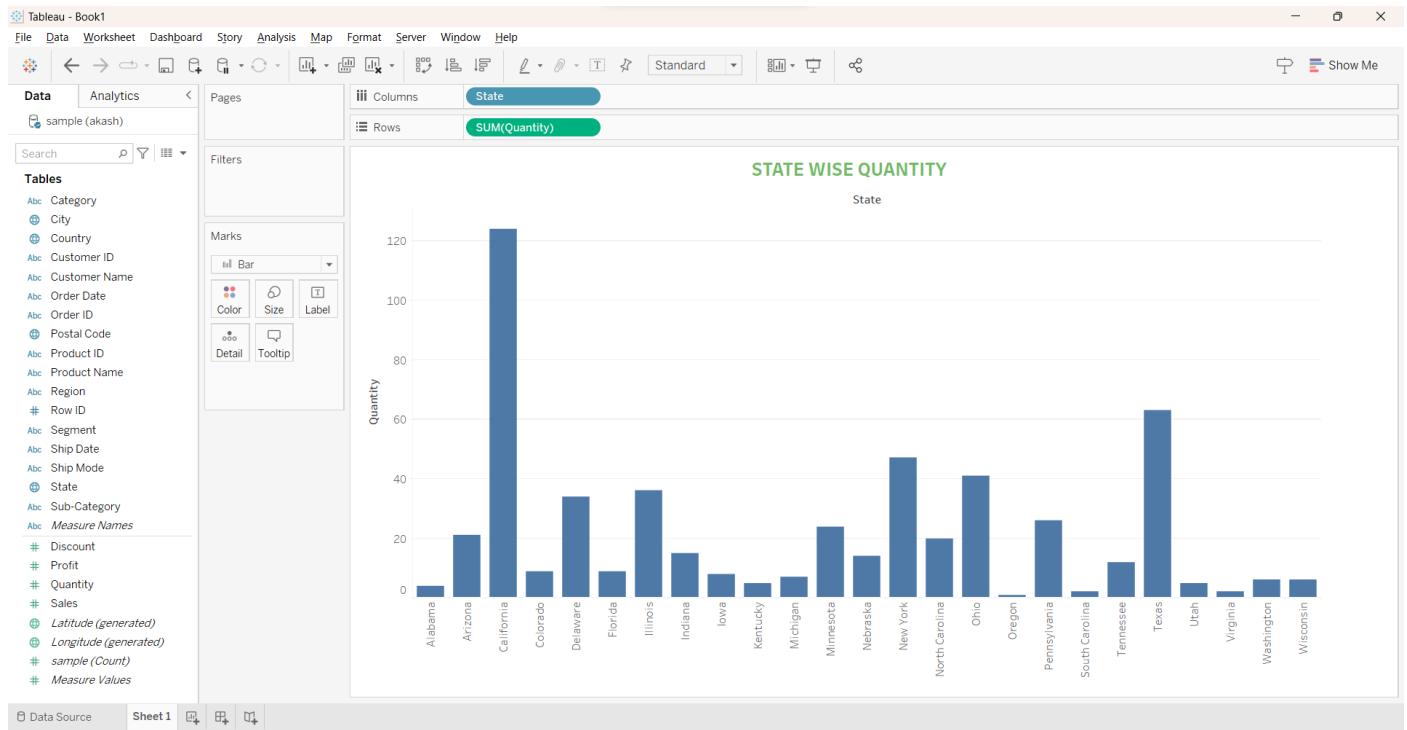
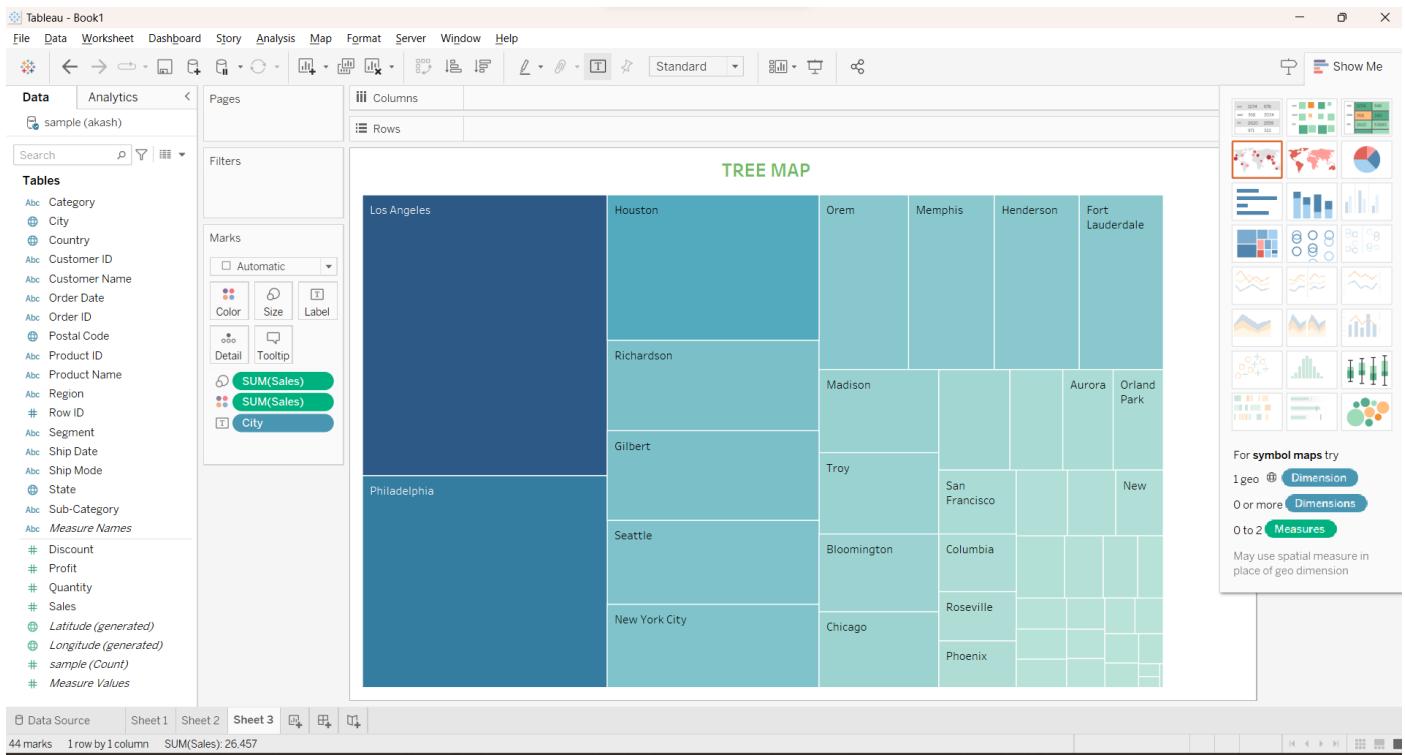


1). Create any 7 data visualizations/charts and perform the following.

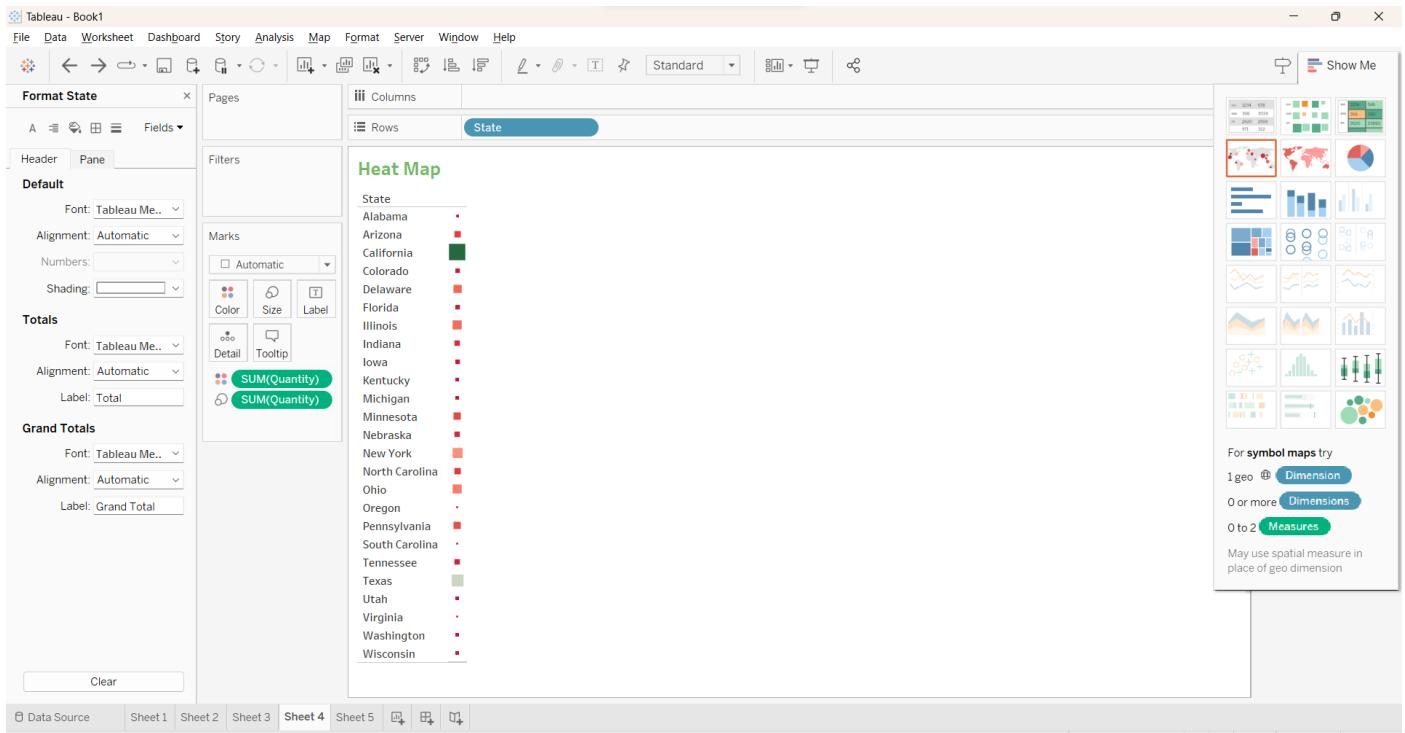
### BAR CHART:



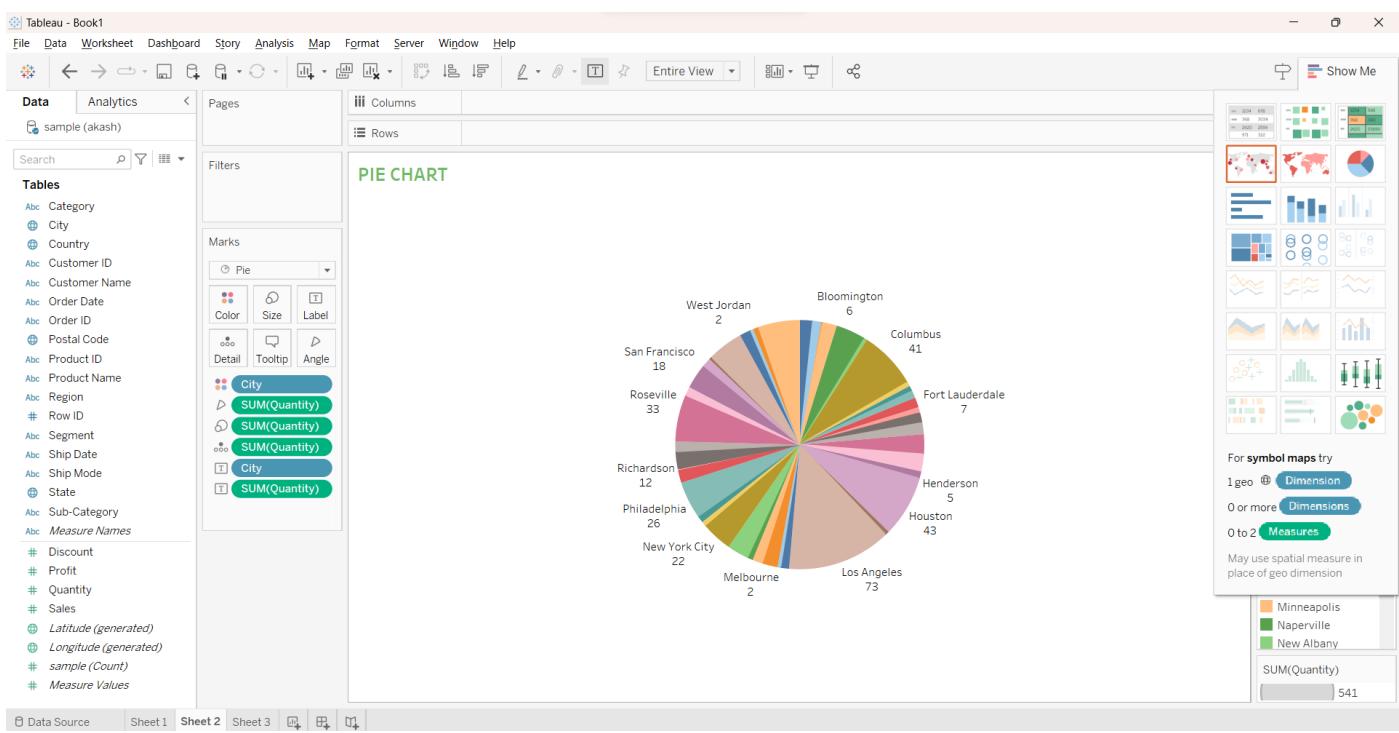
### TREE MAP:



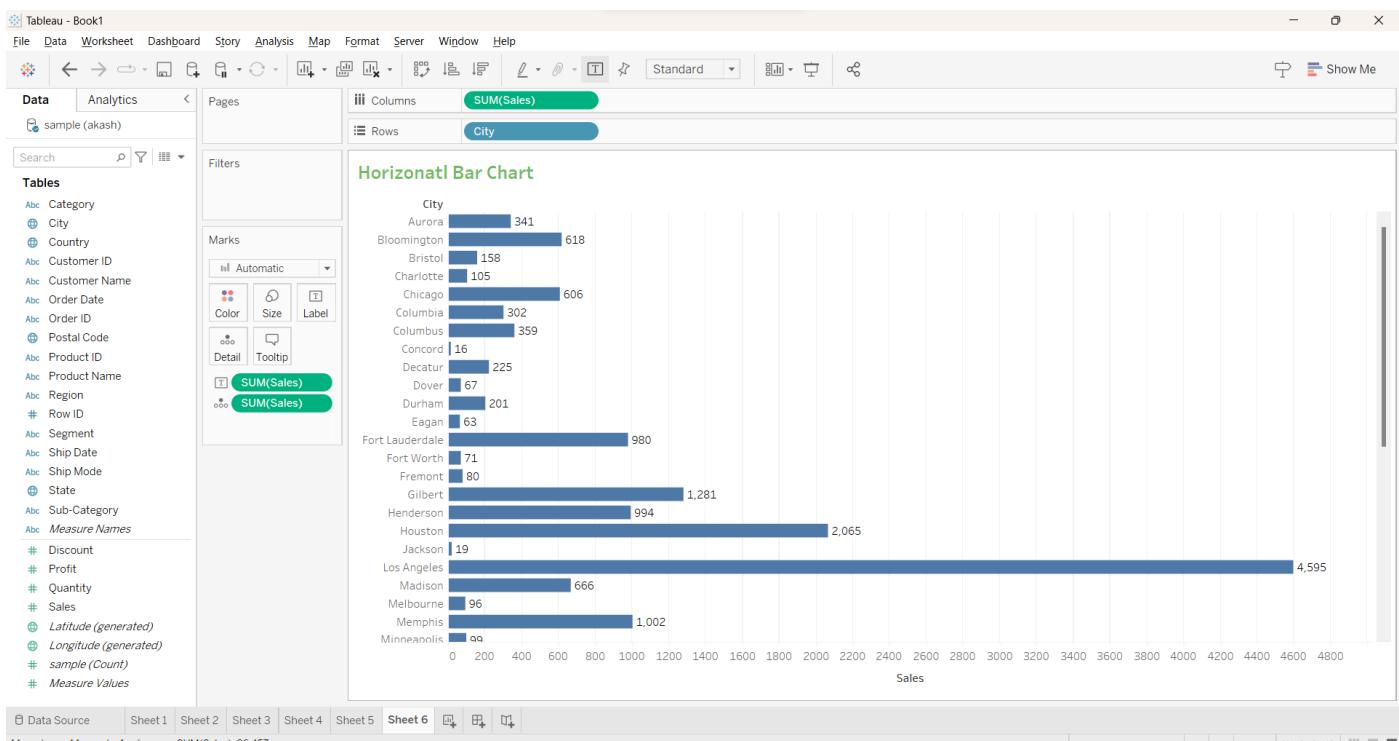
## HEAT MAP:



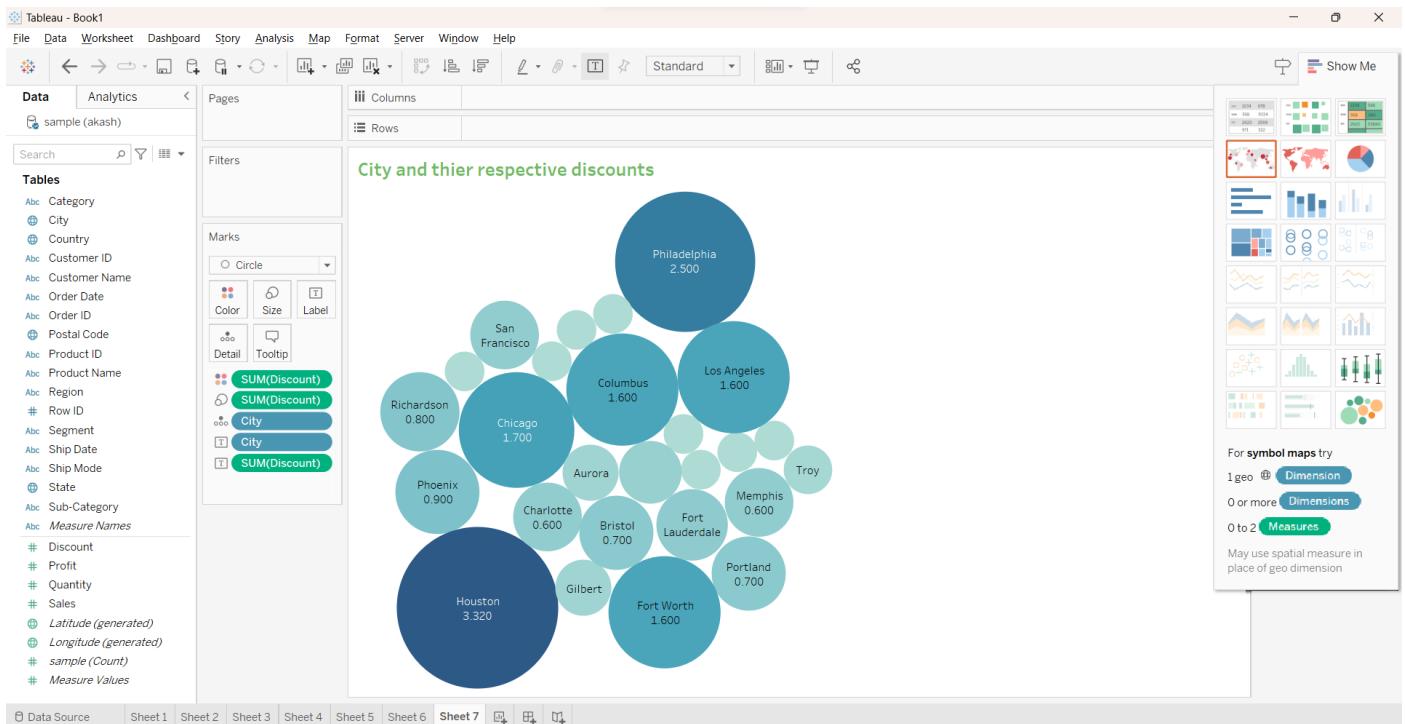
## PIE CHART:



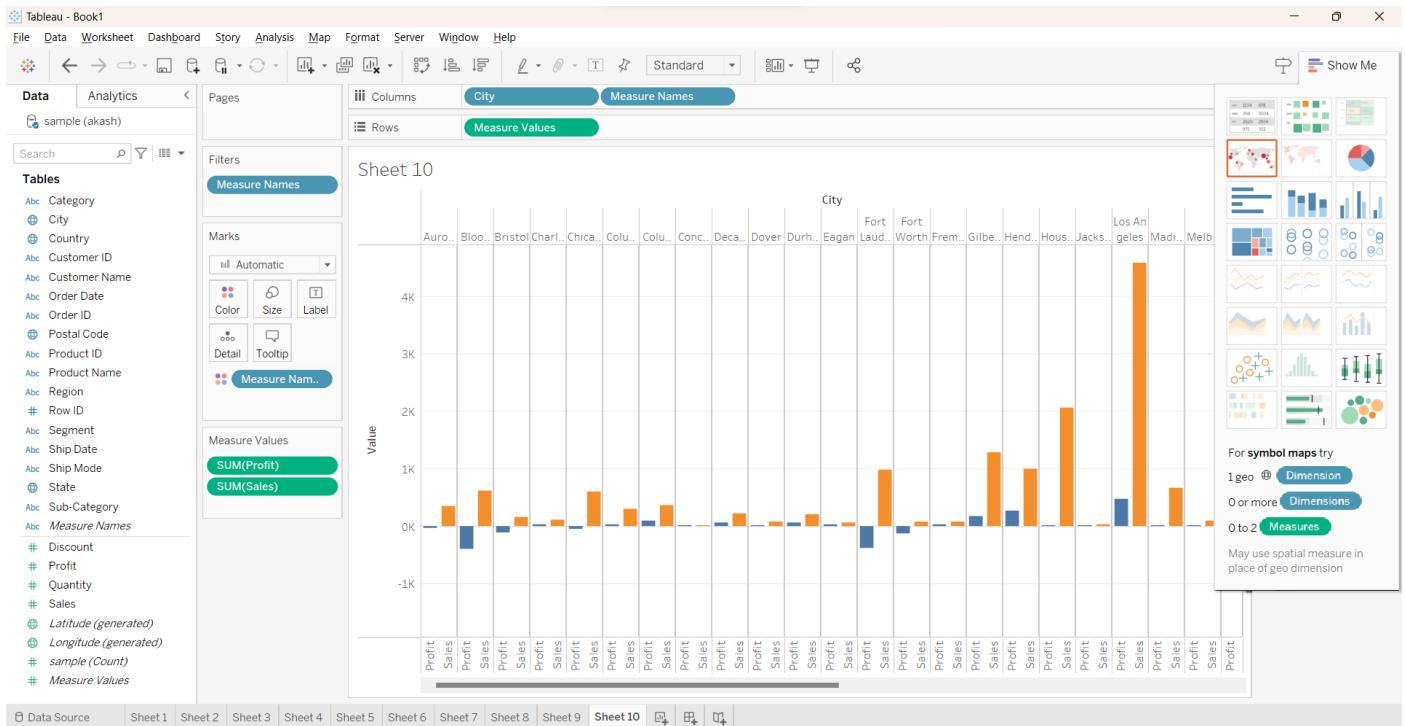
## HORIZONTAL BAR CHART:



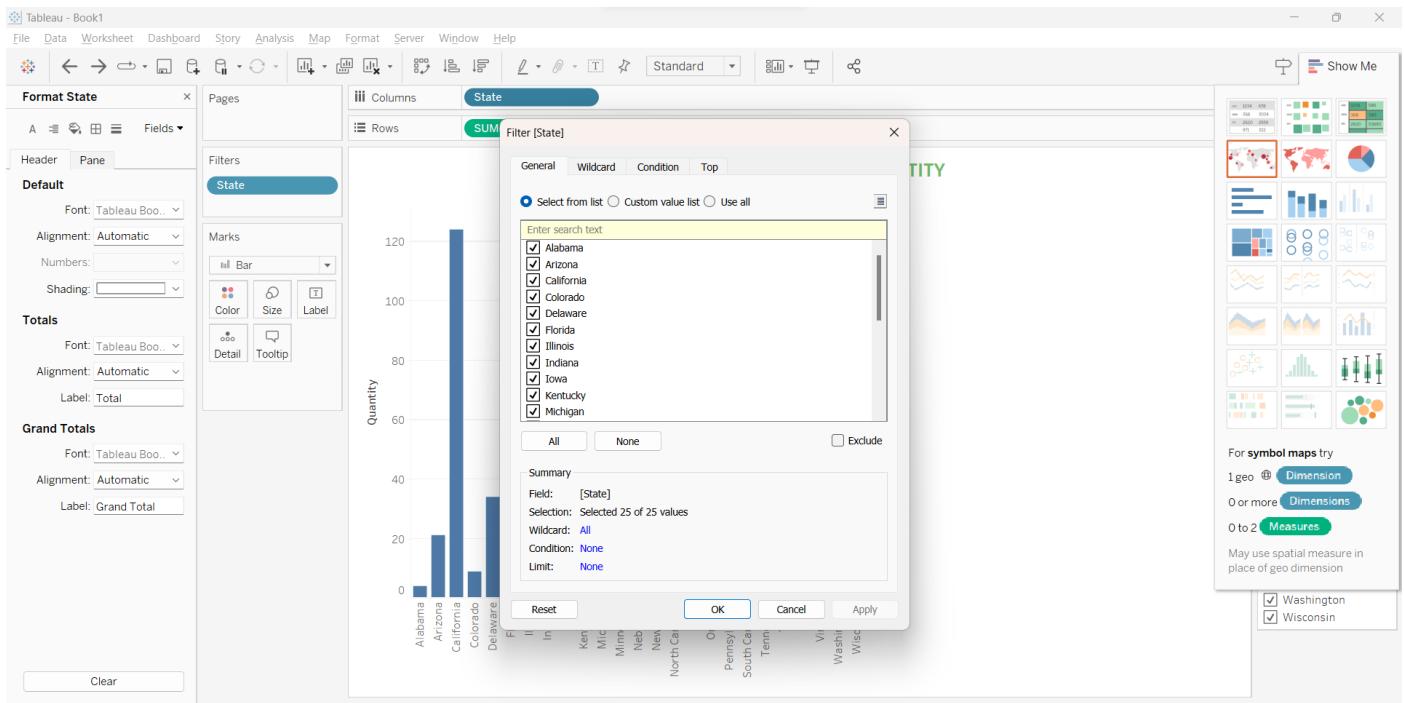
## BUBBLE:



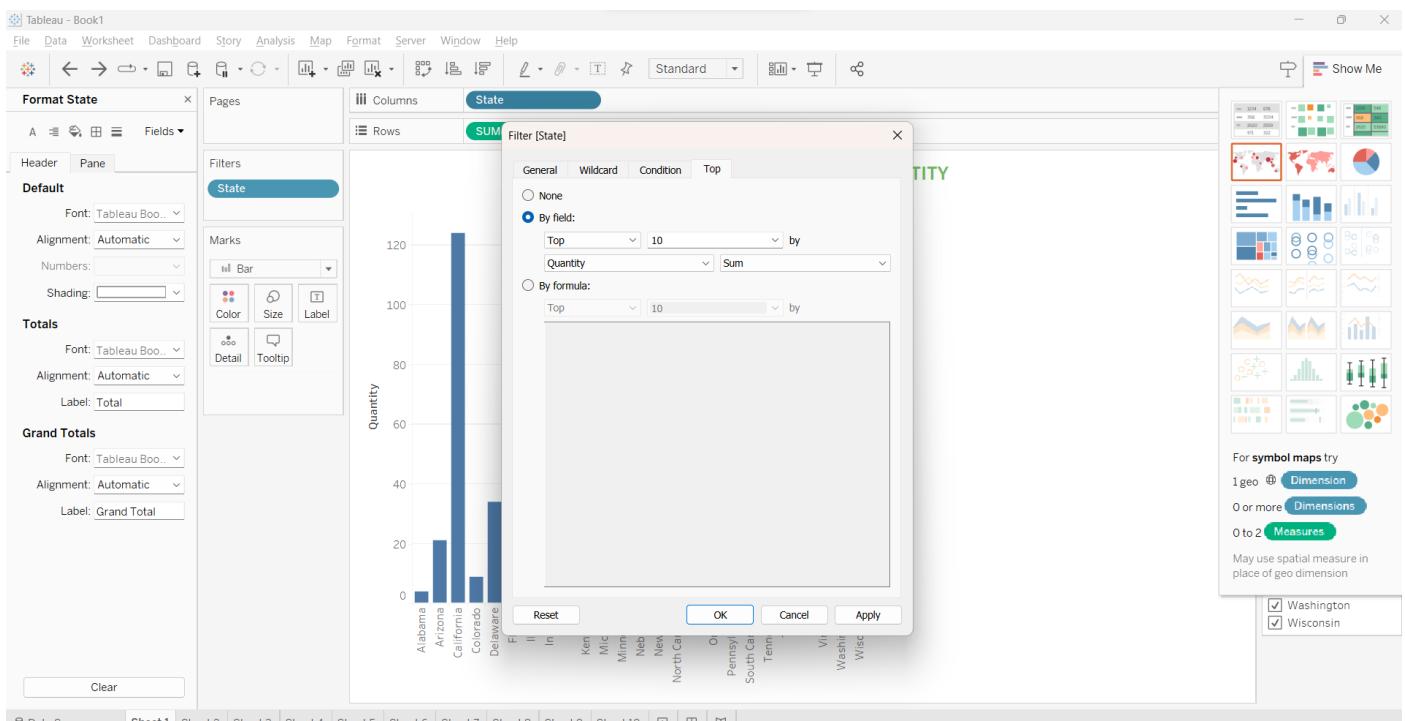
## Side-by-Side bars:



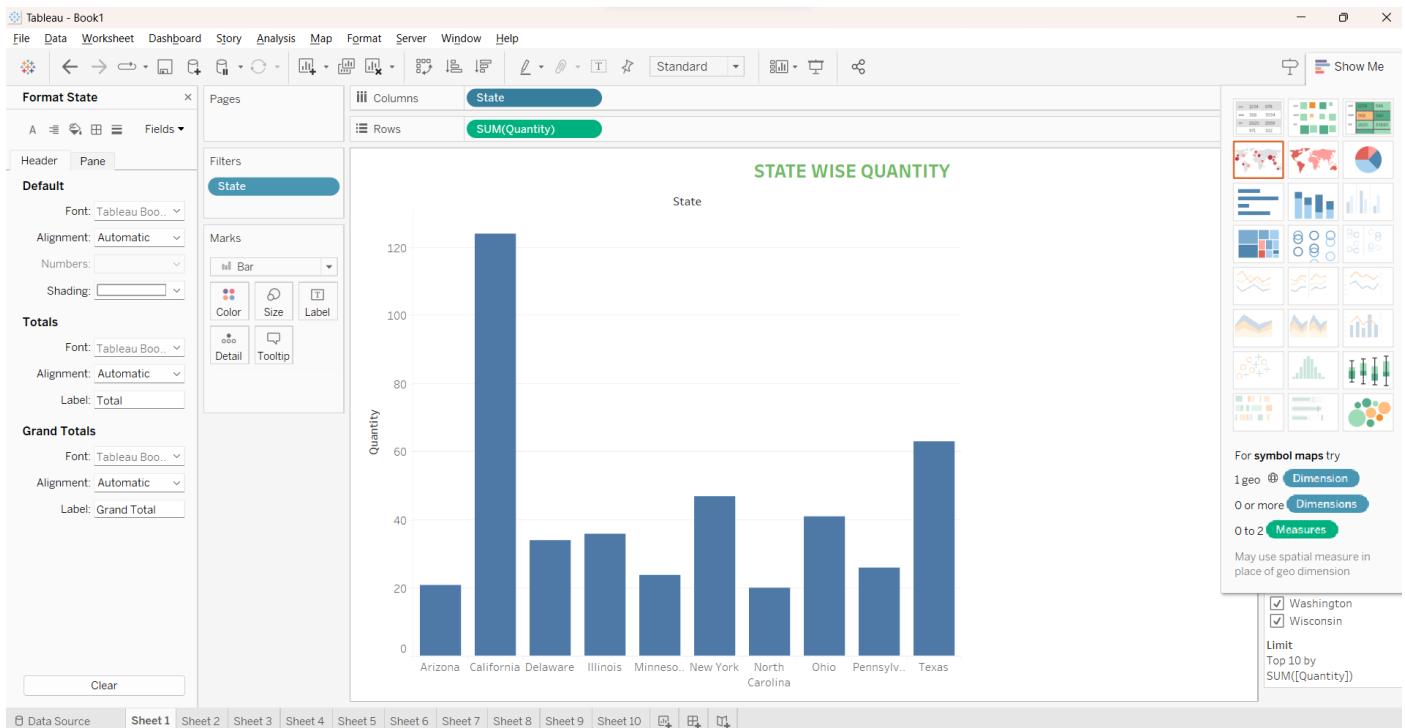
2). Apply dimension filter, context and measure filter on any of the three visualizations.



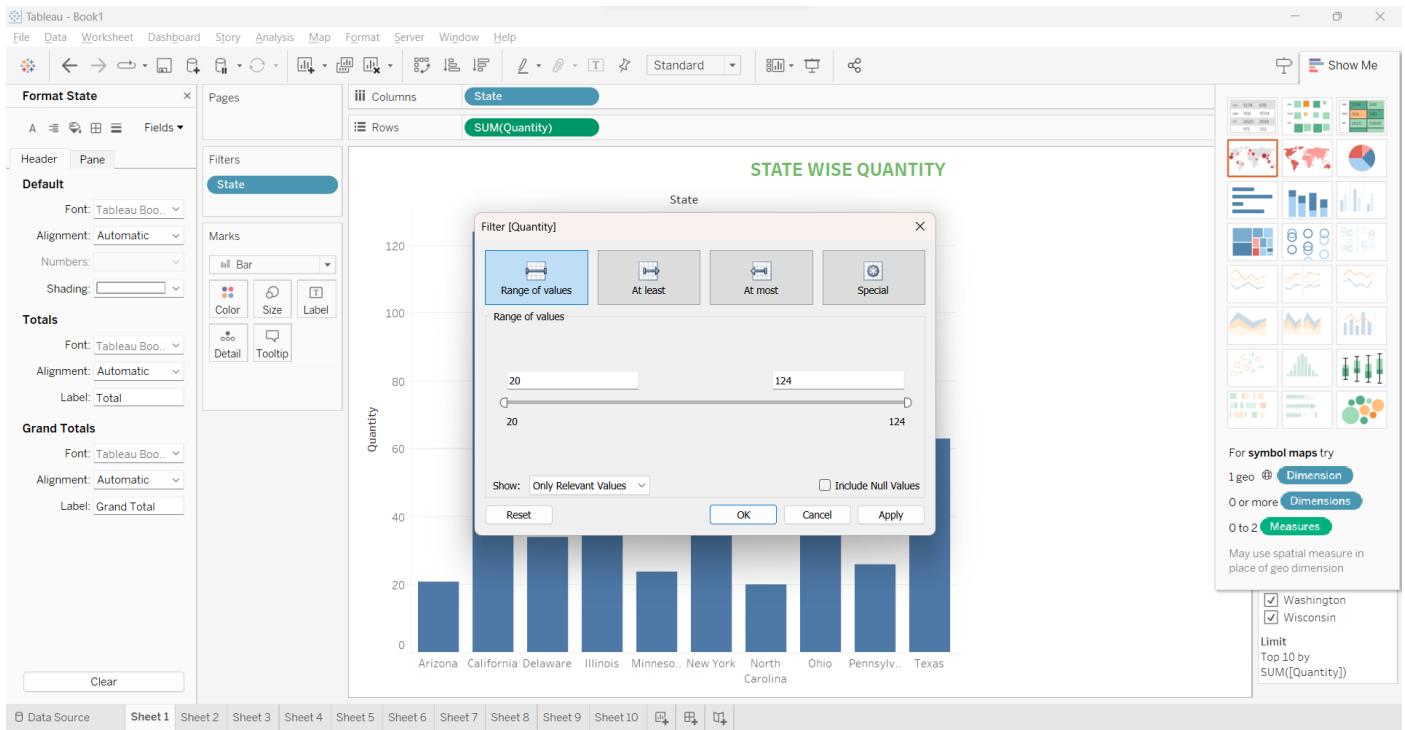
Let us now choose only top 10 values. We can also choose manually what all we want.



**Output:**

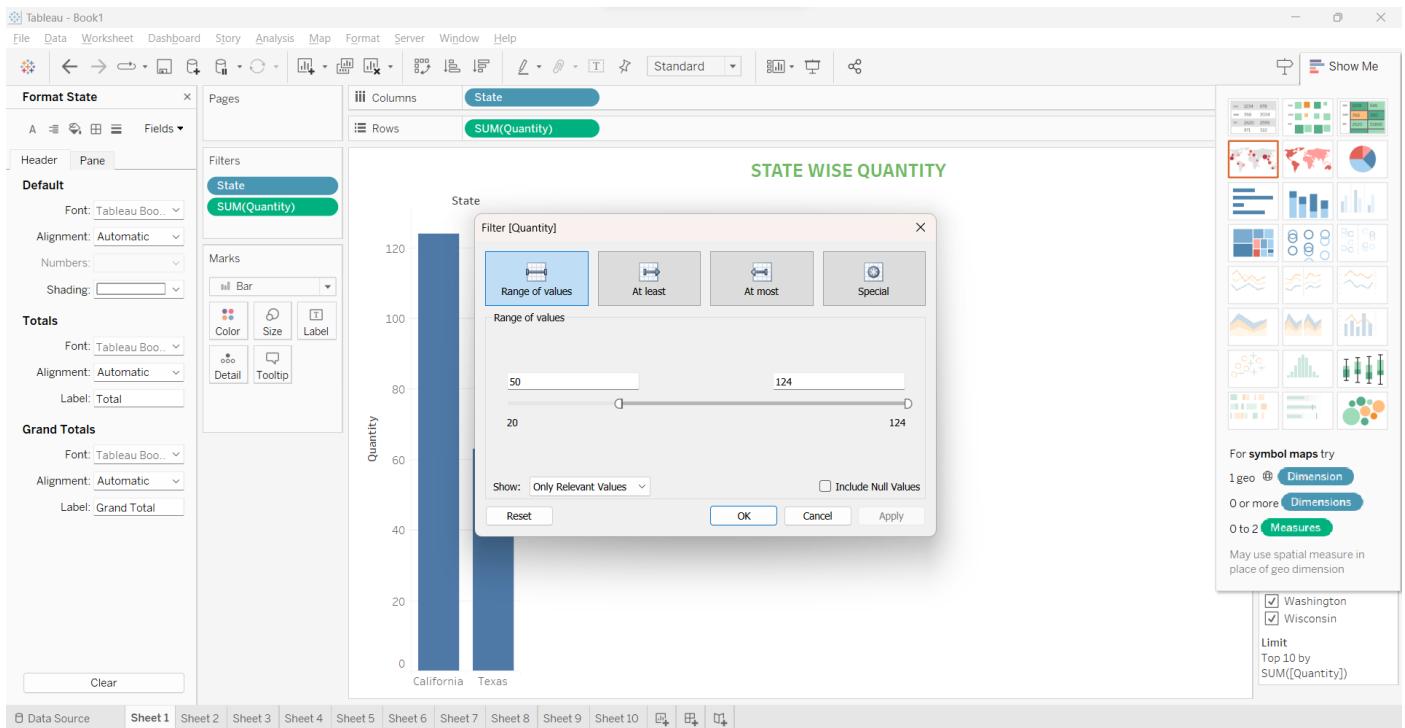


## MEASURE FILTER:

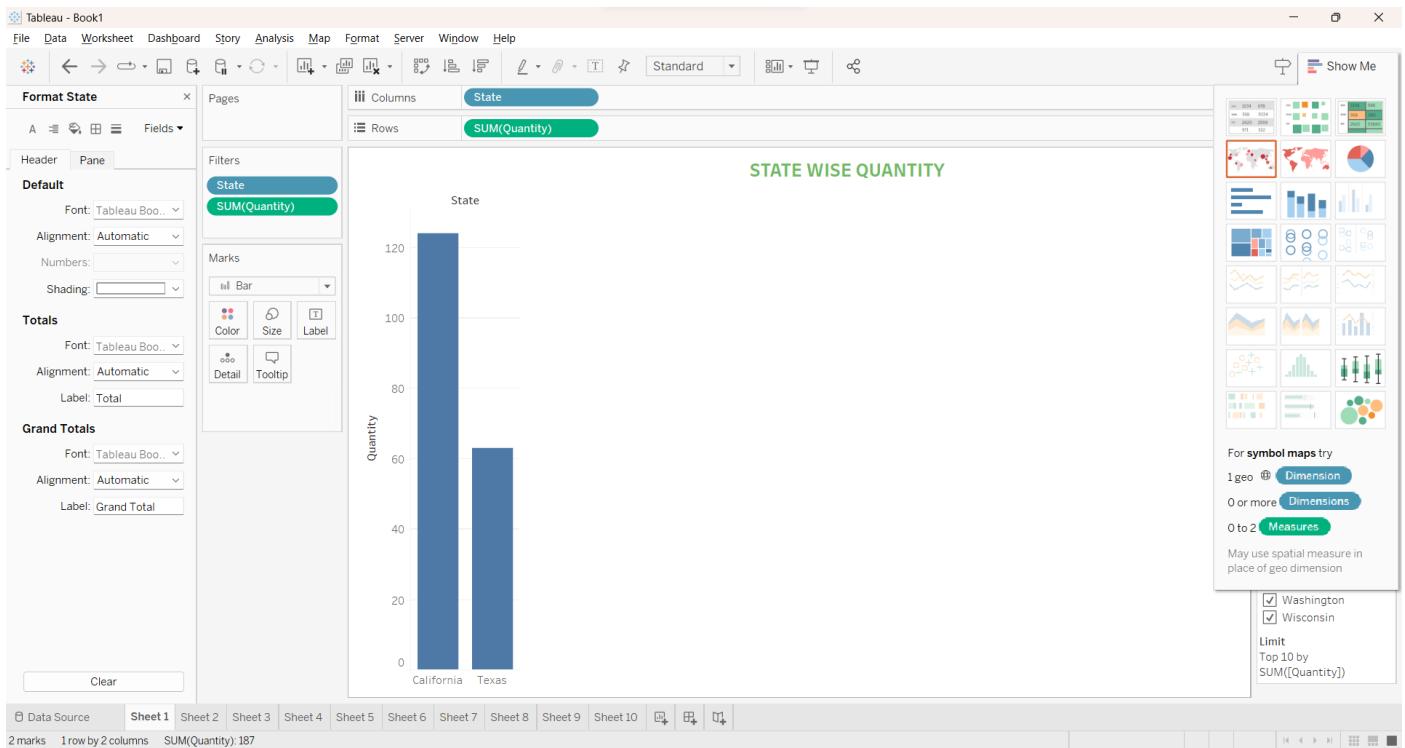


Now, we have to choose the range. We actually have 4 options. According to that we can do our needs.

