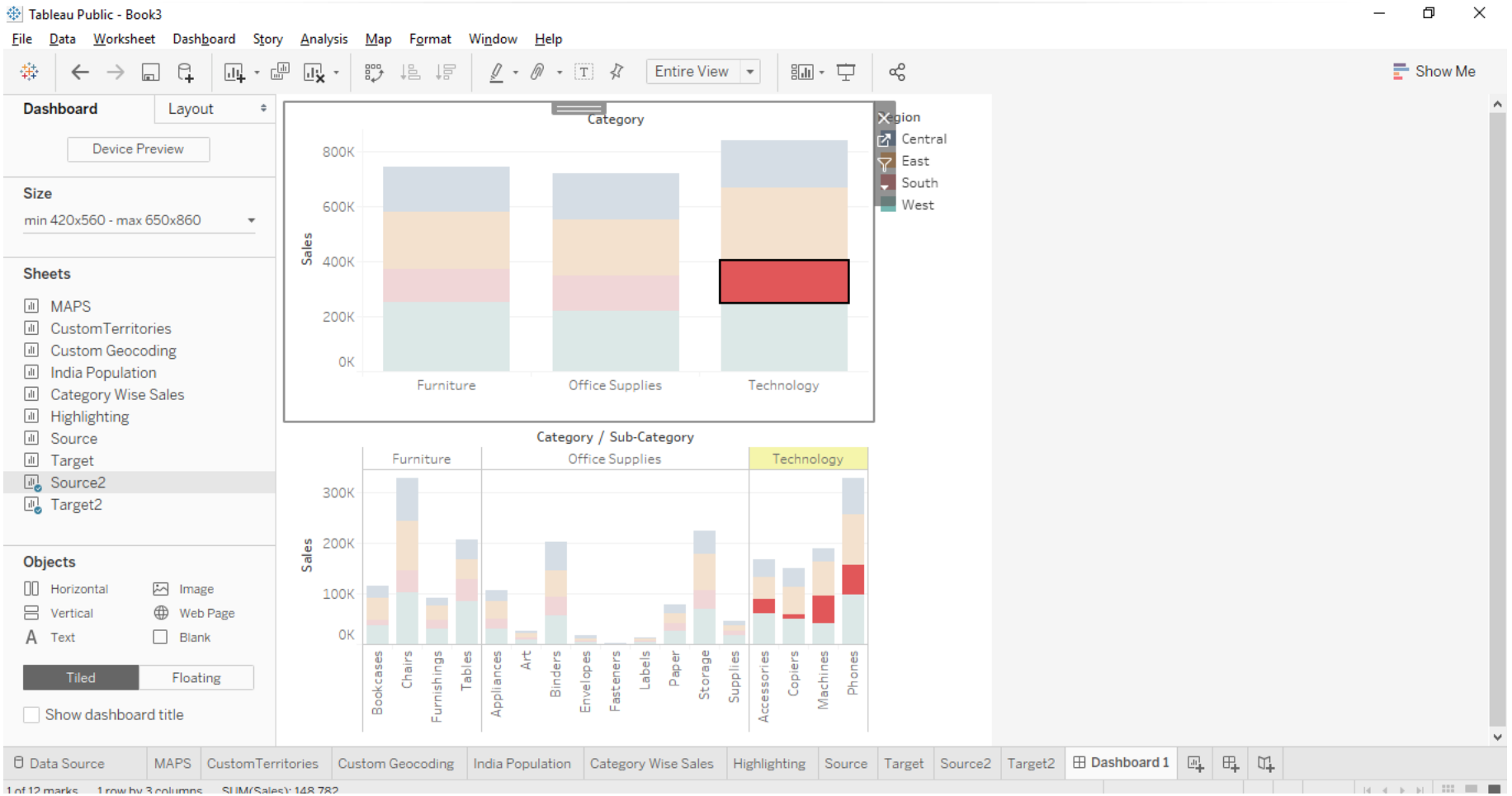
**Actions**: These are the activities performed when we trigger an event.

**Actions Filter** : Target visual will be filtered with reference to source visual.



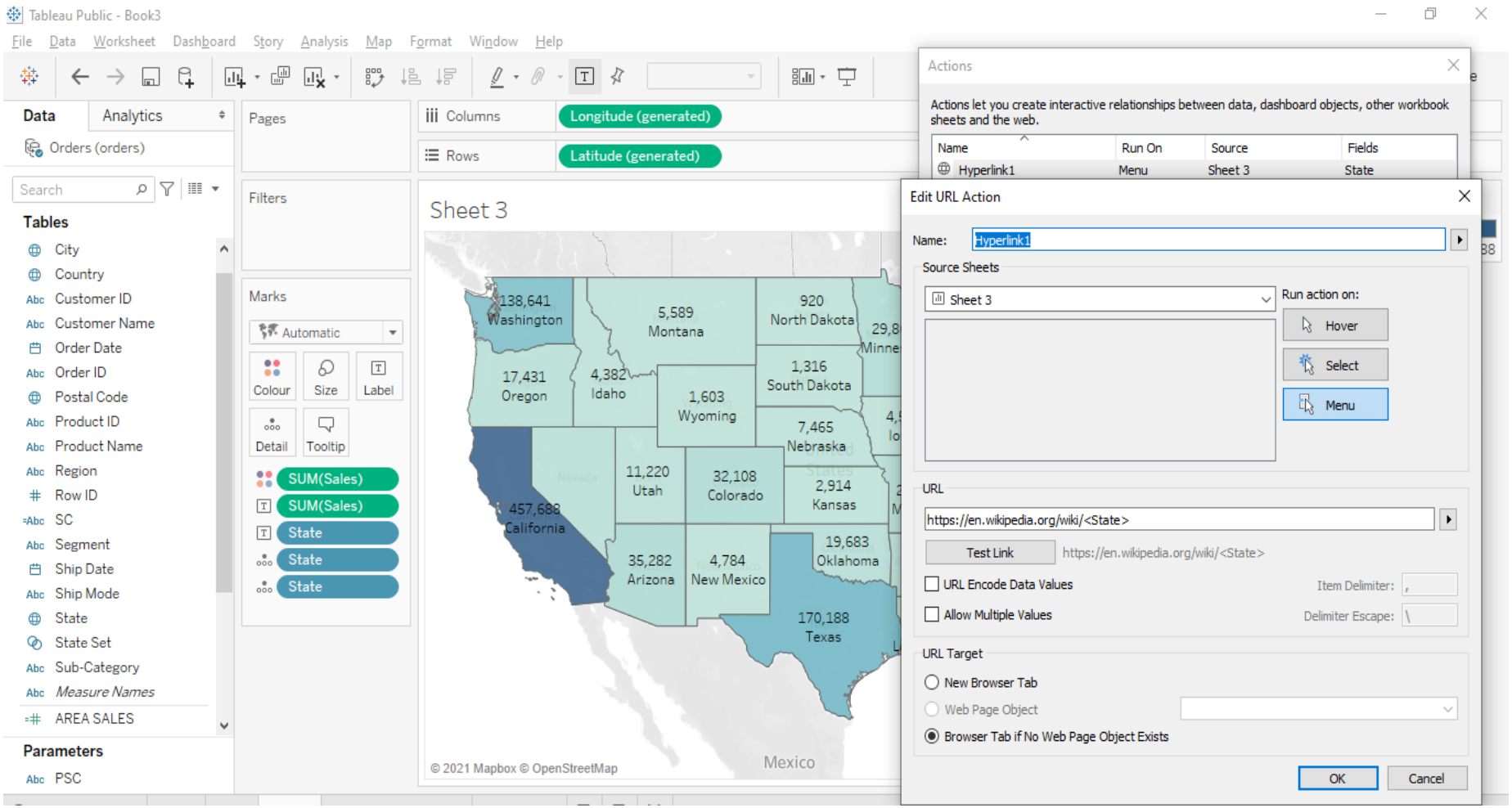
# Actions

**Actions Highlight**: Using this feature highlighting will be done with some event.



# Actions

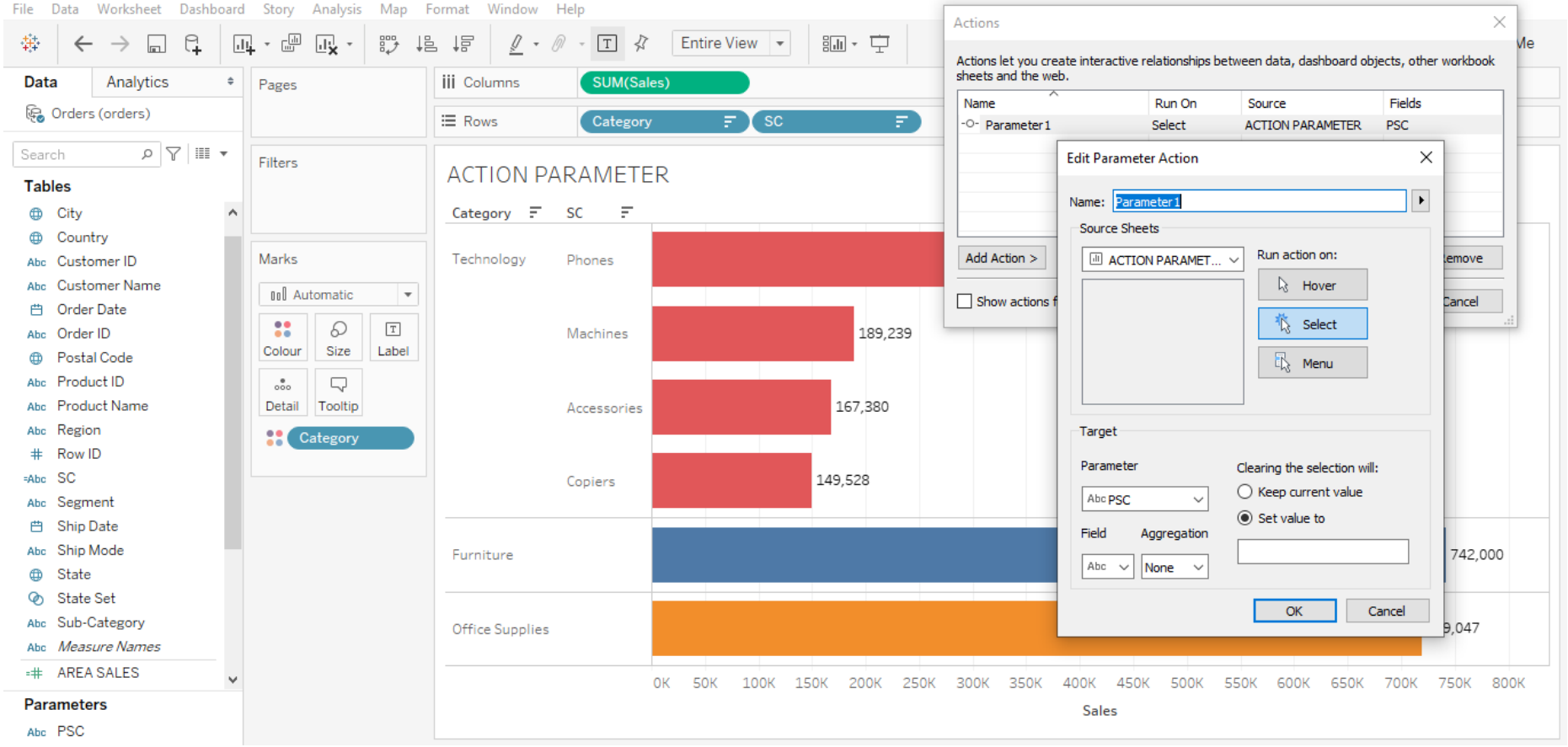
**Actions URL**: This feature allows us to open a browser when some event  occurs.



# Actions

**Actions Parameter** : This feature allows us to dynamically set the value of the parameter.

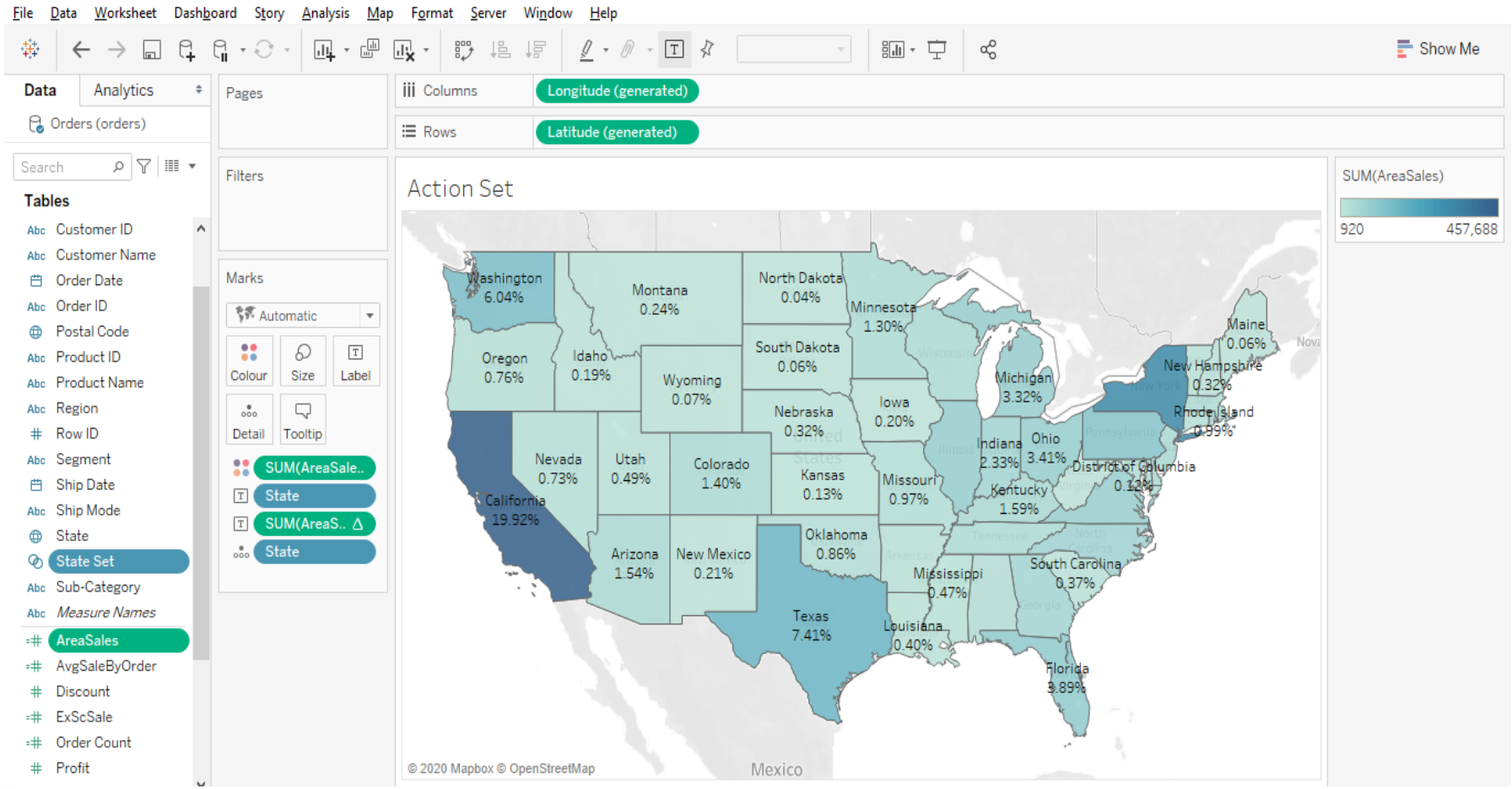
- Create a parameter
- Create a Calculated field
- Assign action to assign the value to the parameter



# Actions

**Actions Set**: This feature allows us to dynamically pass the values to the set.

- Create a Set
- Create a Calculated field
- Assign action to set



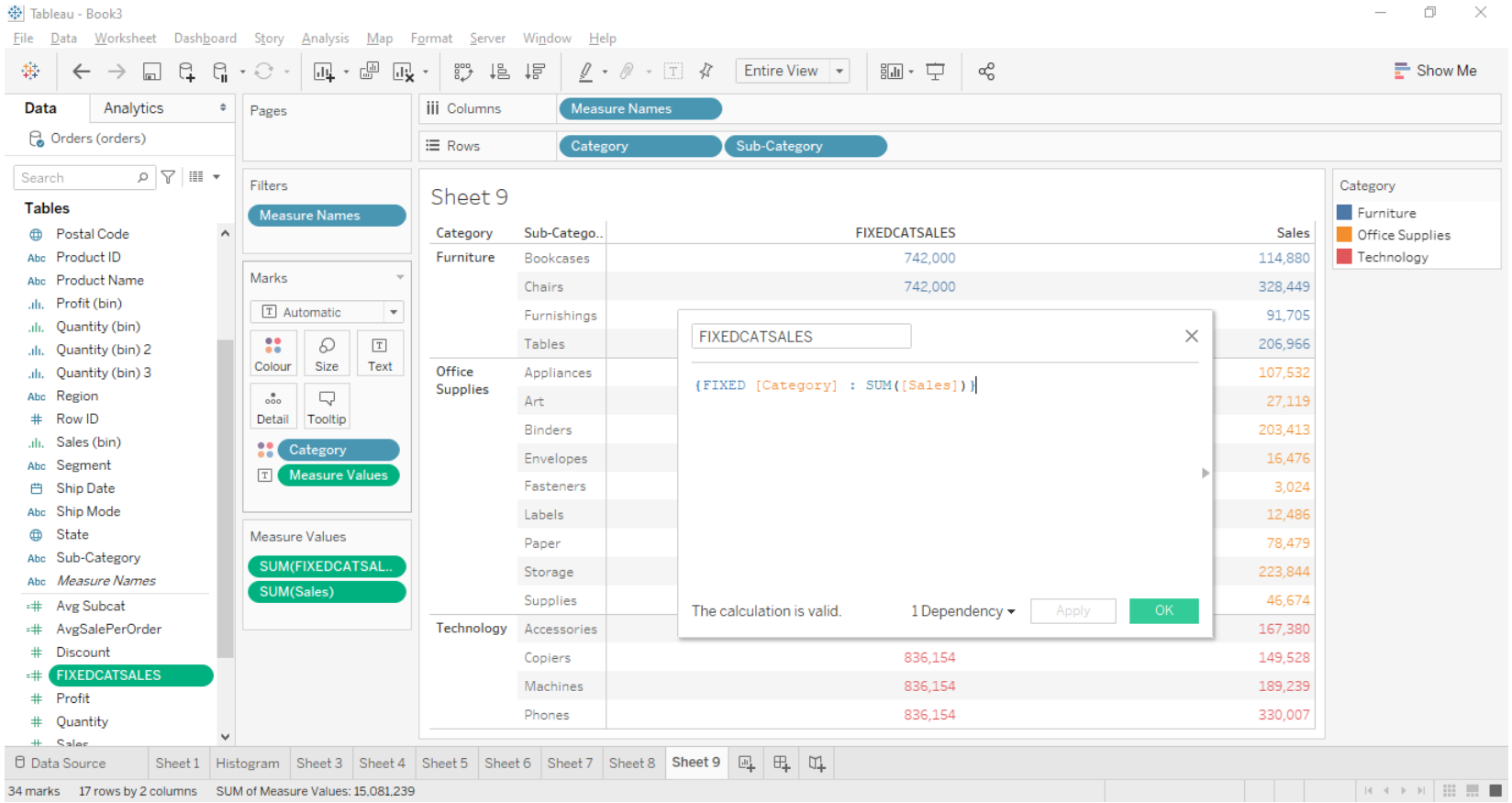
# ASSIGNMENT

- Using India Map Represent state wise percentage of Covid cases.
- In the another sheet create a bar chart to represent state wise Total Covid Cases, Recovered & Deaths.
- Use action so that the bar graph representation of Covid details should be displayed for the highlighted state.
- In sheet 1 represent Category & Region wise profit, category should be bifurcated on the basis of region.
- In sheet 2 represent Category , Subcategory & Region wise profit.
- Implement an Action on sheet 1 so that sheet 2 which is filtered on region & subcategory for the selected region in sheet 1.
- Create a US Map to display the %age sales contribution of each state. Implement an set action to give the sales comparison of the selected area.
- Represent segment wise profit using a barchart, Implement a action Parameter so that it can be drill down to region.

# LOD Calculations

Level of detail expression allows us to compute aggregation that are not on level detail of the visualization

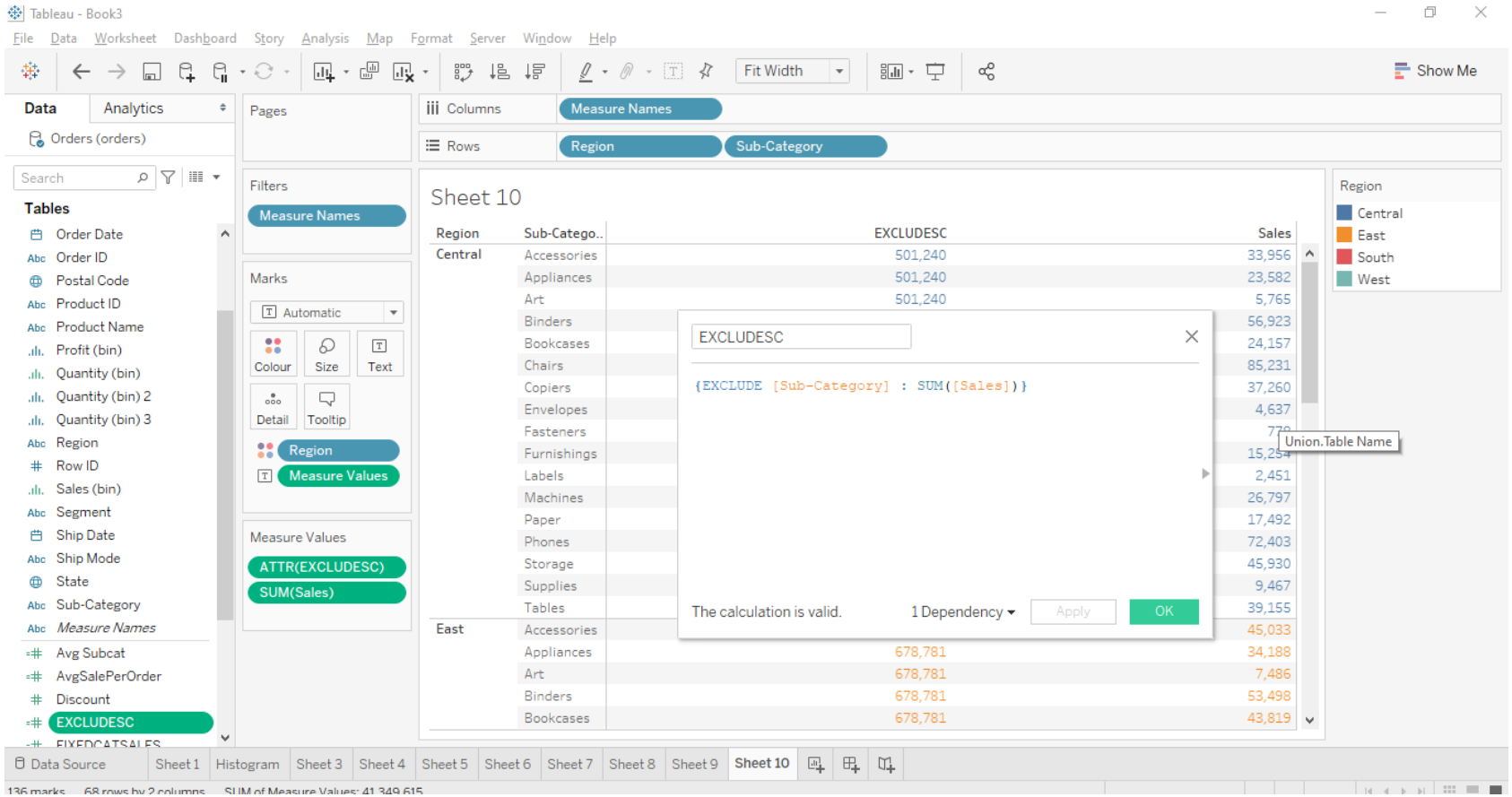
FIXED – Include the expression immaterial of it being included in the visualization is not included in the view



# LOD Calculations

Level of detail expression allows us to compute aggregation that are not on level detail of the visualization

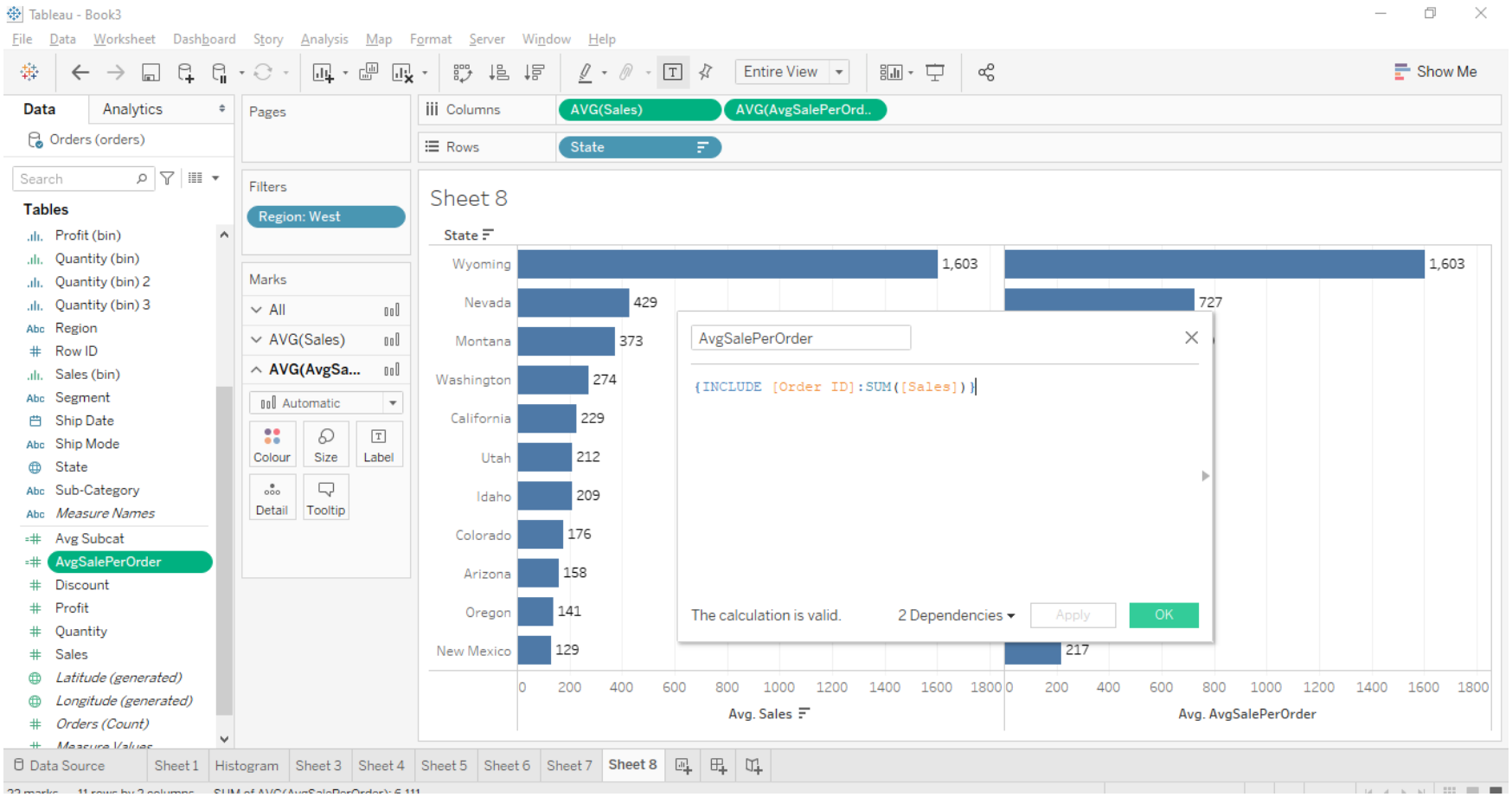
EXCLUDE – exclude the expression even if it is included in the view



# LOD Calculations

Level of detail expression allows us to compute aggregation that are not on level detail of the visualization

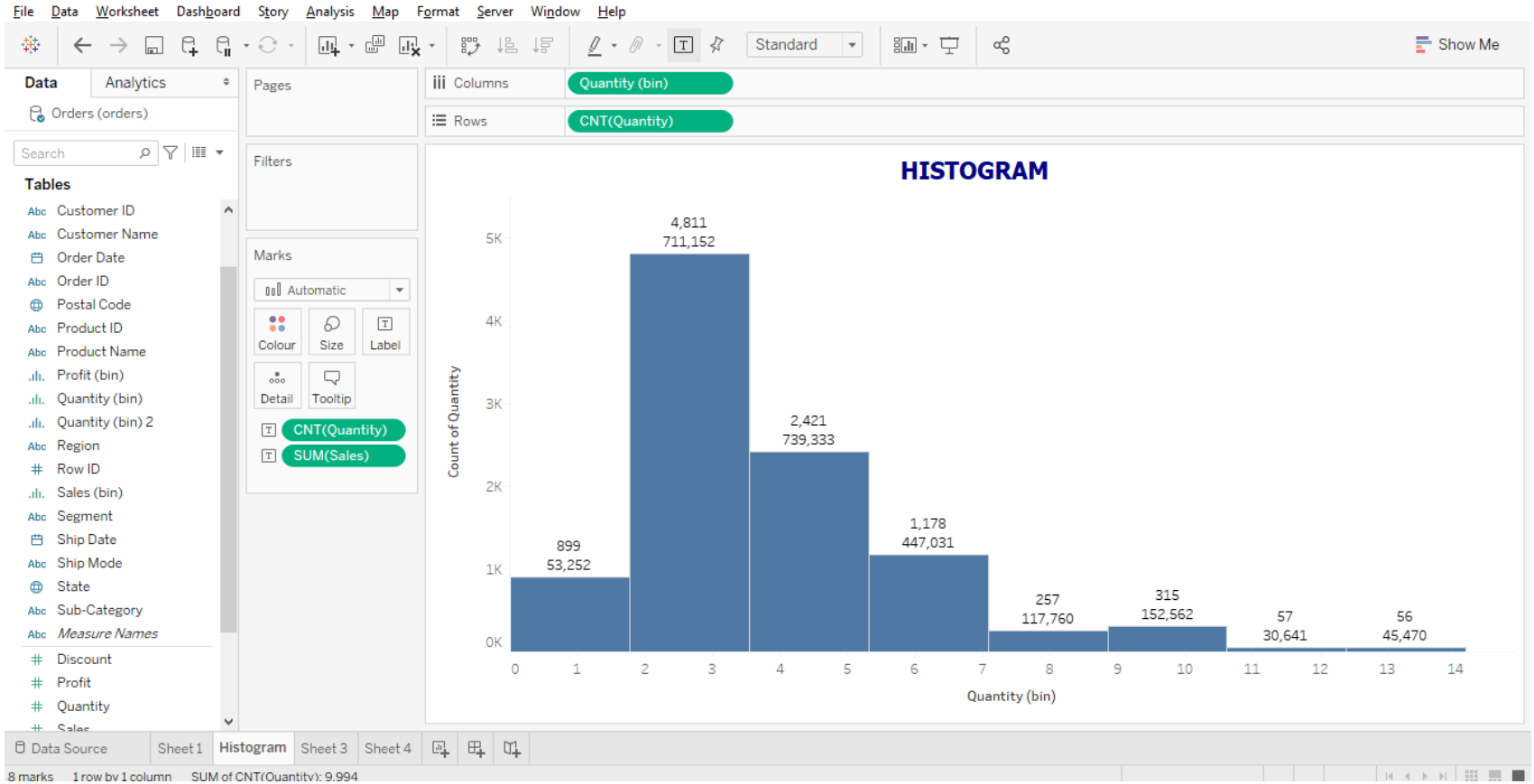
INCLUDE – Include the expression even if it is not included in the view



# Histogram

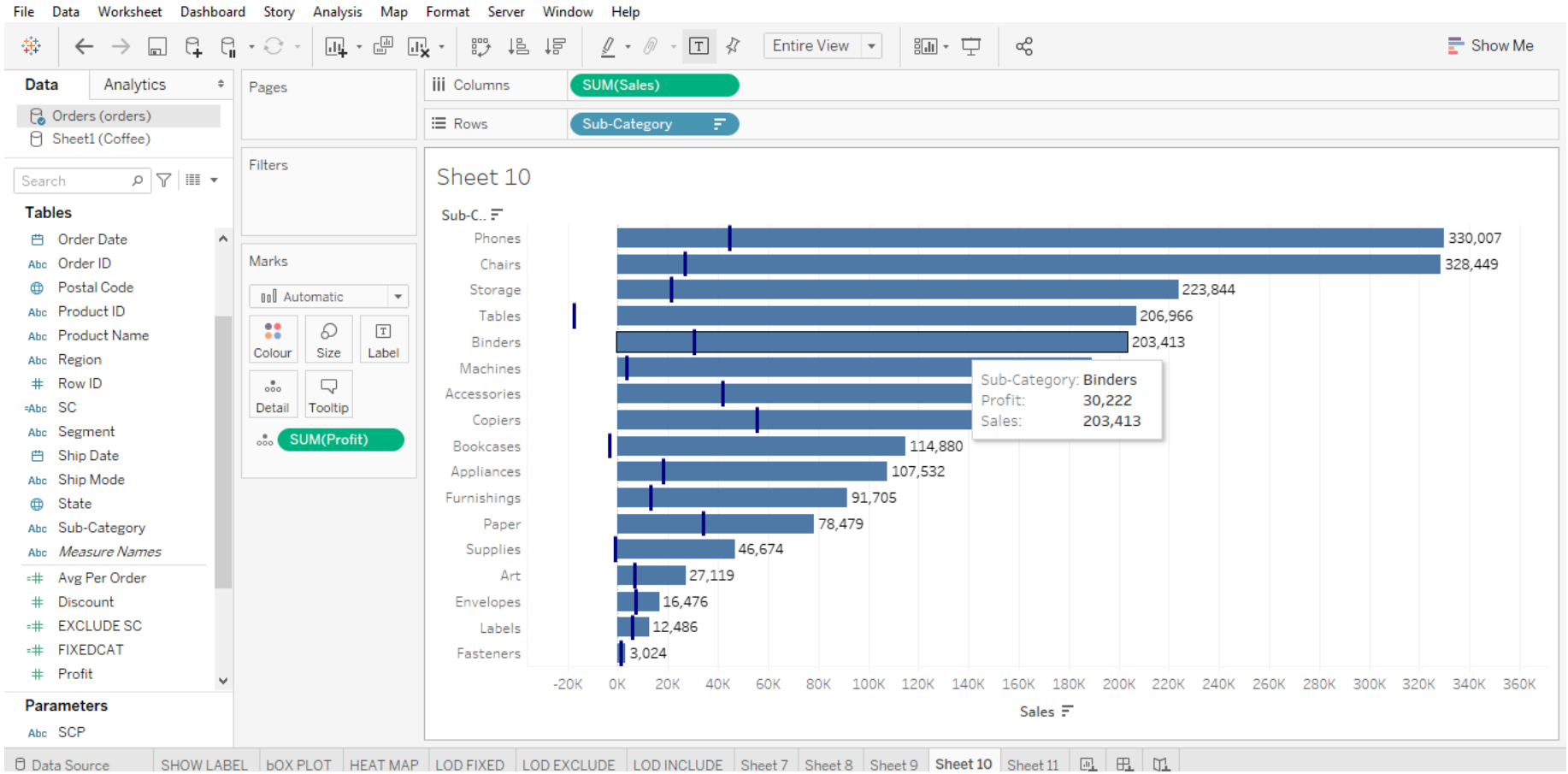
Histogram is same like bar chart however, it groups the values into range. Each bar in histogram represents  the number of values present in that range.

Tableau creates a histogram by taking one measure. It creates an additional bin field for the measure used in creating a histogram.



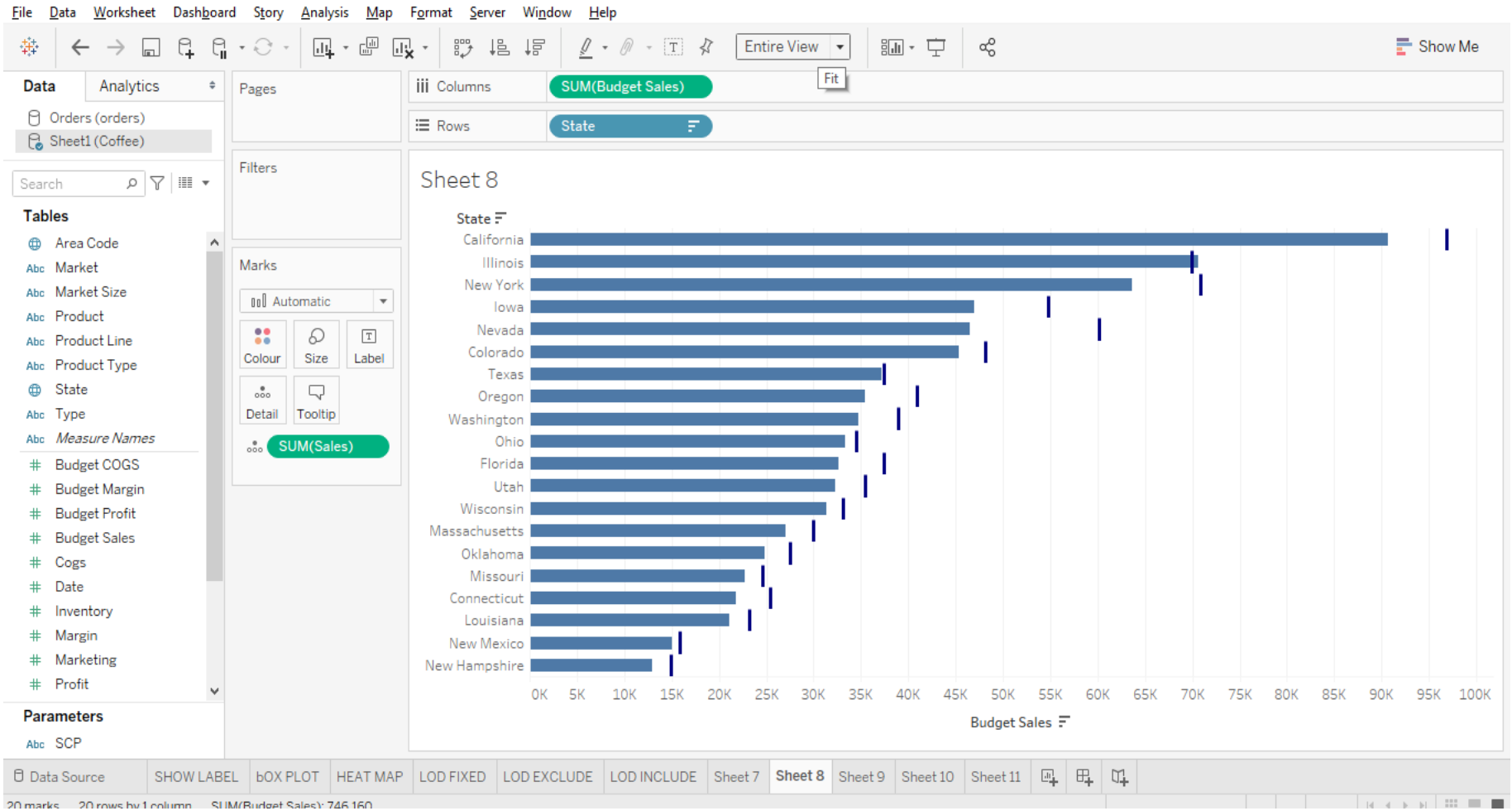
# Bullet Chart

Bullet Chart is a variation of Bar graph, used to compare value of one measure with another measure in the context of finding the variation in the first measure within a range of variations in the second measure.



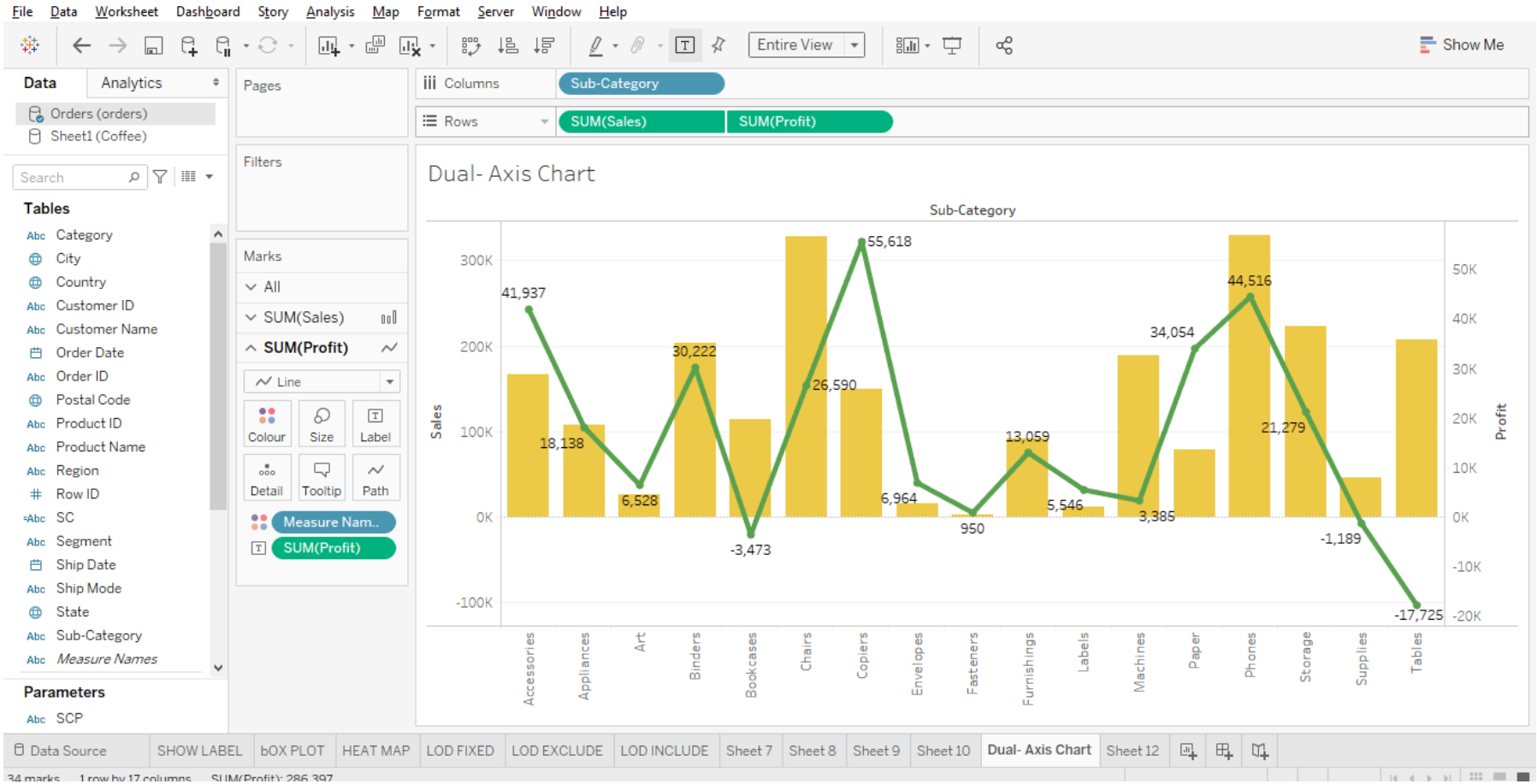
# Bullet Chart

Comparison of Sales target and Actual sales (Coffee Data Source)



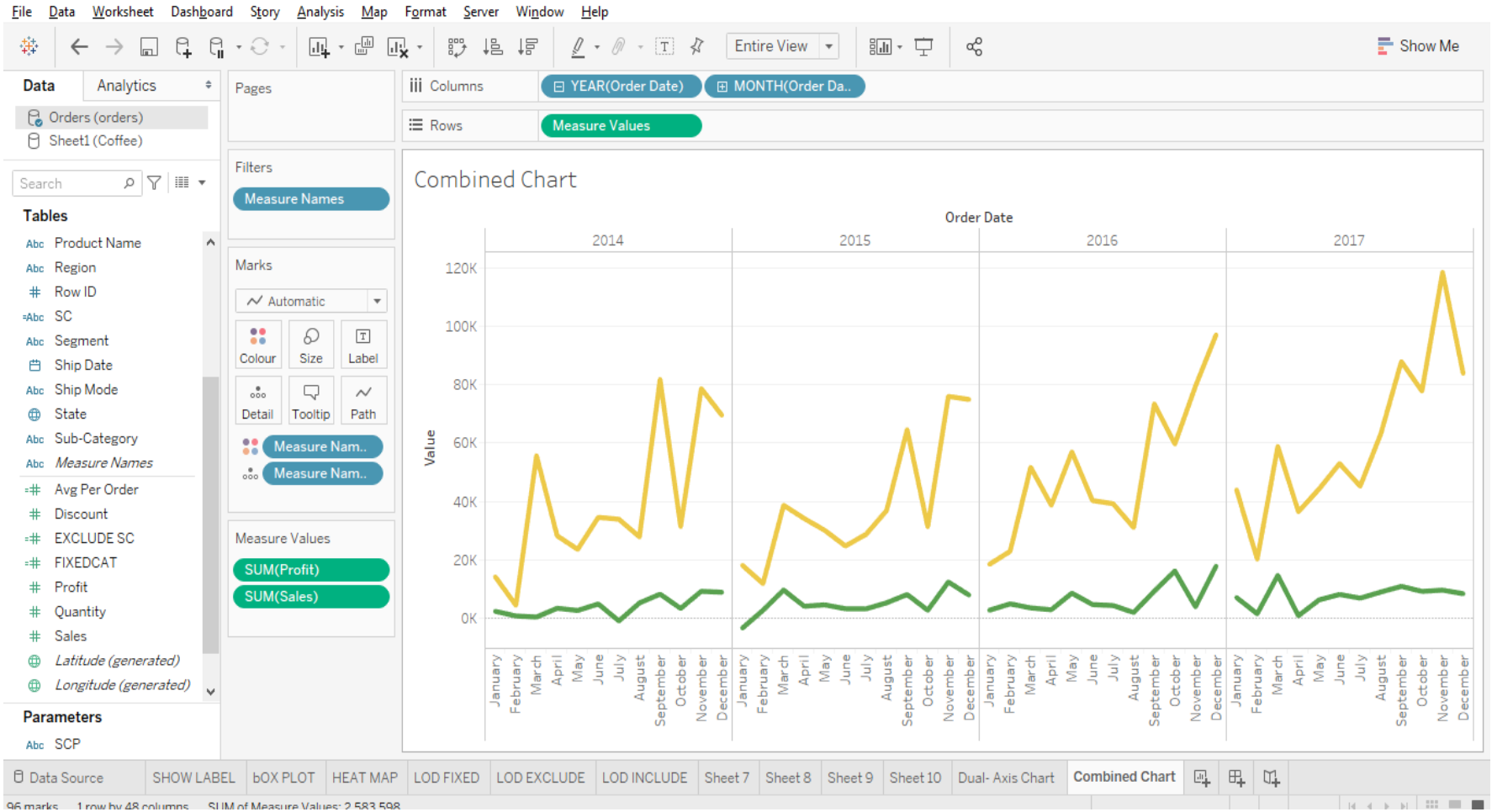
# Dual- Axis Chart

In Dual Axis chart we have two Y – Axis. These are helpful when we want to see the relationship between two or more variables in a limited space and in one view.



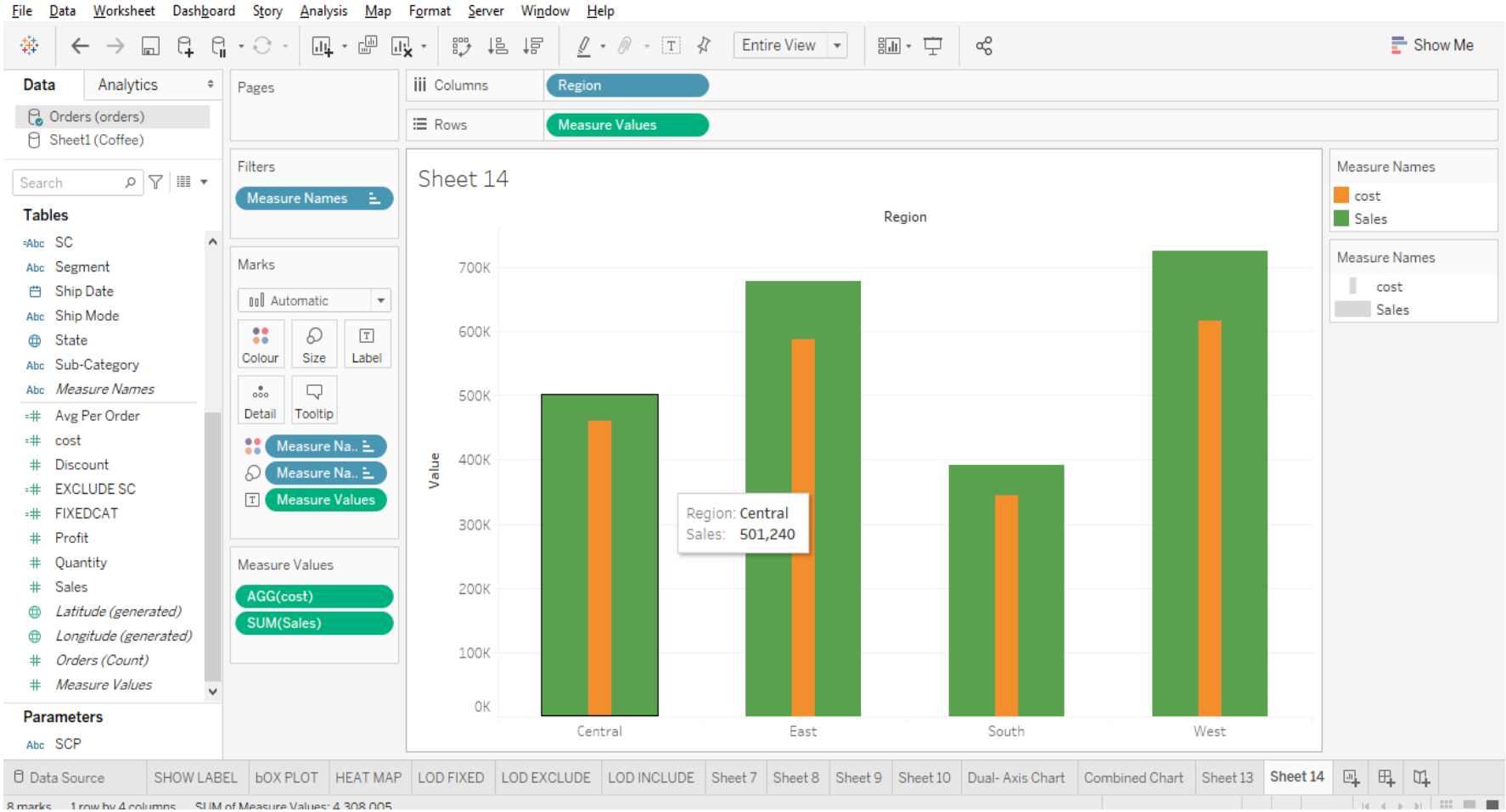
# Combined Chart

**In Combined Chart two or more measures are plotted on same Y-Axis**



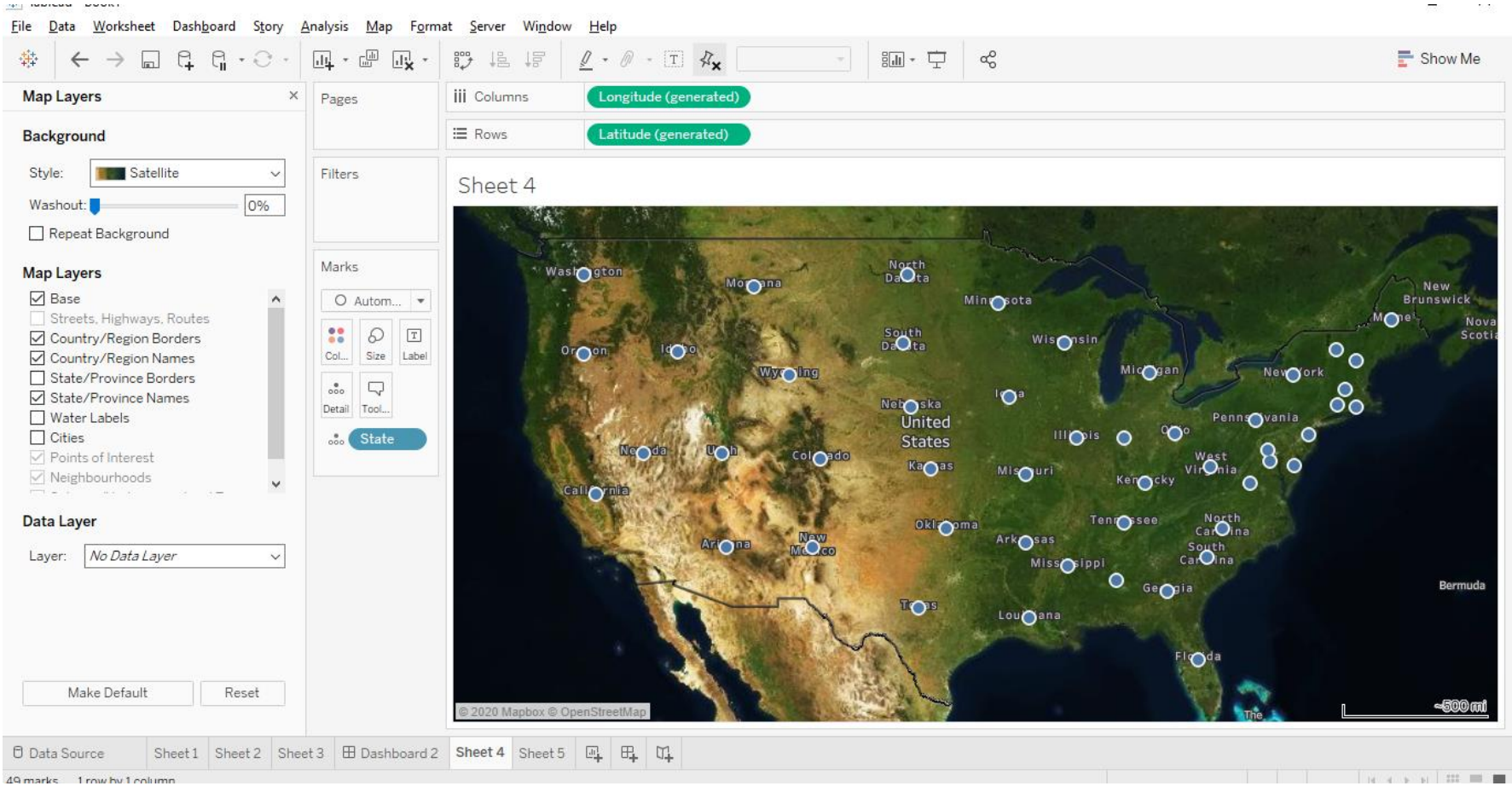
# Bars in Bar Chart

**Bar in Bar chart is used when we need to plot two measures in the same bar. These are useful for comparing the two measures.**



# Map Layers

**Map layers are used to give other layers (layout) or background to Map like coast lines or Satellite**



# Map Layers – Back Ground Image

**Back Ground Image can be used to create a custom map in Tableau**