We have given 50 and 124 as our values.



**Output will be:**



**CONTEXT FILTER:**

Tableau - Book1

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Data Analytics < sample (akash)

Search

**Tables**

- abc Category
- abc City
- abc Country
- abc Customer ID
- abc Customer Name
- abc Order Date
- abc Order ID
- abc Postal Code
- abc Product ID
- abc Product Name
- abc Region
- # Row ID
- abc Segment
- abc Ship Date
- abc Ship Mode
- abc State
- abc Sub-Category
- abc Measure Names
- # Discount
- # Profit
- # Quantity
- # Sales
- abc Latitude (generated)
- abc Longitude (generated)
- # sample (Count)
- # Measure Values

Pages Columns Rows

Filter [Category]

General Wildcard Condition Top

Select from list Custom value list Use all

Enter search text

Furniture  
 Office Supplies  
 Technology

All None  Exclude

Summary

Field: [Category]  
Selection: Selected 0 of 3 values  
Wildcard: All  
Condition: None  
Limit: None

Reset OK Cancel Apply

Show Me

Select or drag data  
Use the Shift or Ctrl key to select multiple fields

Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Sheet 10 Sheet 11

## CONTEXT:

Tableau - Book1

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Data Analytics < sample (akash)

Search

**Tables**

- abc Category
- abc City
- abc Country
- abc Customer ID
- abc Customer Name
- abc Order Date
- abc Order ID
- abc Postal Code
- abc Product ID
- abc Product Name
- abc Region
- # Row ID
- abc Segment
- abc Ship Date
- abc Ship Mode
- abc State
- abc Sub-Category
- abc Measure Names
- # Discount
- # Profit
- # Quantity
- # Sales
- abc Latitude (generated)
- abc Longitude (generated)
- # sample (Count)
- # Measure Values

Pages Columns **SUM(Sales)** Rows Sub-Category

Filters Category

- Edit Filter...
- Show Filter
- Clear Filter
- Add to Context **Add to Context**
- Apply to Worksheets
- Create Set...
- Dimension
- Attribute
- Measure
- Remove

Sheet 11

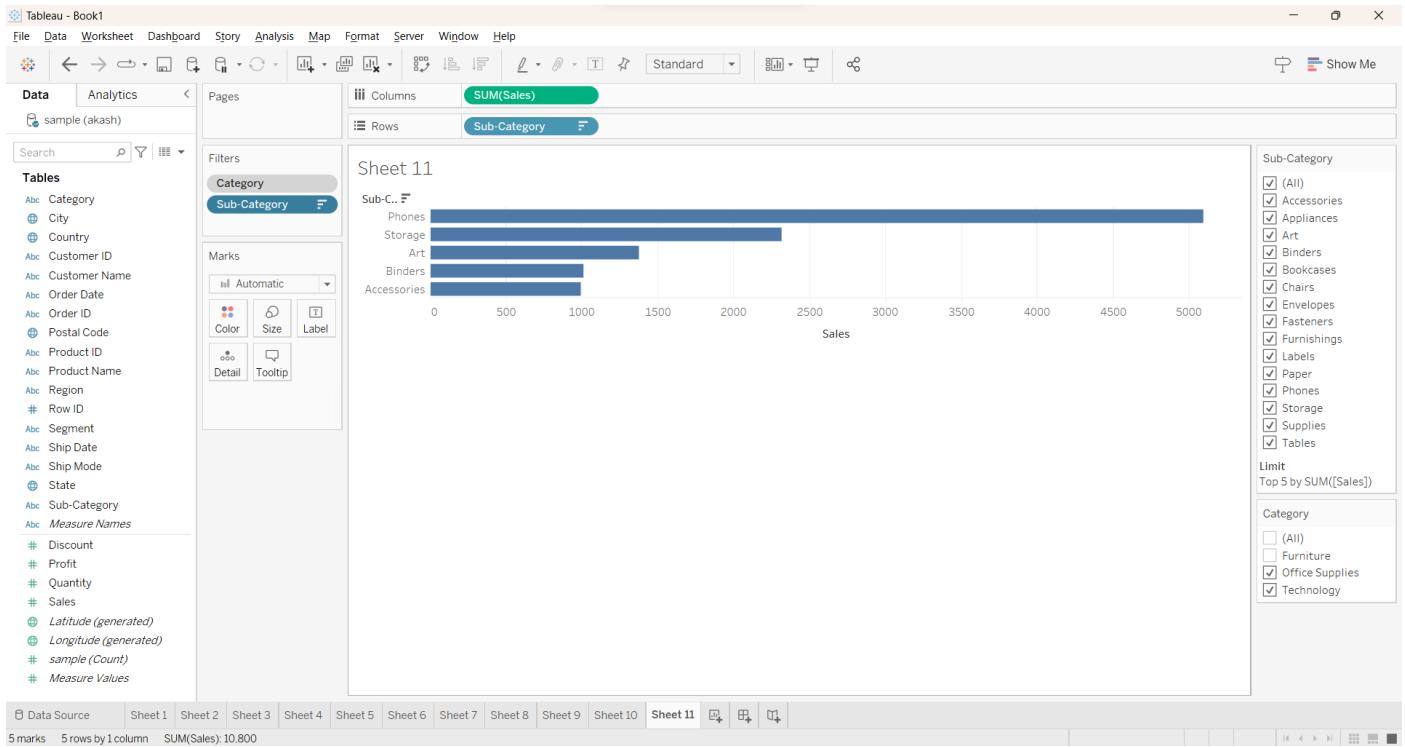
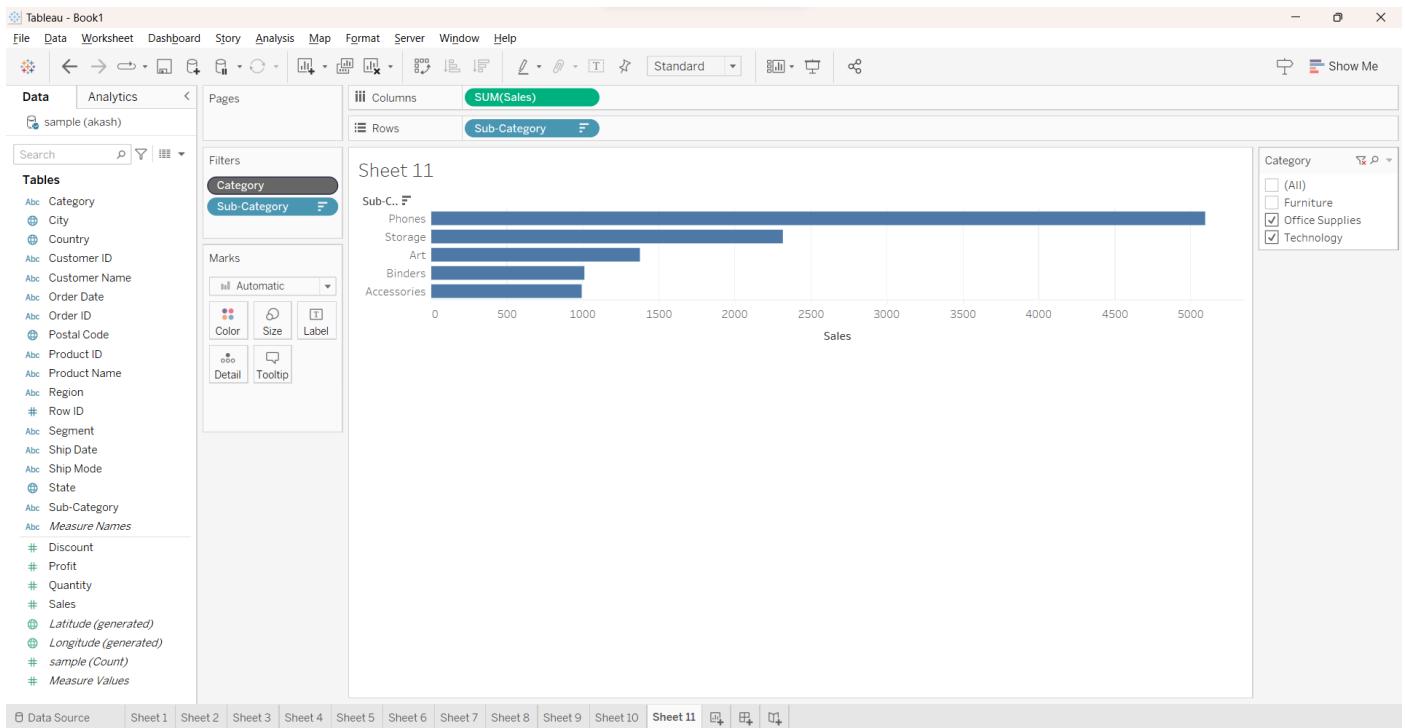
Tables

| Category  | Sales |
|-----------|-------|
| Tables    | ~5000 |
| Phones    | ~4000 |
| Bookcases | ~3800 |
| Chairs    | ~3500 |
| Storage   | ~2500 |

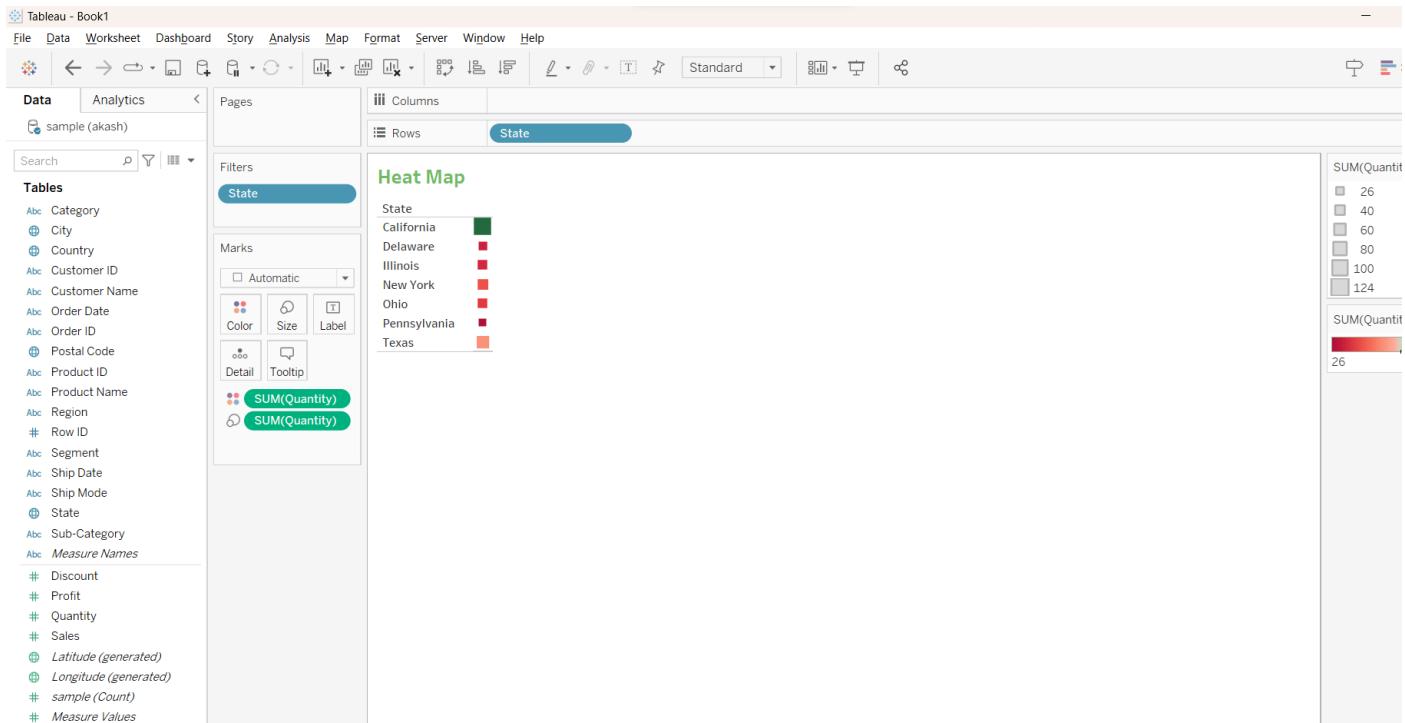
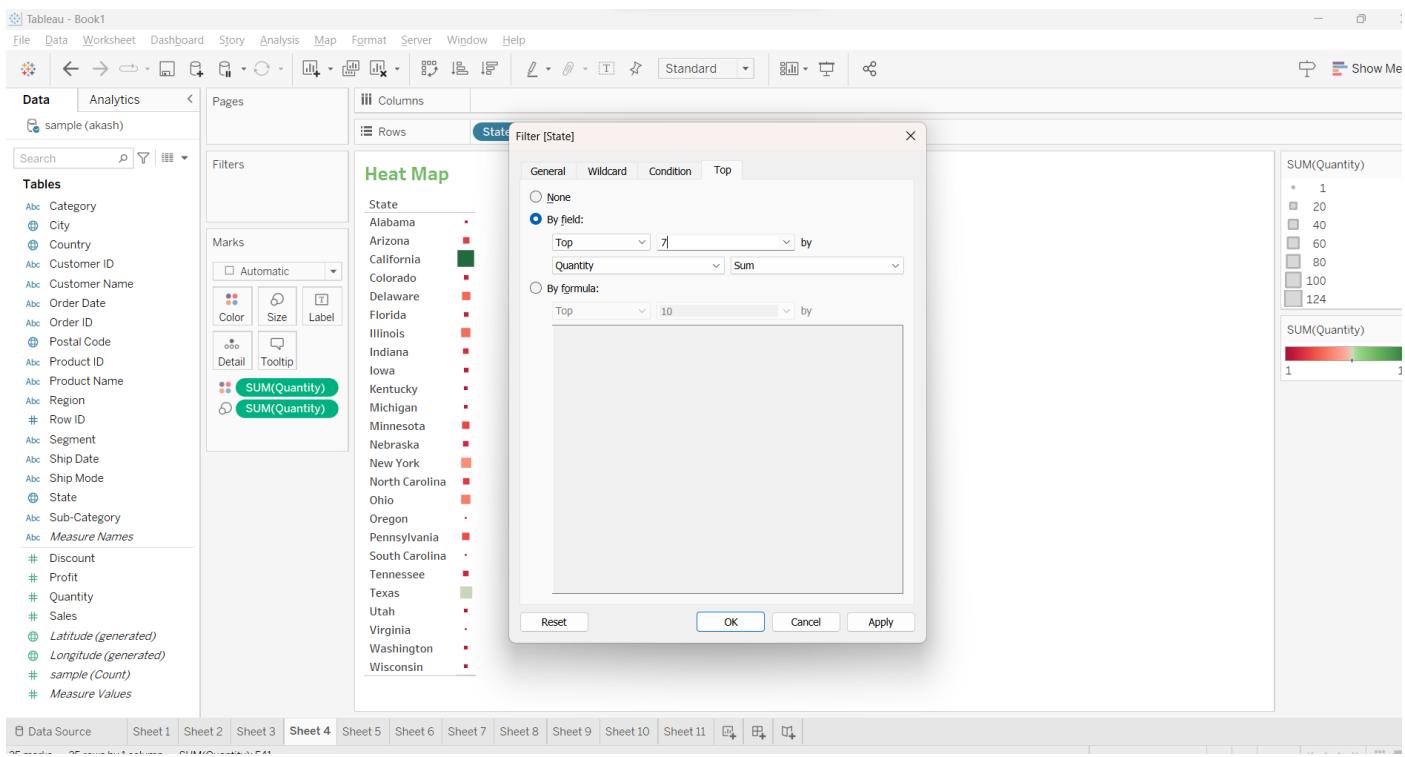
Category

- (All)
- Furniture
- Office Supplies
- Technology

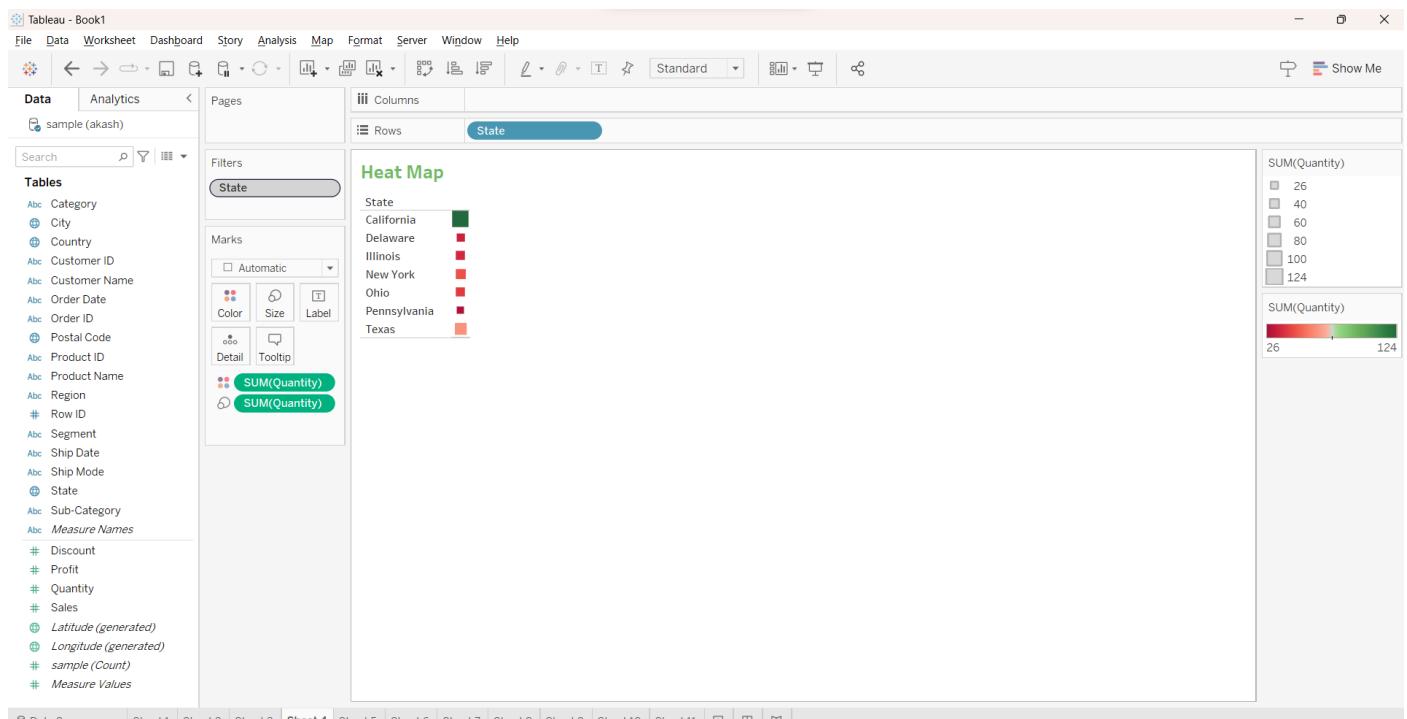
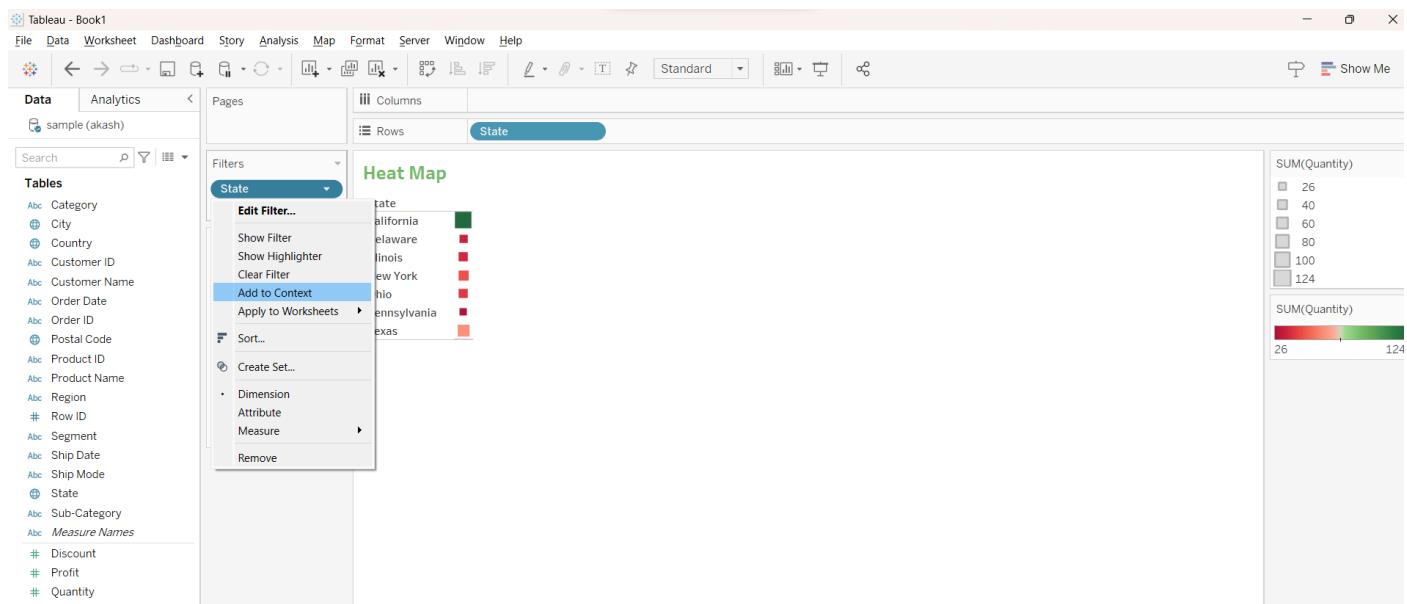
Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Sheet 10 Sheet 11



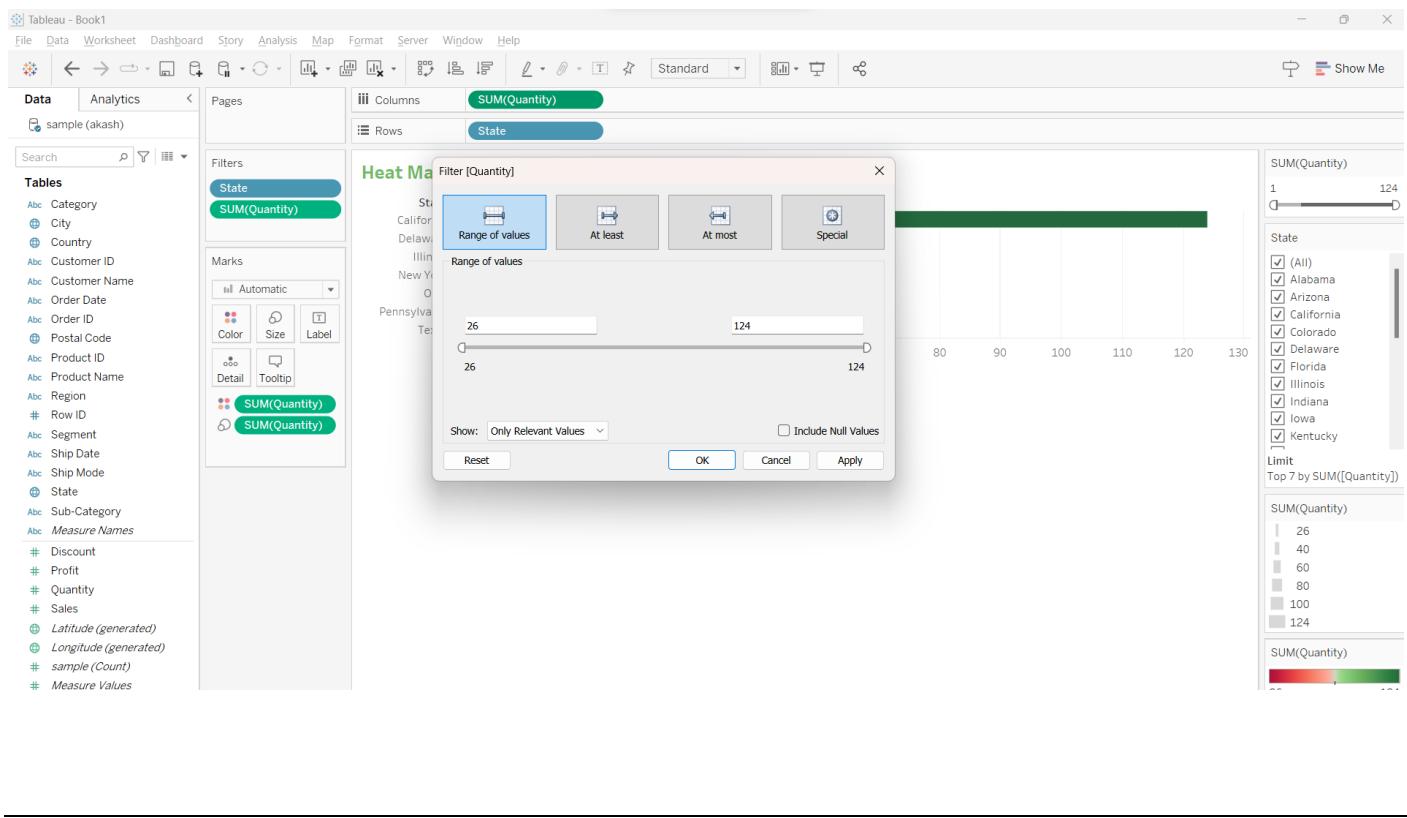
Next, Let us look into the 2<sup>nd</sup> Visualization:



**CONTEXT FILTER:**

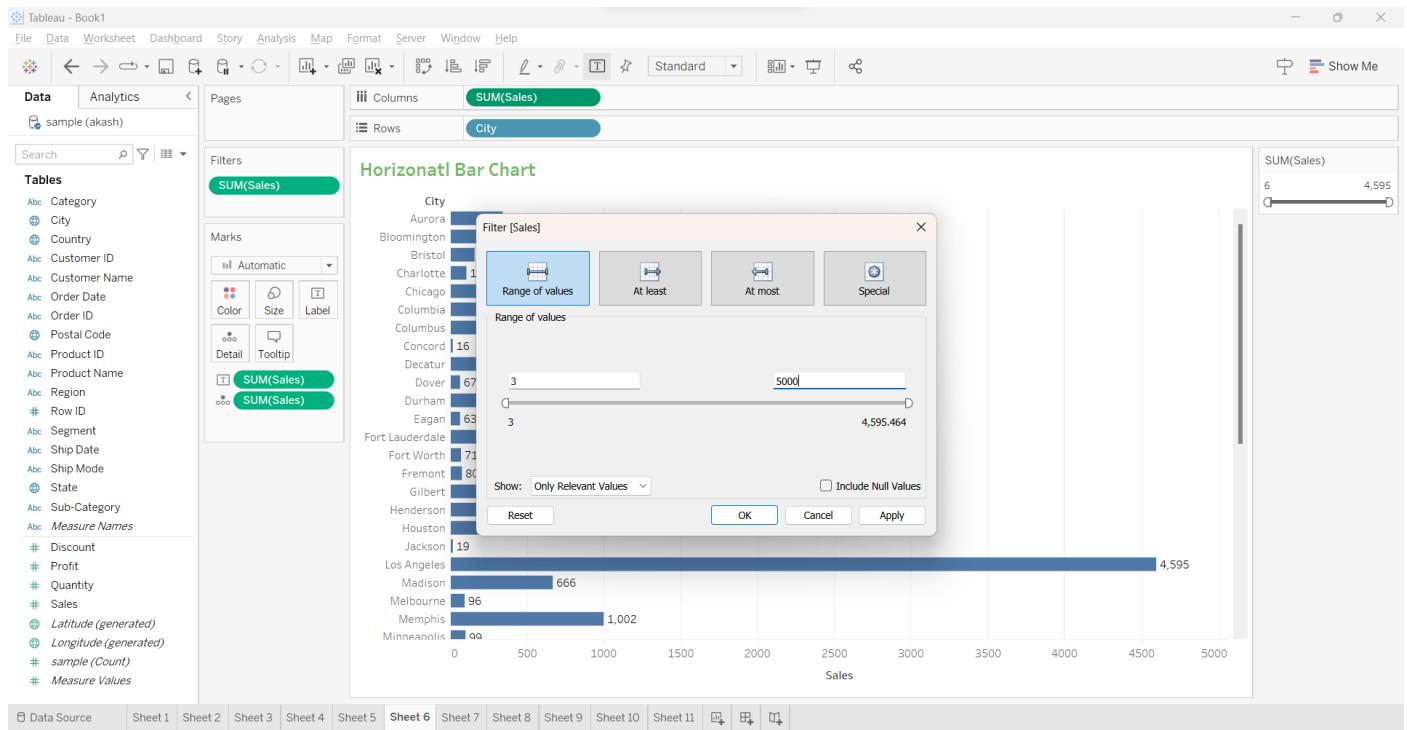


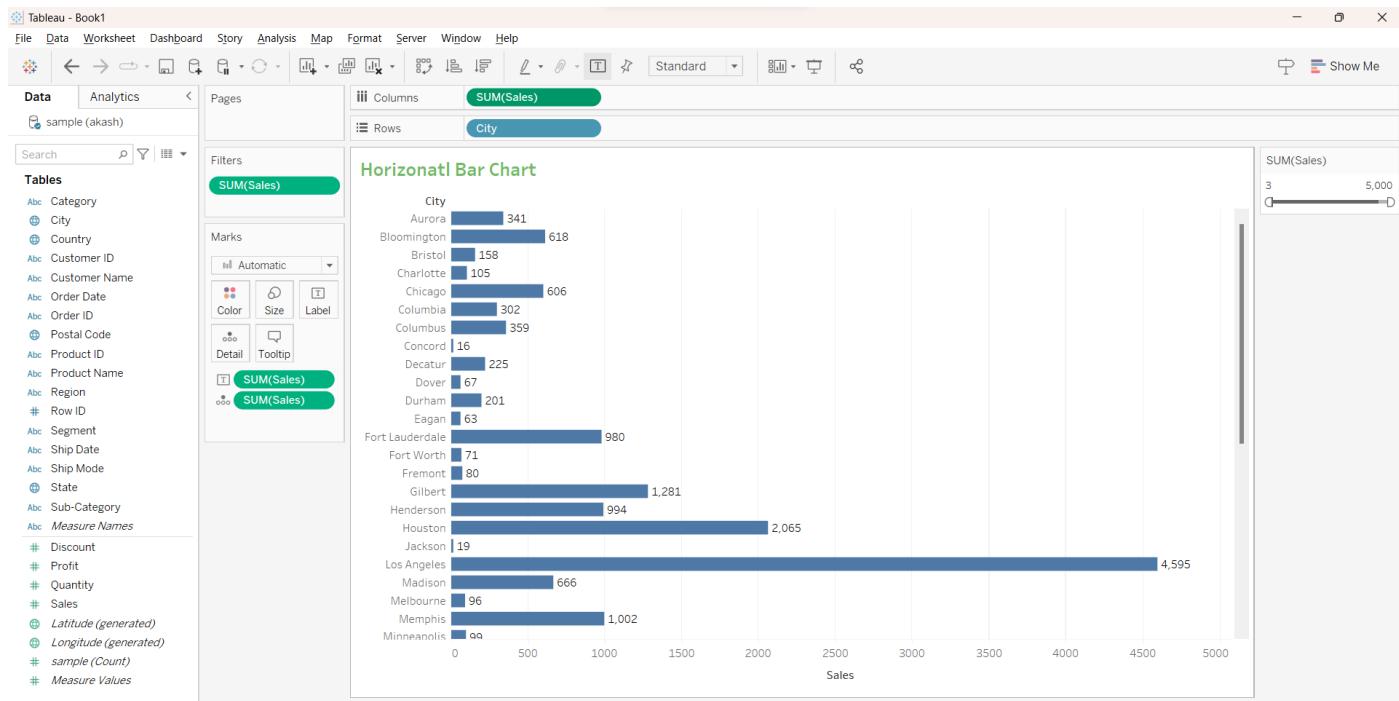
**MEASURE FILTER:**



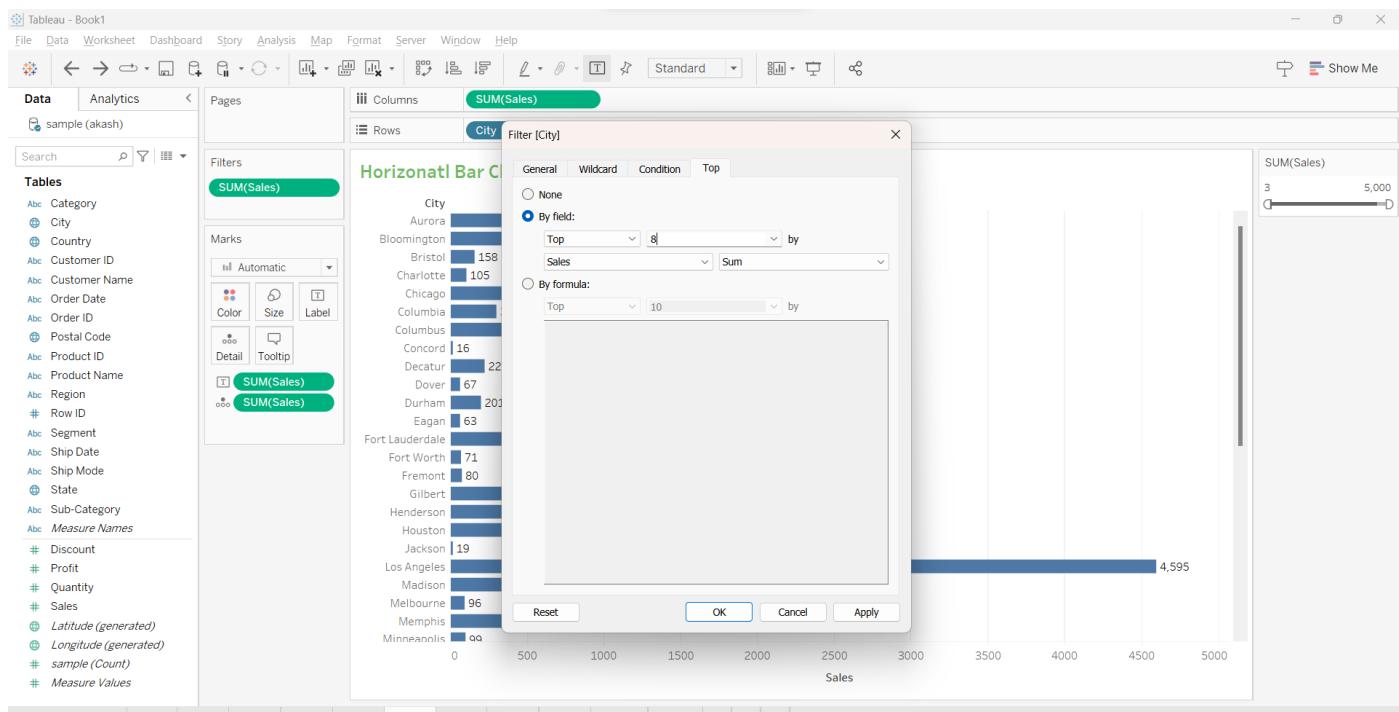
Now, let us look at the 3<sup>rd</sup> Visualization.

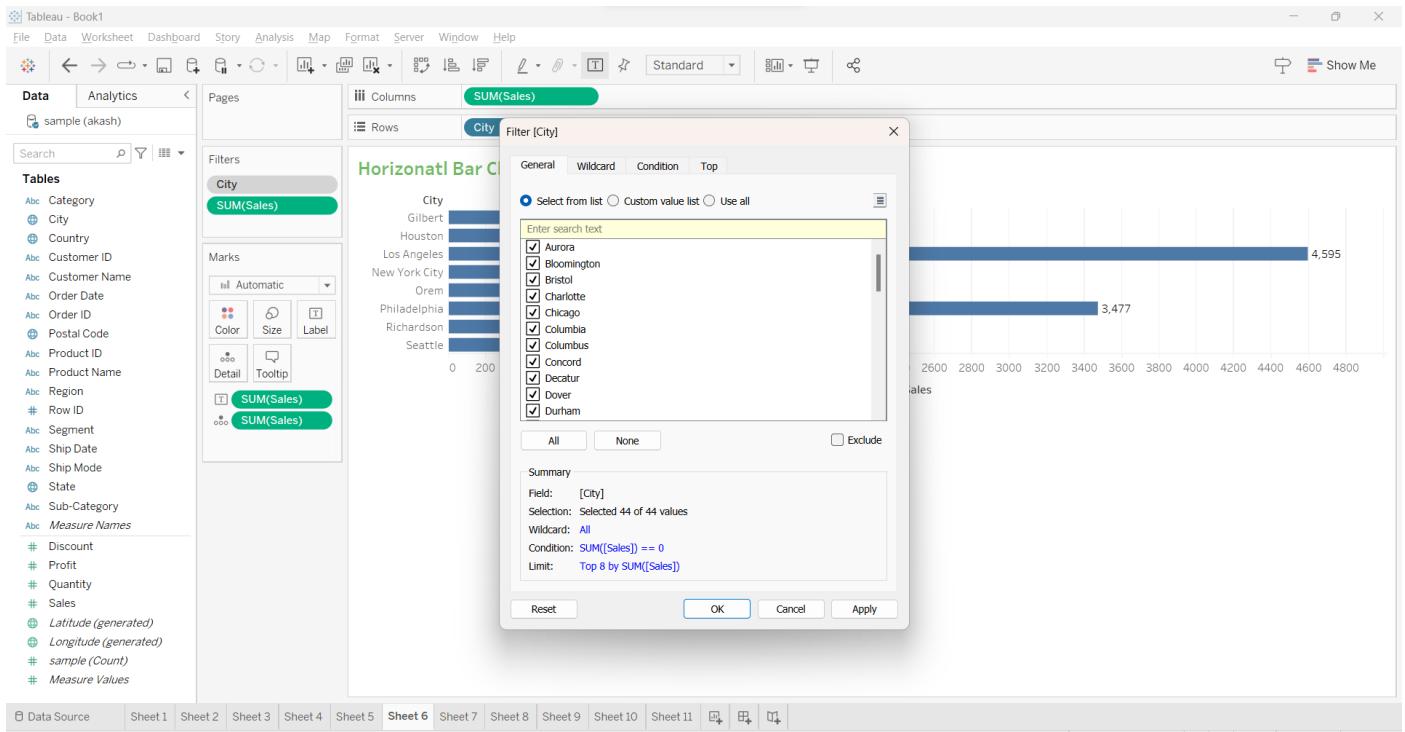
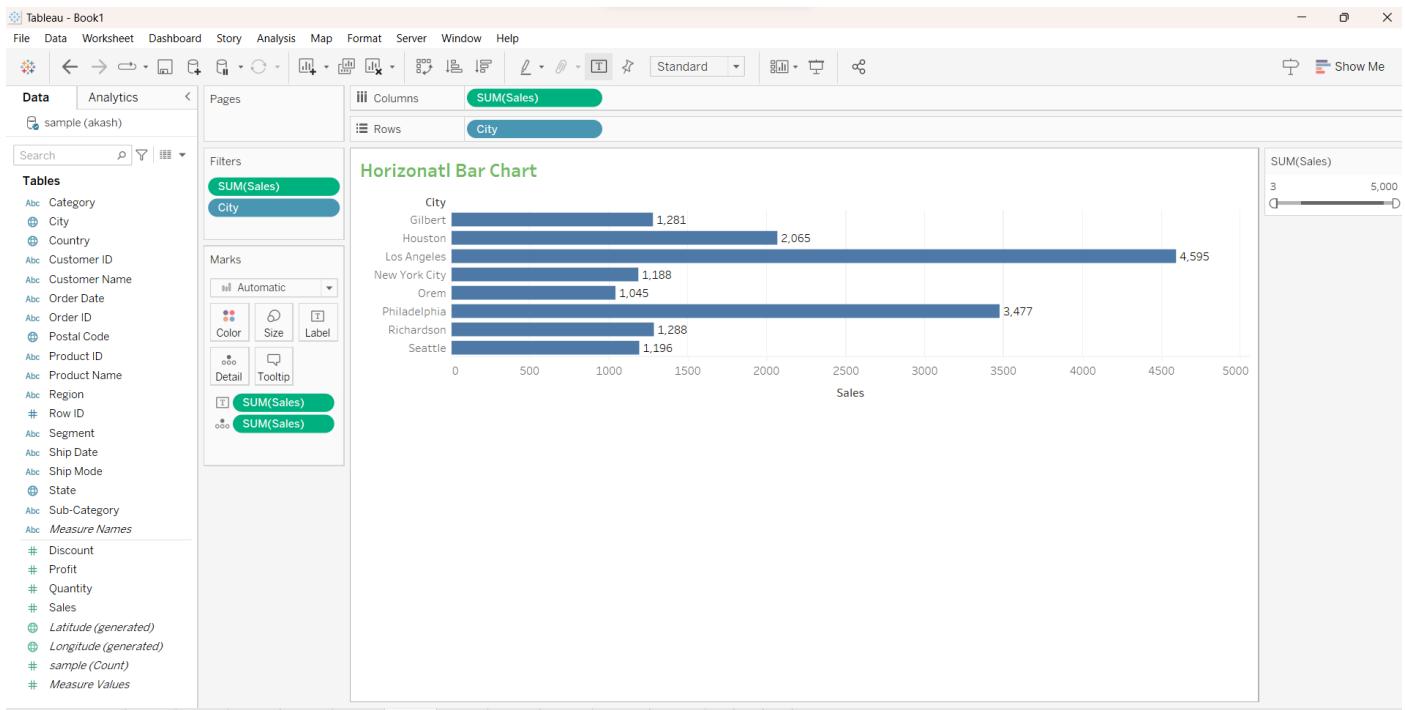
## MEASURE FILTER:



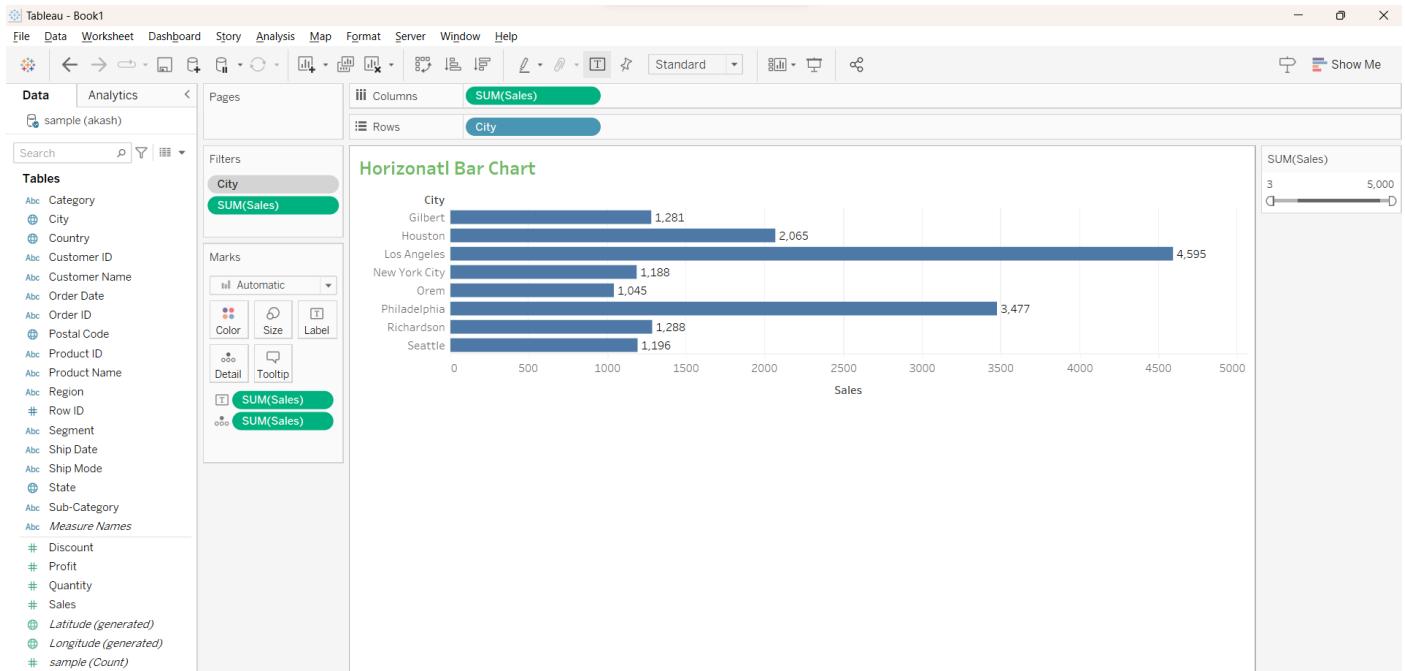
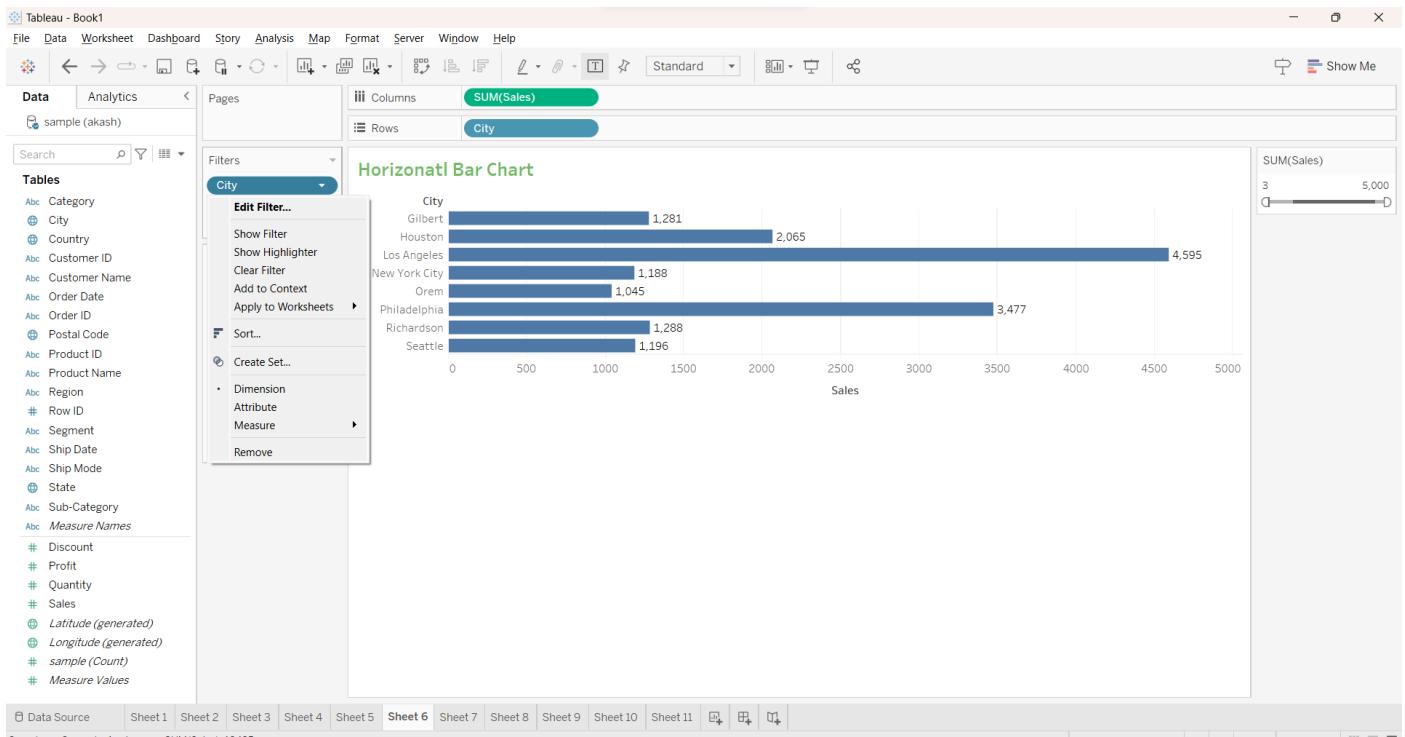


## DIMENSION FILTER:





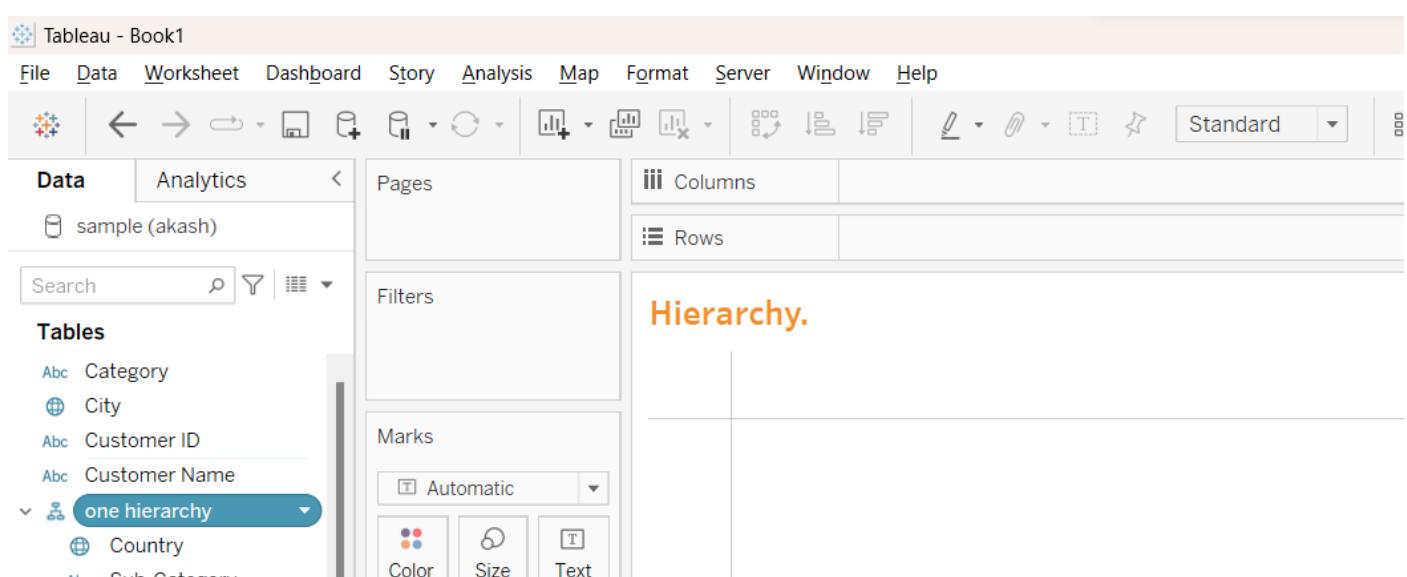
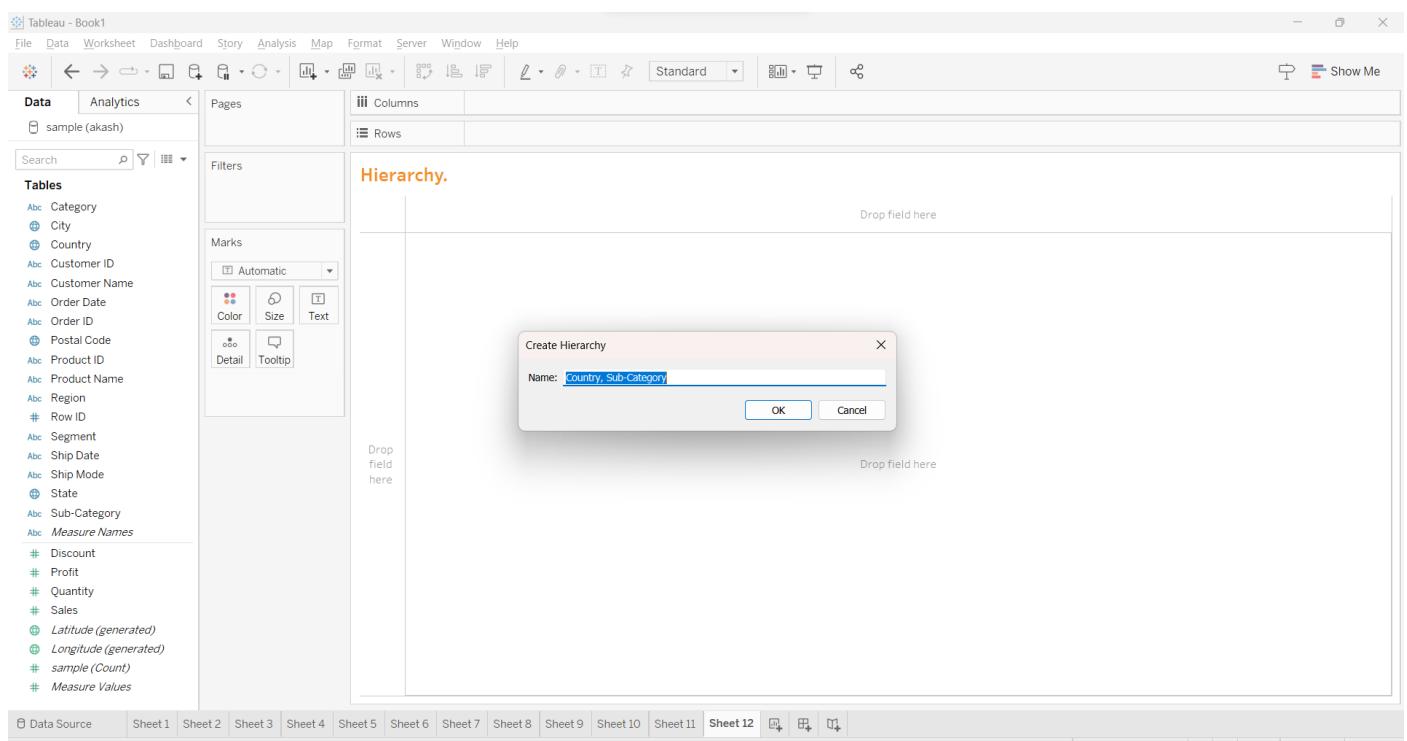
CONTEXT FILTER:



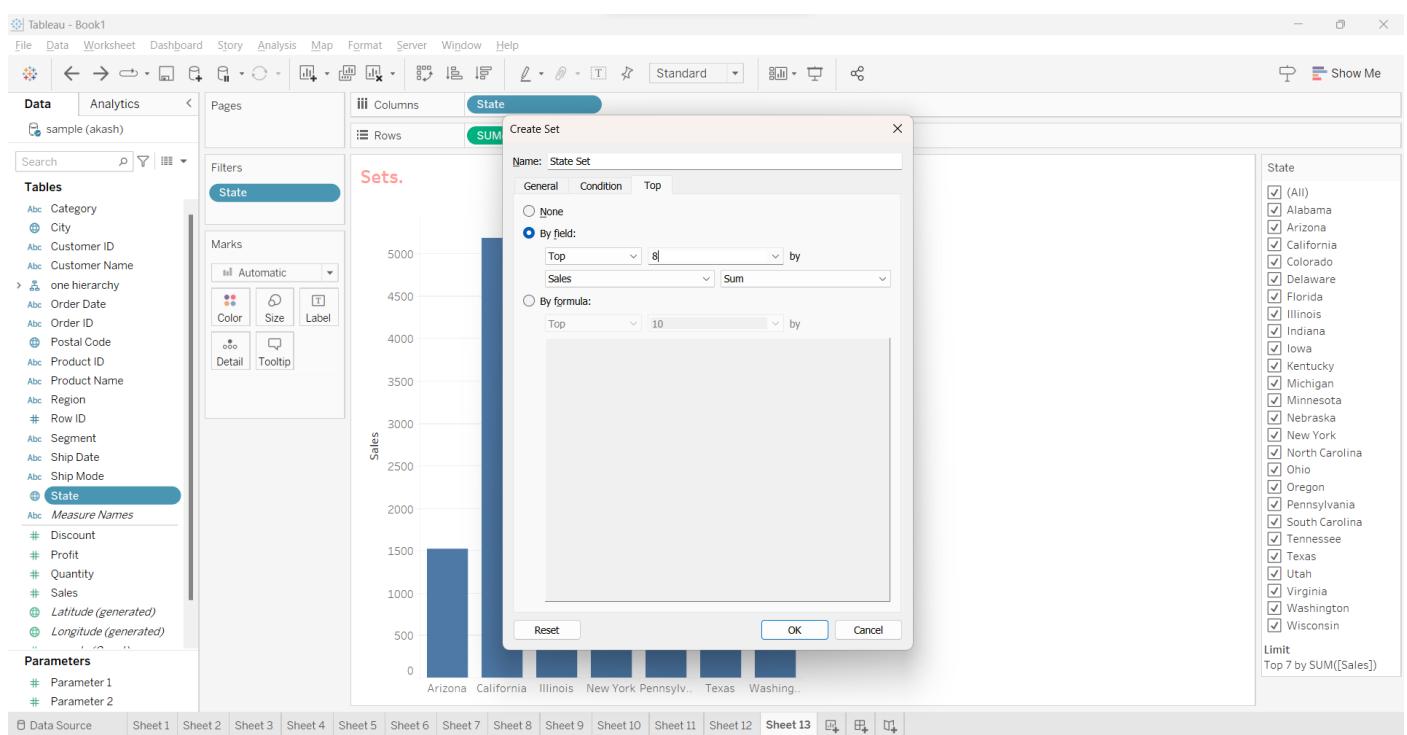
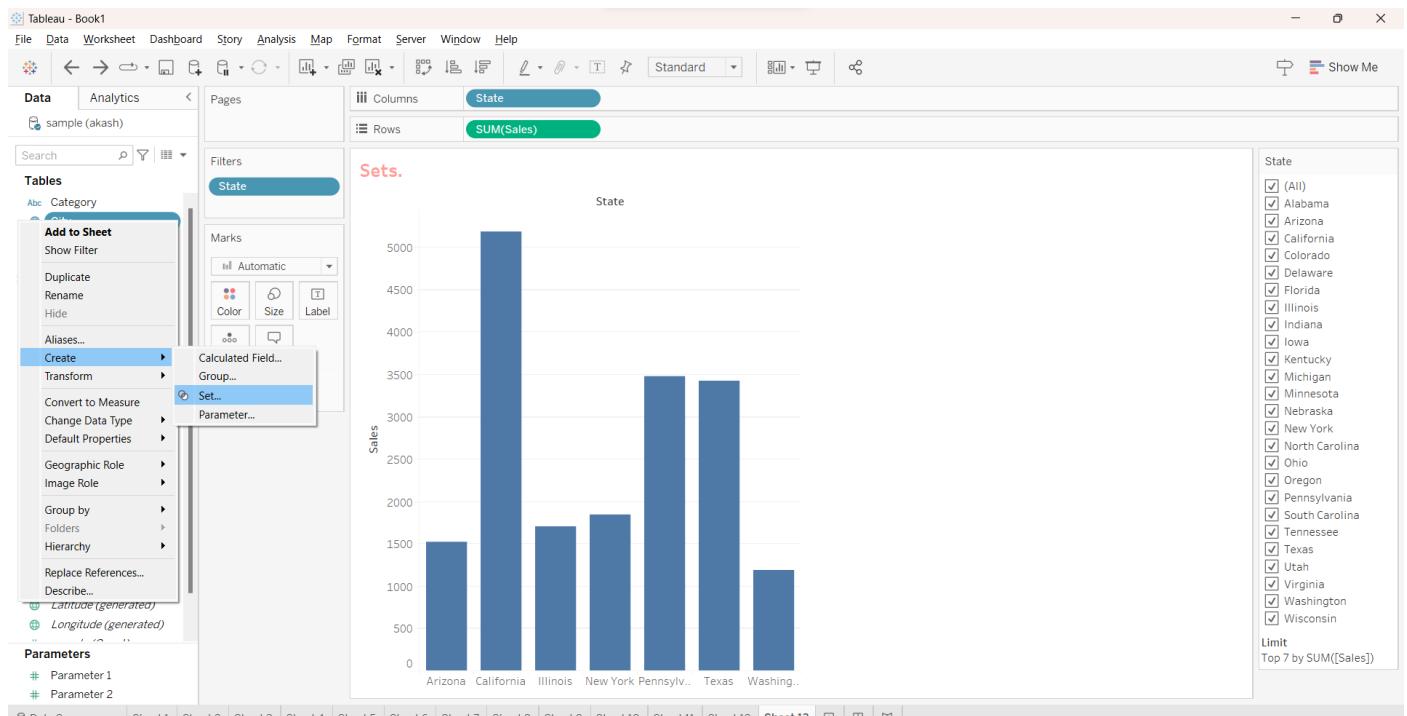
3). Perform the following data manipulations on your dataset.

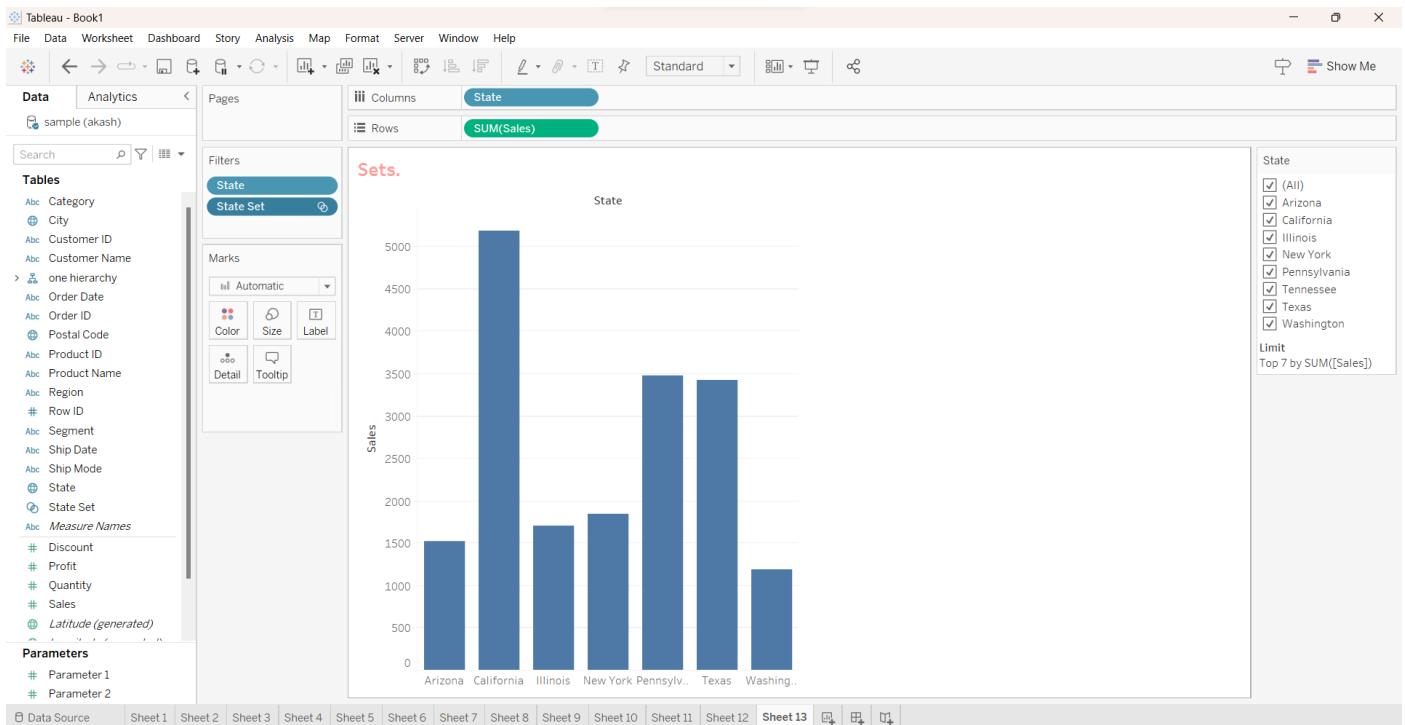
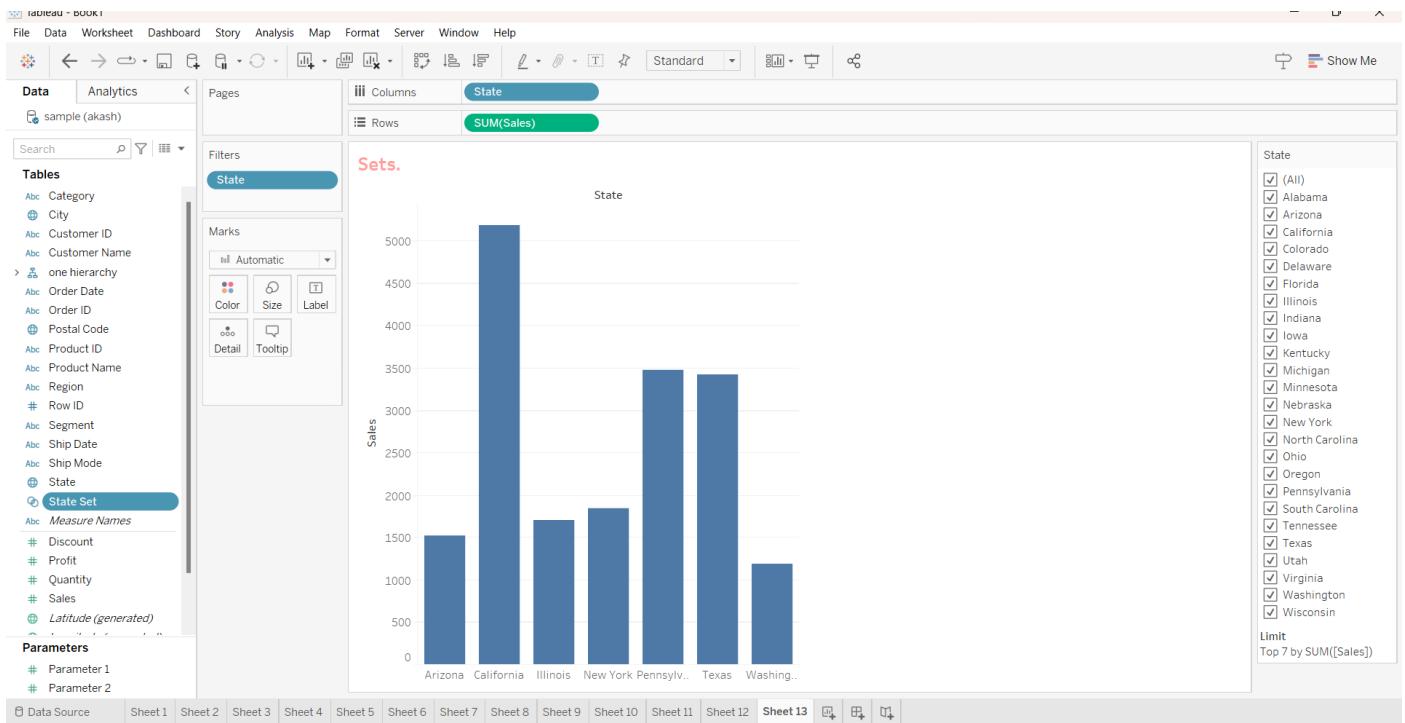
- Create a hierarchy.
- Create a set.
- Create a group.

### Creating a Hierarchy



## Creating a Set:





Creating a Group:

