

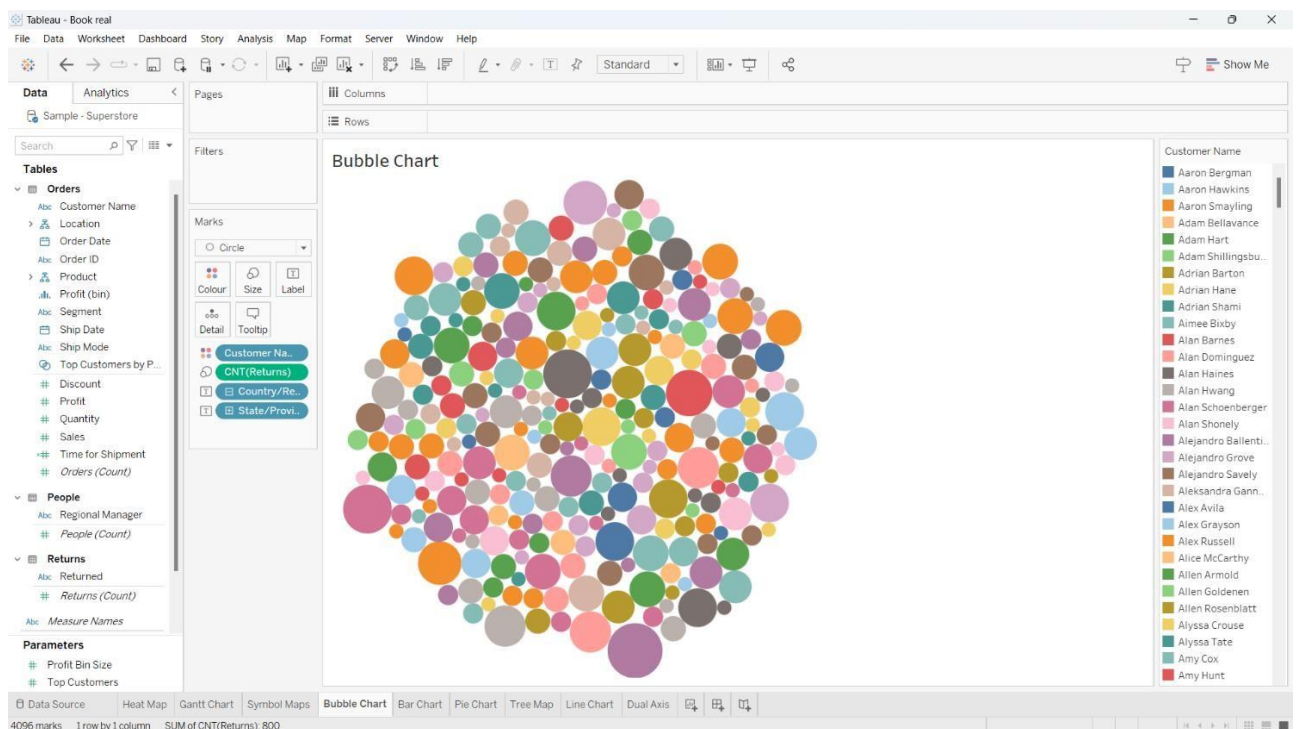
Name –Harshit Dwivedi

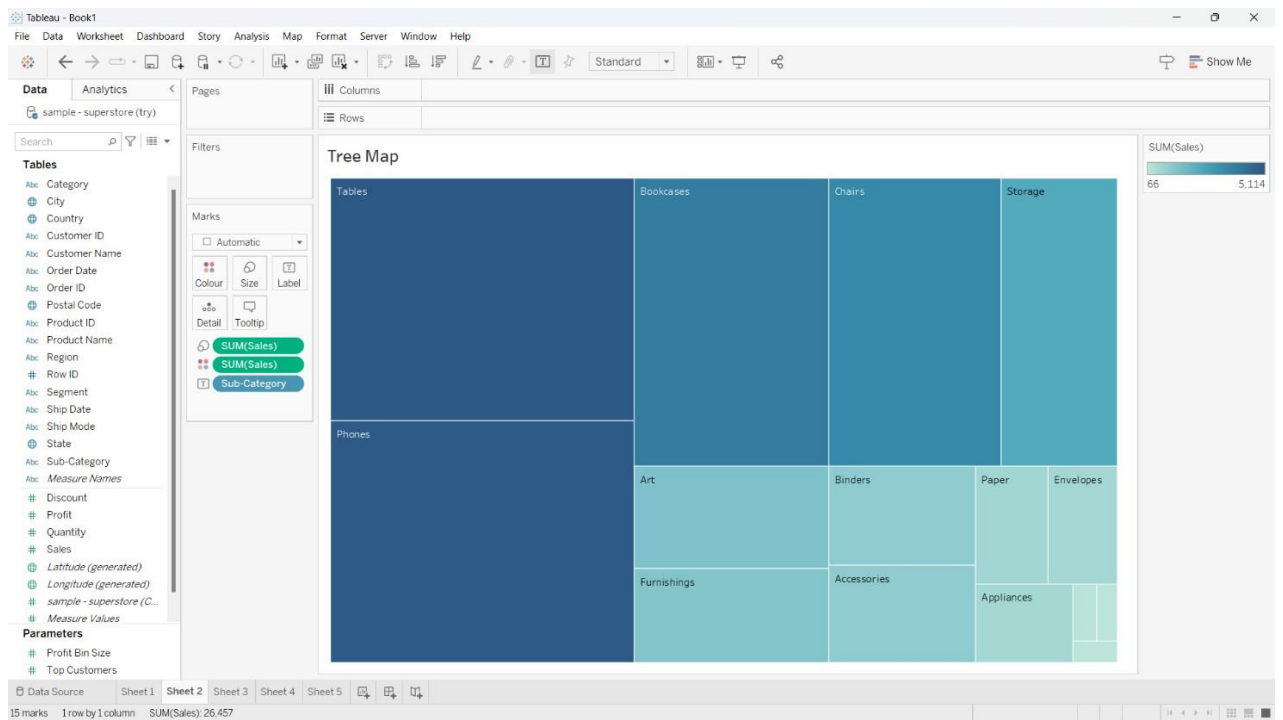
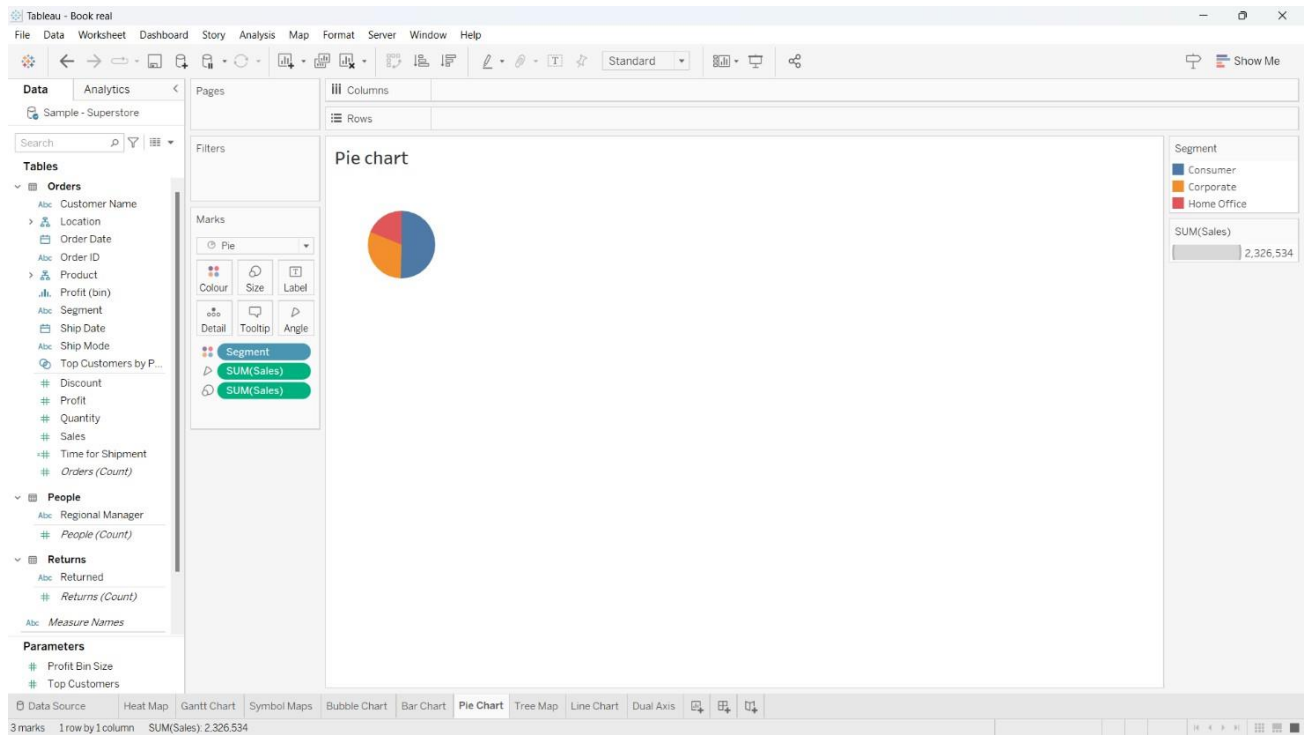
Reg no – 20BCE11082

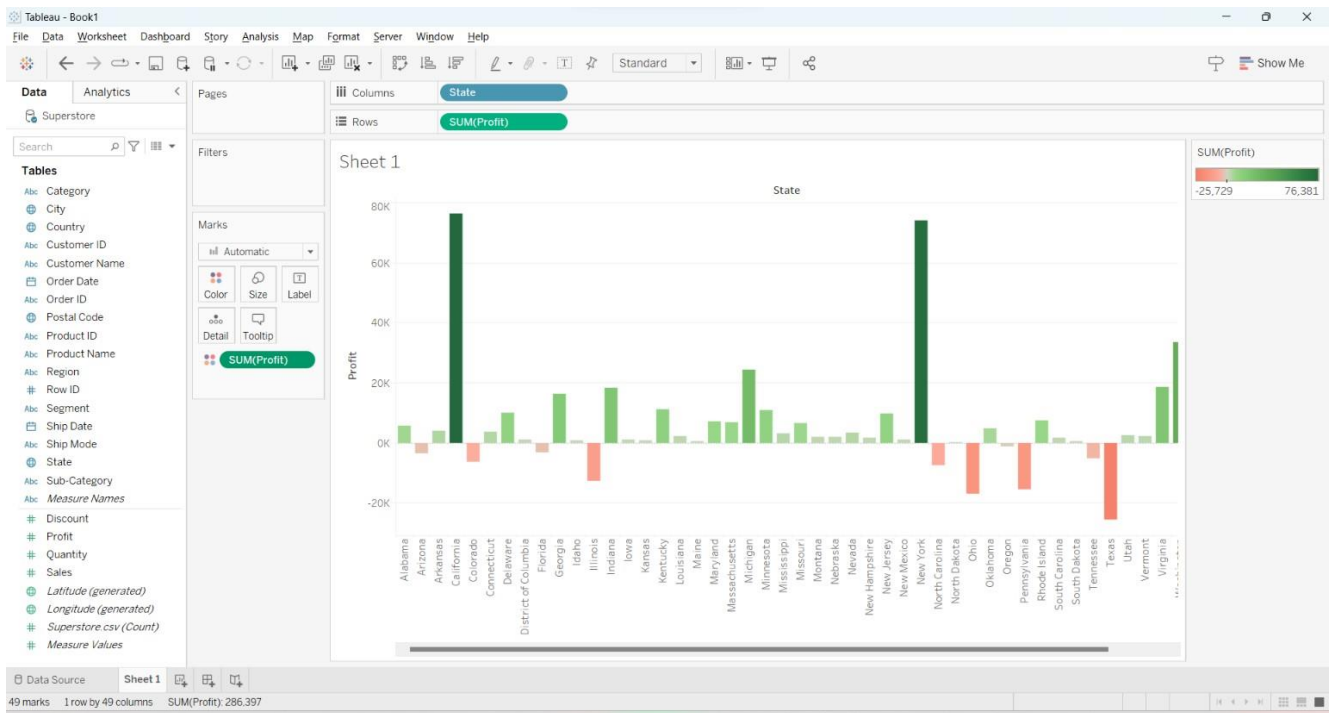
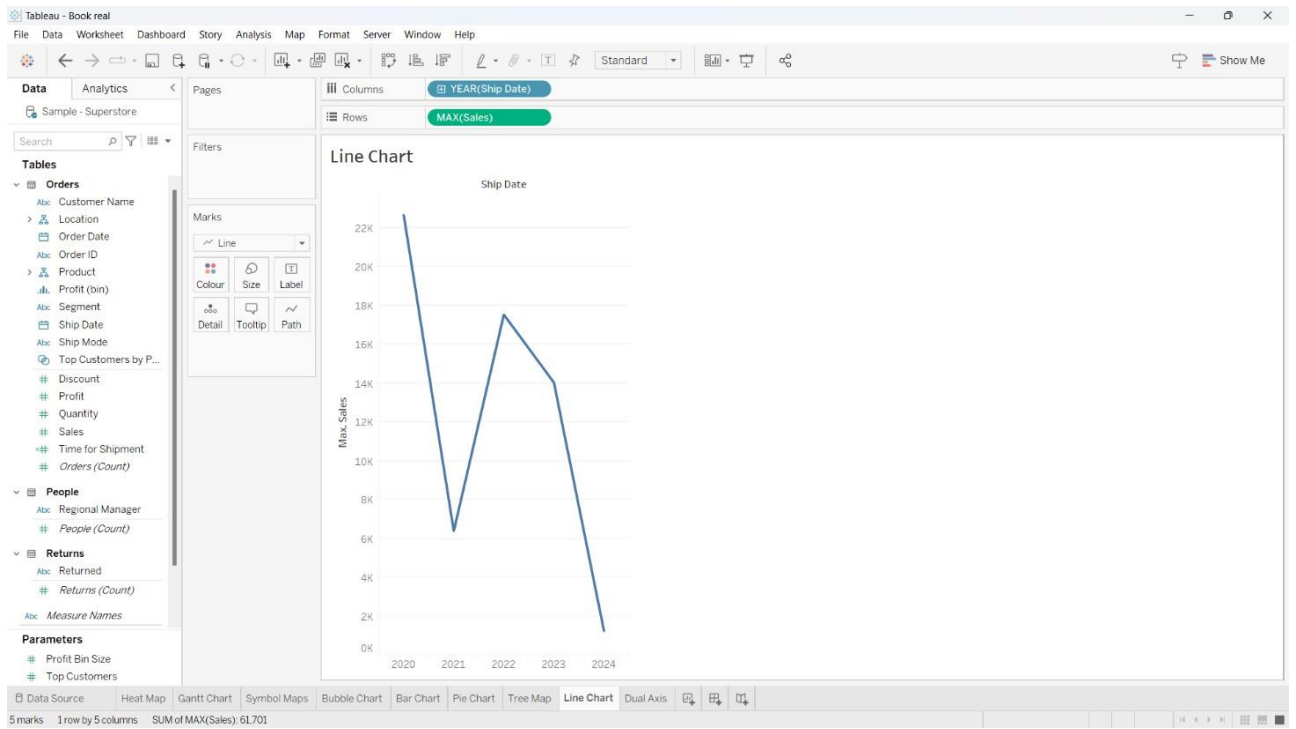
College – VIT - Bhopal

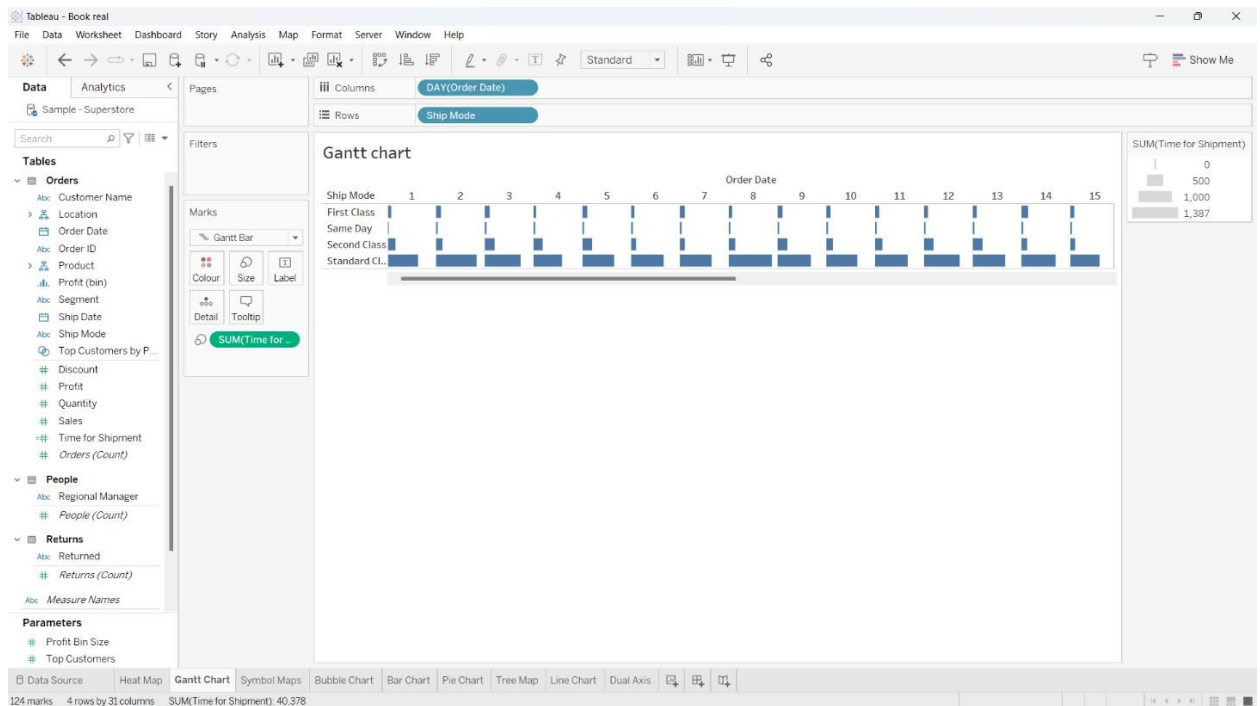
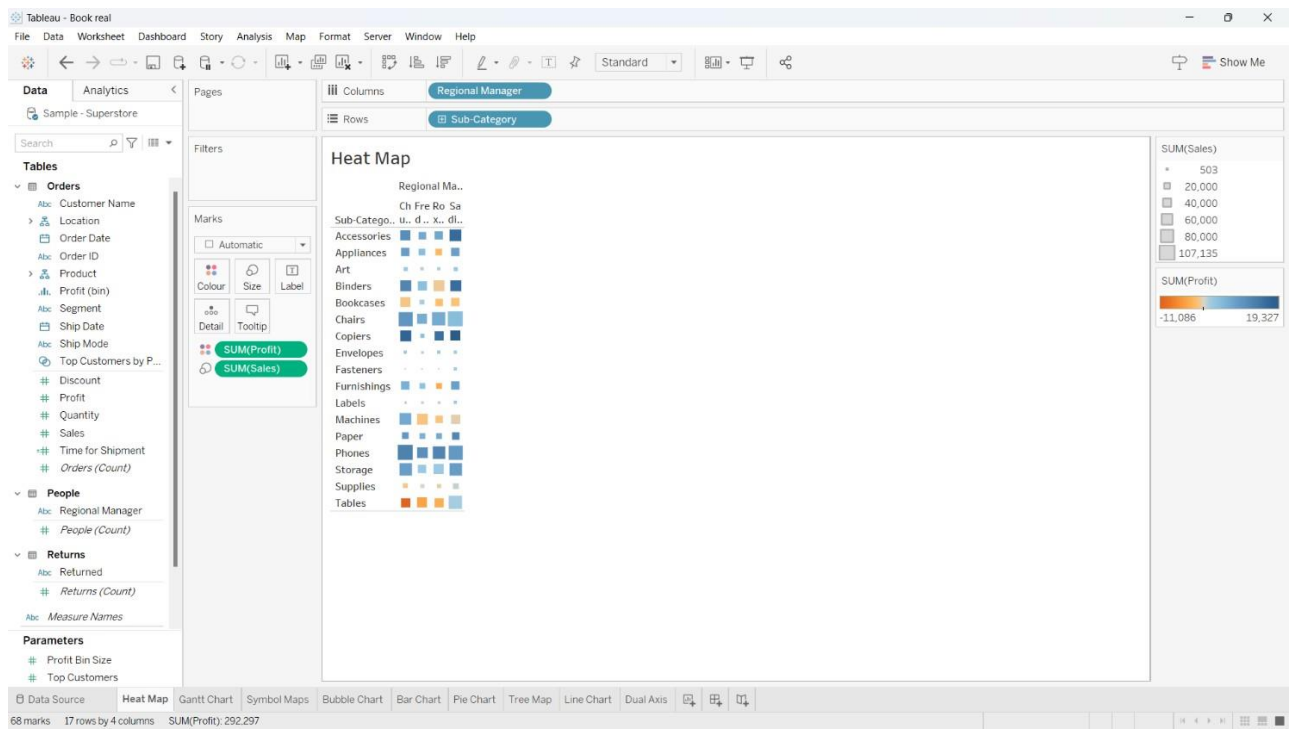
Assignment 2

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



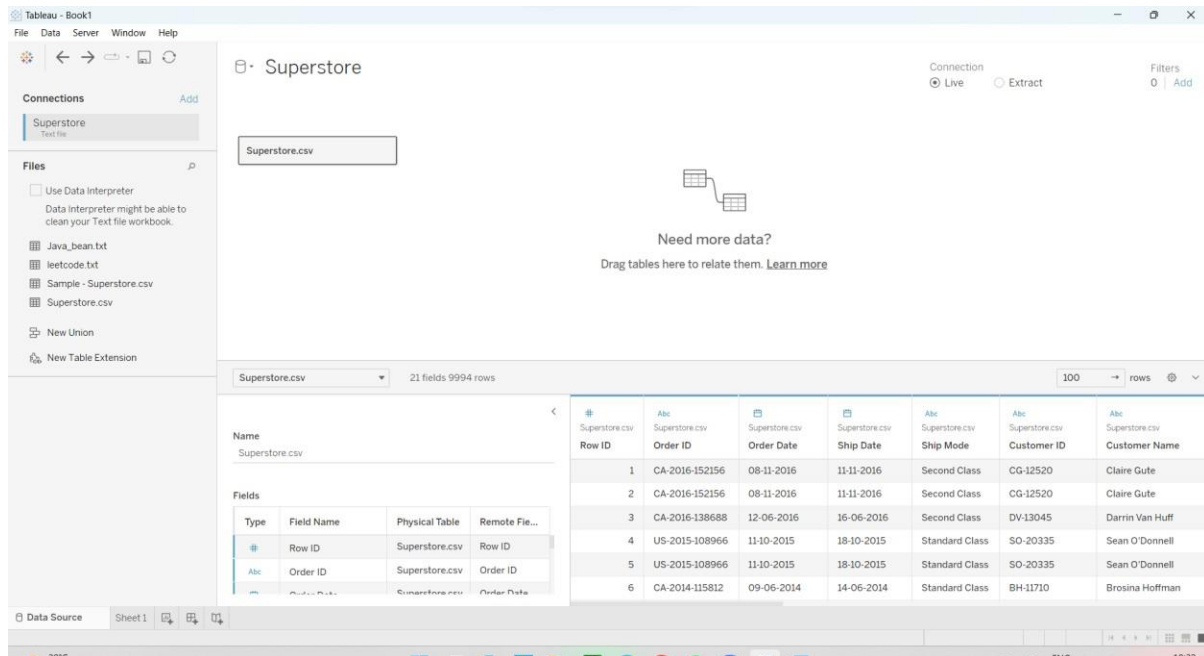




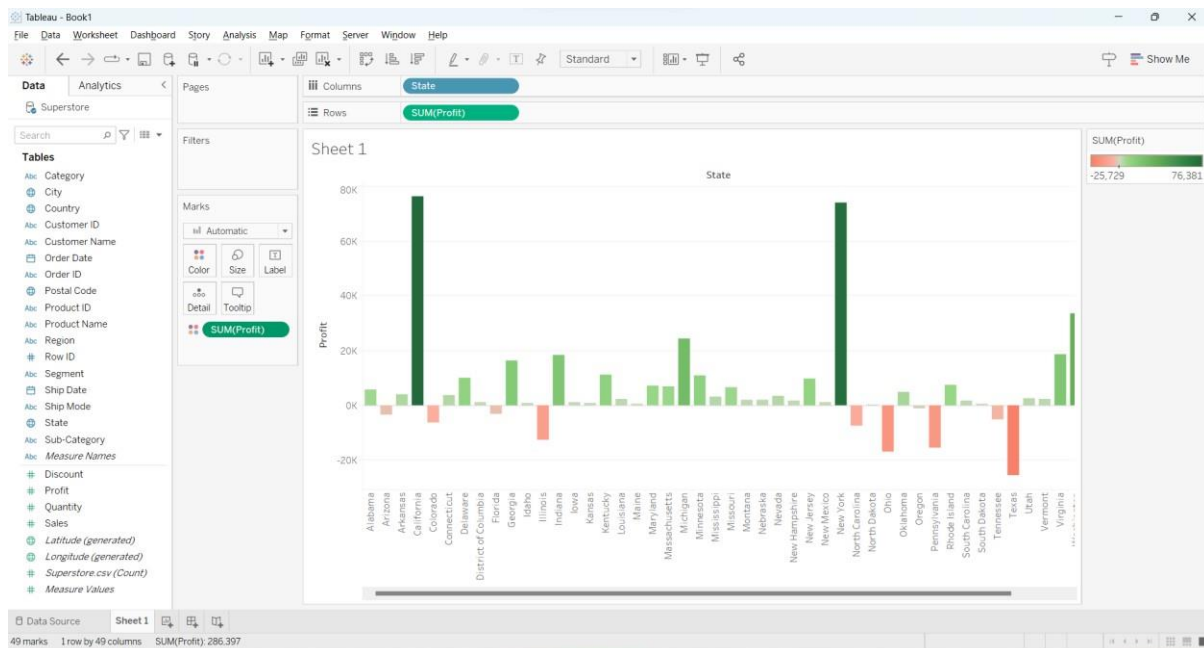


Q) Apply dimension filter, context and measure filter on any of the three visualizations

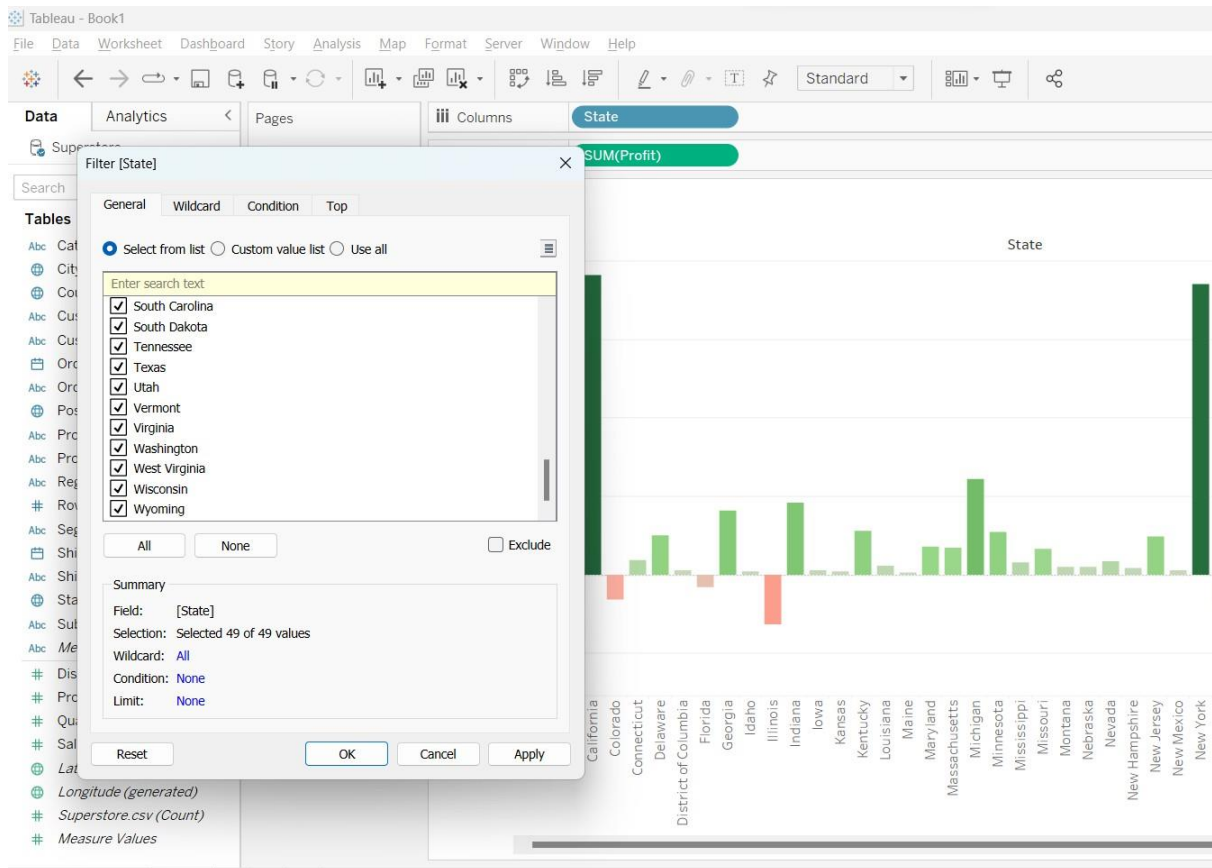
DIMENSION FILTER:



We Imported Superstore Data Set in Tableau



Imported State as Columns and SUM(Profit) as rows and changed colours for SUM.



We will select the States as Dimension Filtering our Data

Filter [State] ×

General Wildcard Condition Top

☒ Select from list ☐ Custom value list ☐ Use all ☰

Enter search text

- ☒ Oregon
- ☐ Pennsylvania
- ☒ Rhode Island
- ☒ South Carolina
- ☐ South Dakota
- ☒ Tennessee
- ☒ Texas
- ☐ Utah
- ☒ Vermont
- ☒ Virginia
- ☒ Washington

All None ☐ Exclude

Summary

Field: [State]

Selection: Selected 45 of 49 values

Wildcard: All

Condition: None

Limit: None

Reset OK Cancel Apply

Remove the following states



See the Selected States are removed

Filter [State]

General Wildcard Condition Top

☐ Select from list ☒ Custom value list ☐ Use all

ohio

☒ Ohio

Alabama

Ohio

Utah

Clear List ☐ Include all values when empty ☐ Exclude

Summary

Field: [State]

Selection: Selected 3 values

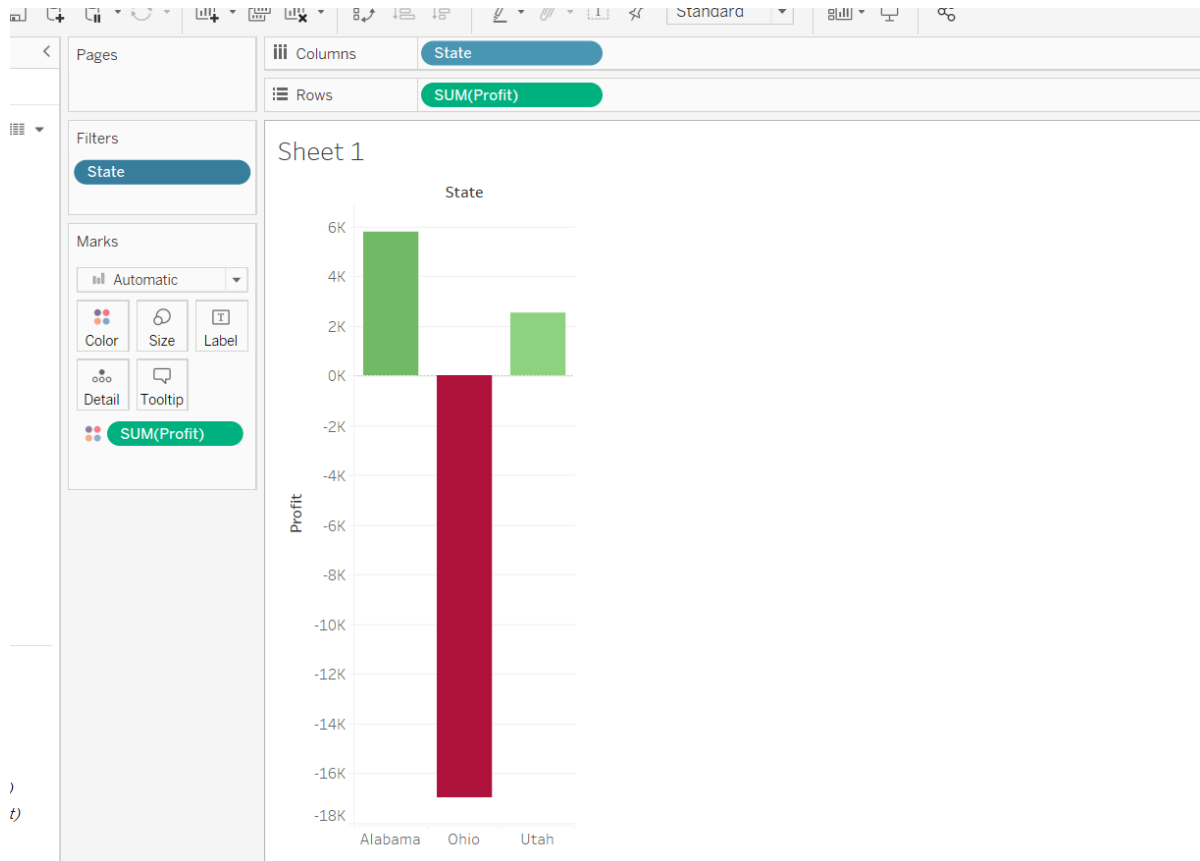
Wildcard: All

Condition: None

Limit: None

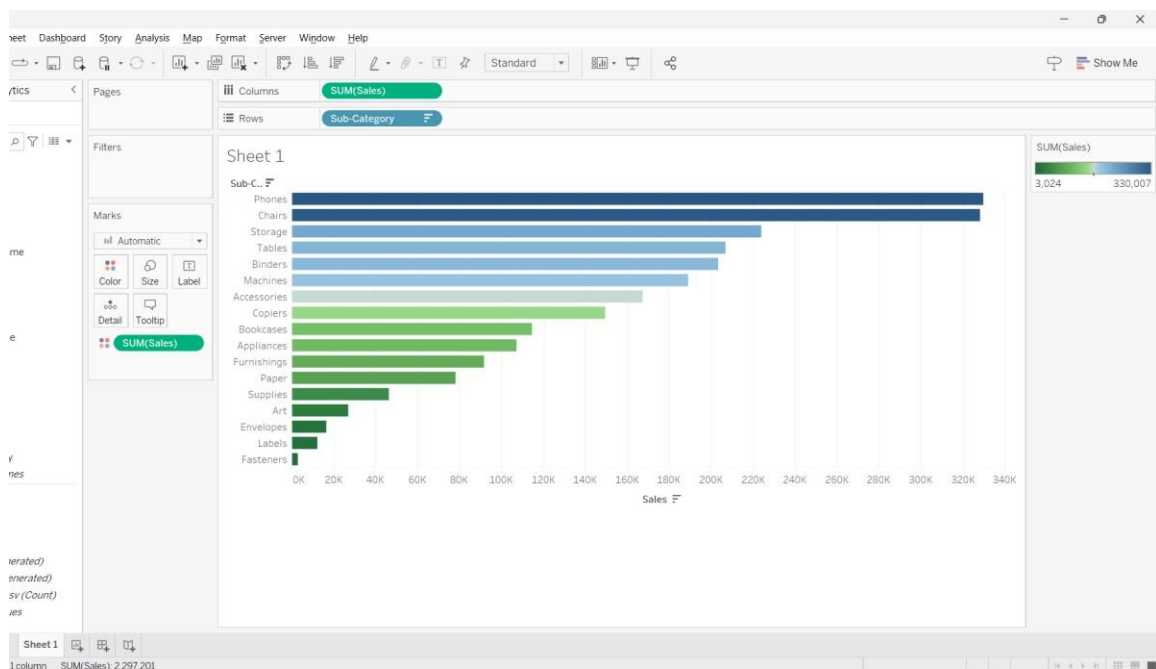
Reset OK Cancel Apply

We add custom values.

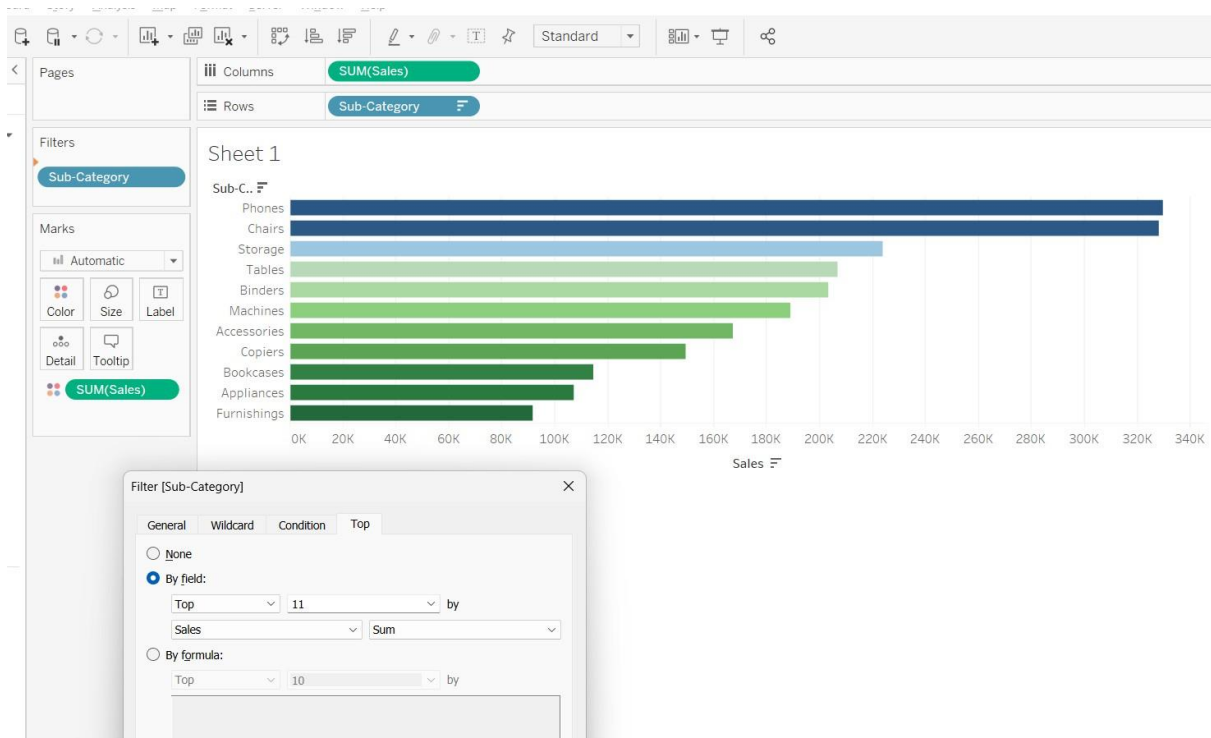


This is the data we received.

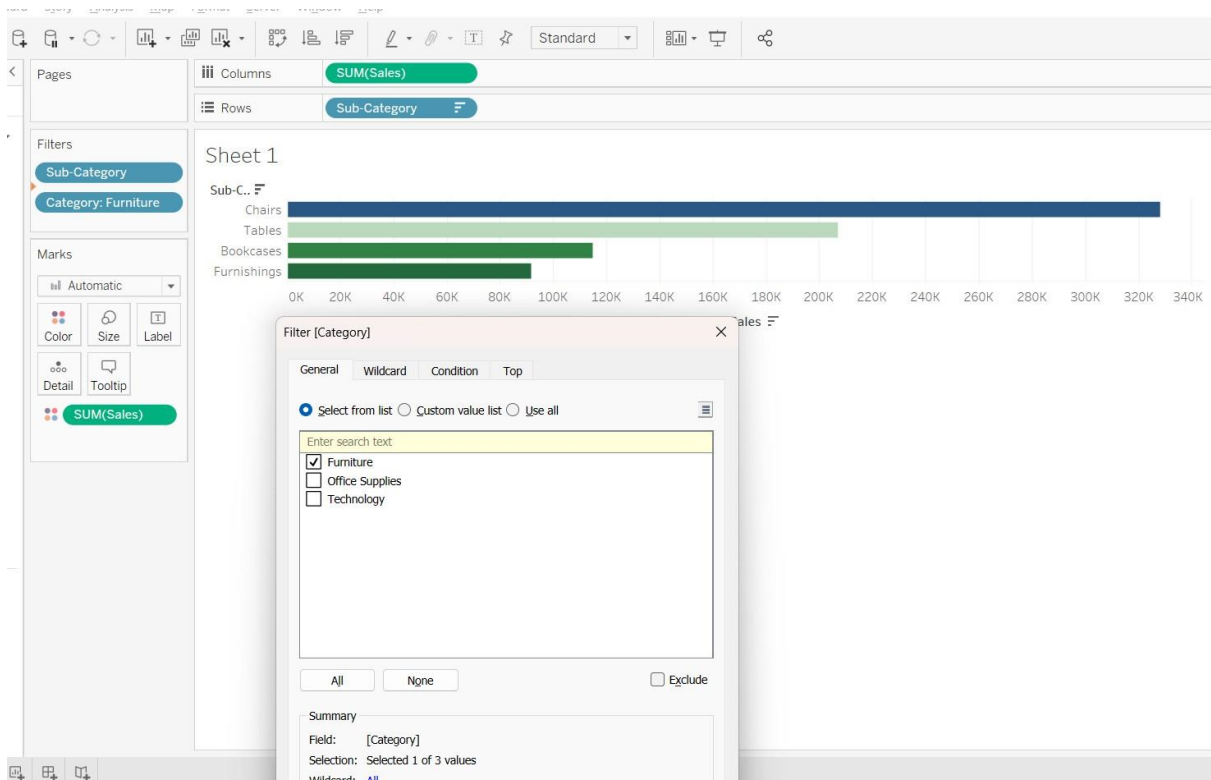
CONTEXT FILTERS:



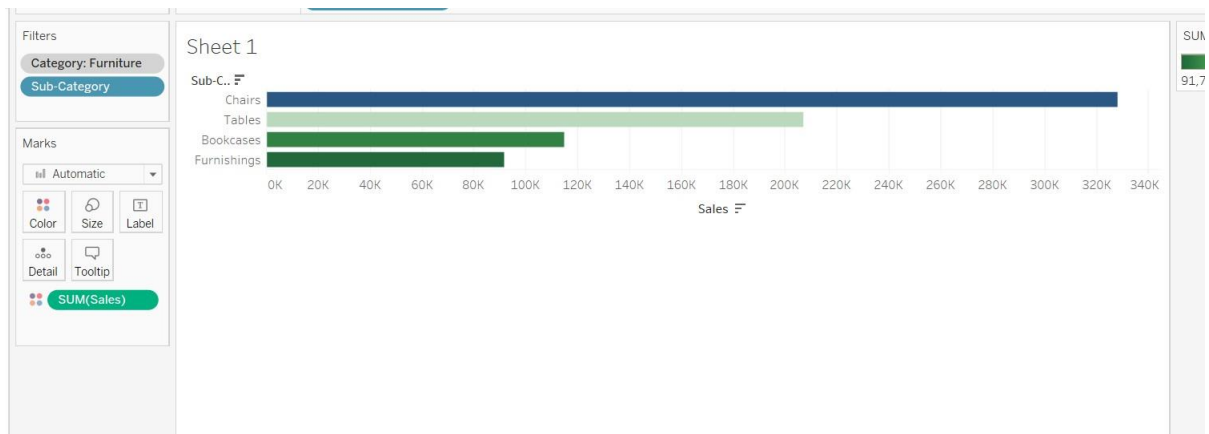
We first selected 2 categories and arranged it



Applied top-11 filter on Sub-Category

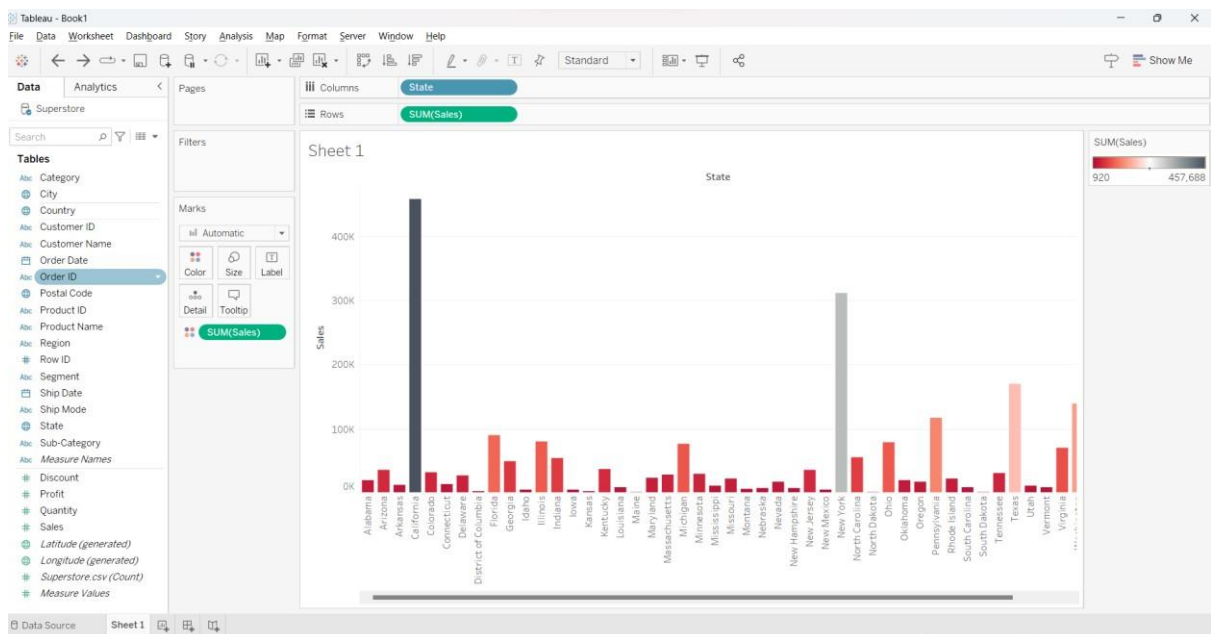


Top 4 Furniture out of 11 Highest Profit Category is shown

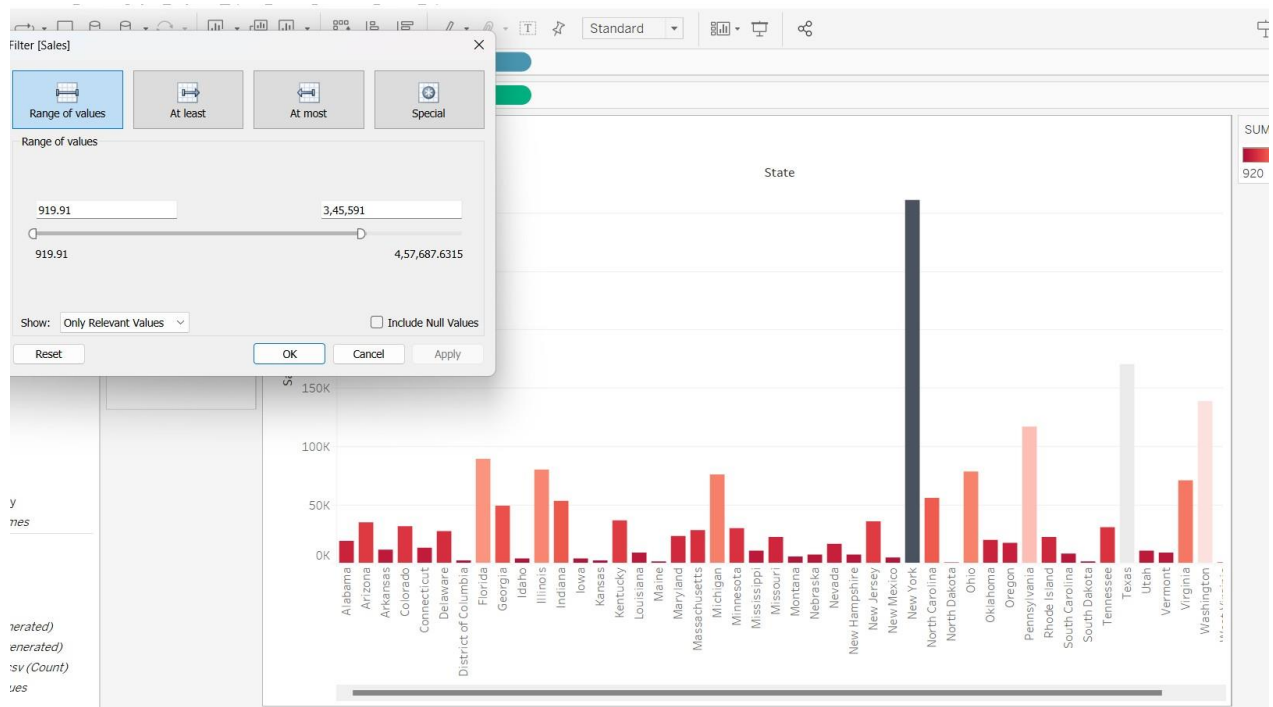


Category is made CONTEXT FIELD.

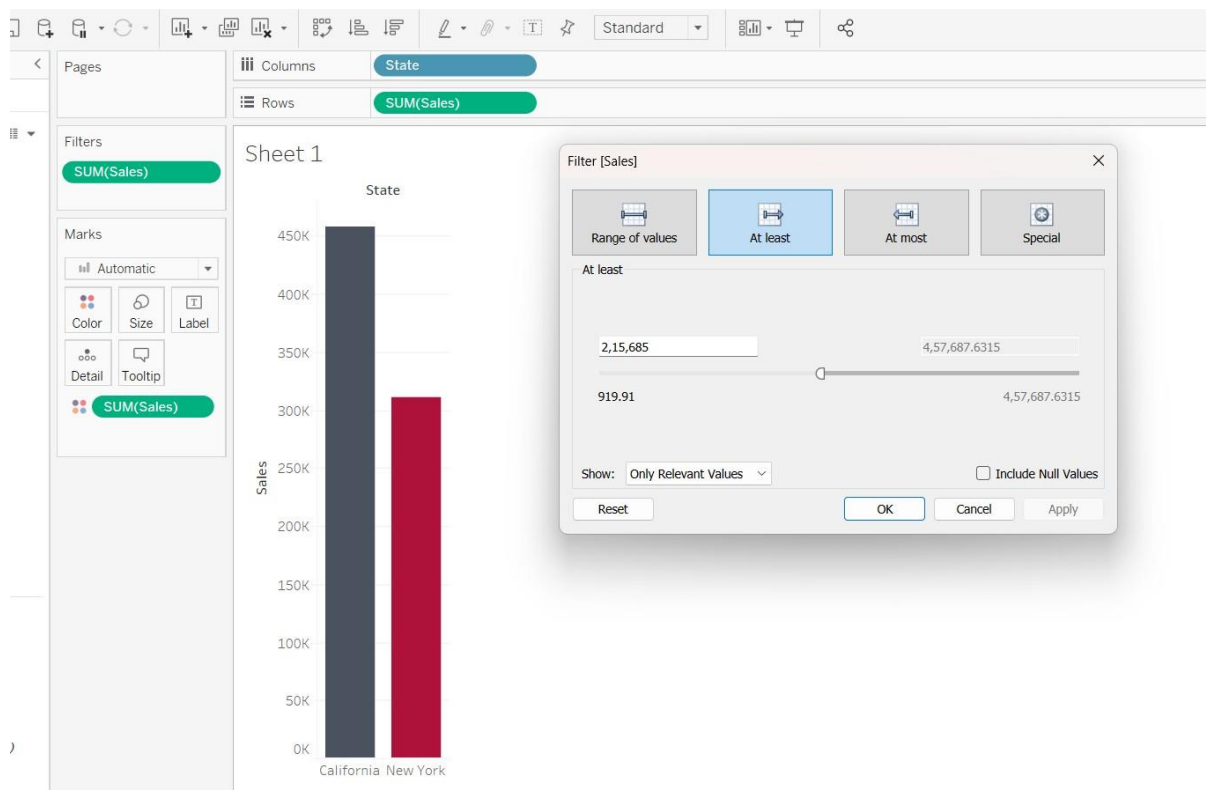
MEASURE FILTER:



We will use this Visualization



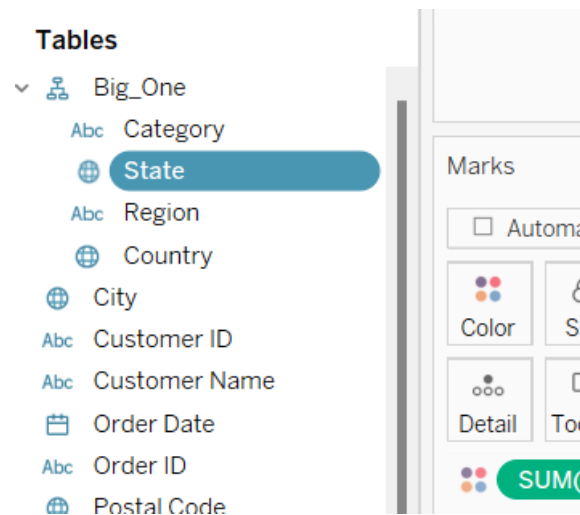
Range values



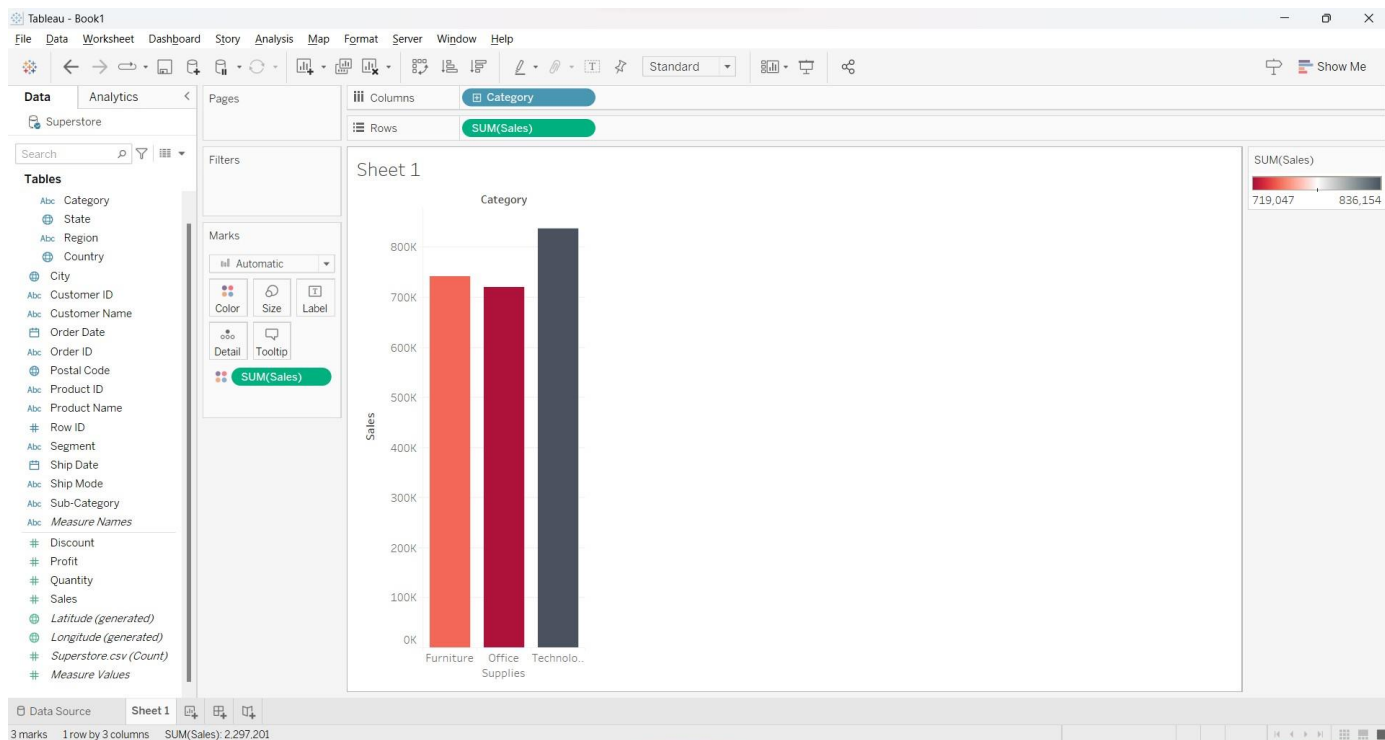
At Least field

Q) Perform the following data manipulations on your dataset • create a Hierarchy • create a set • create a group

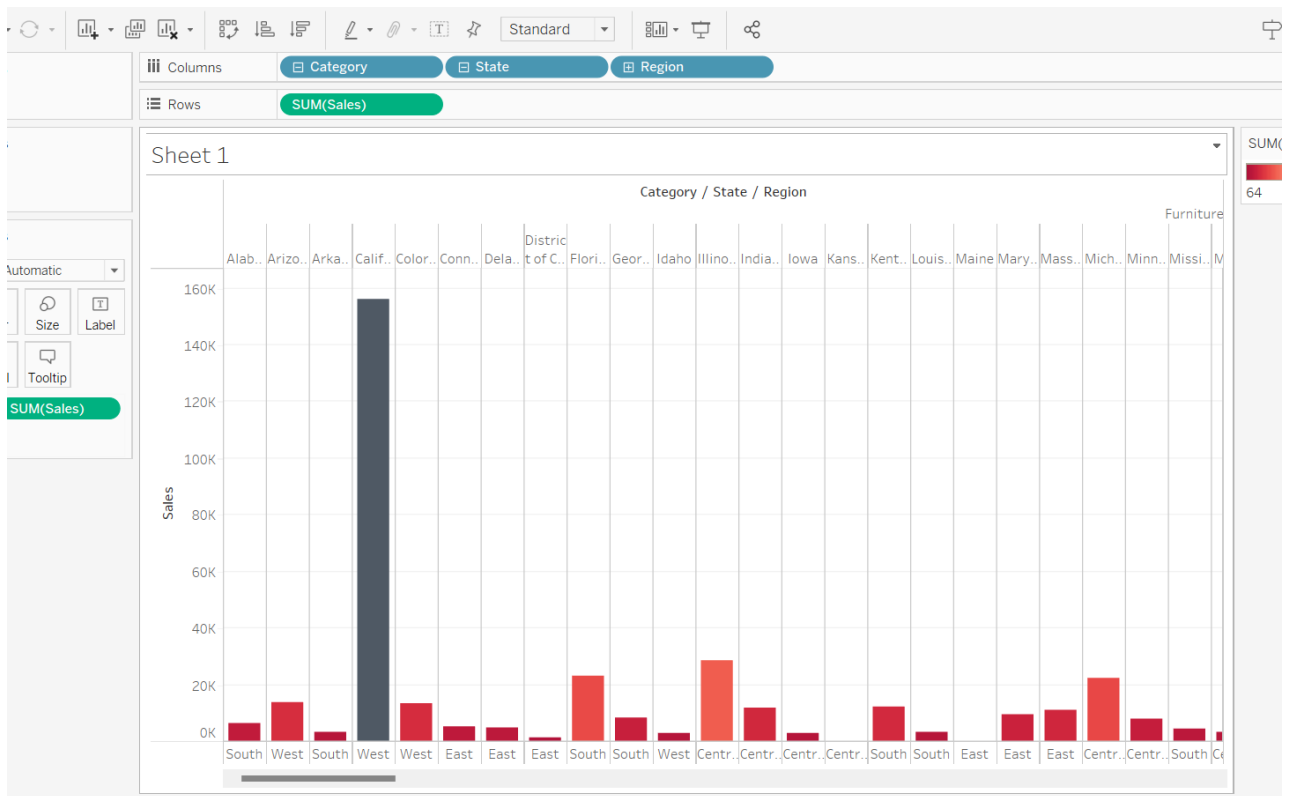
CREATING A HIERARCHY:



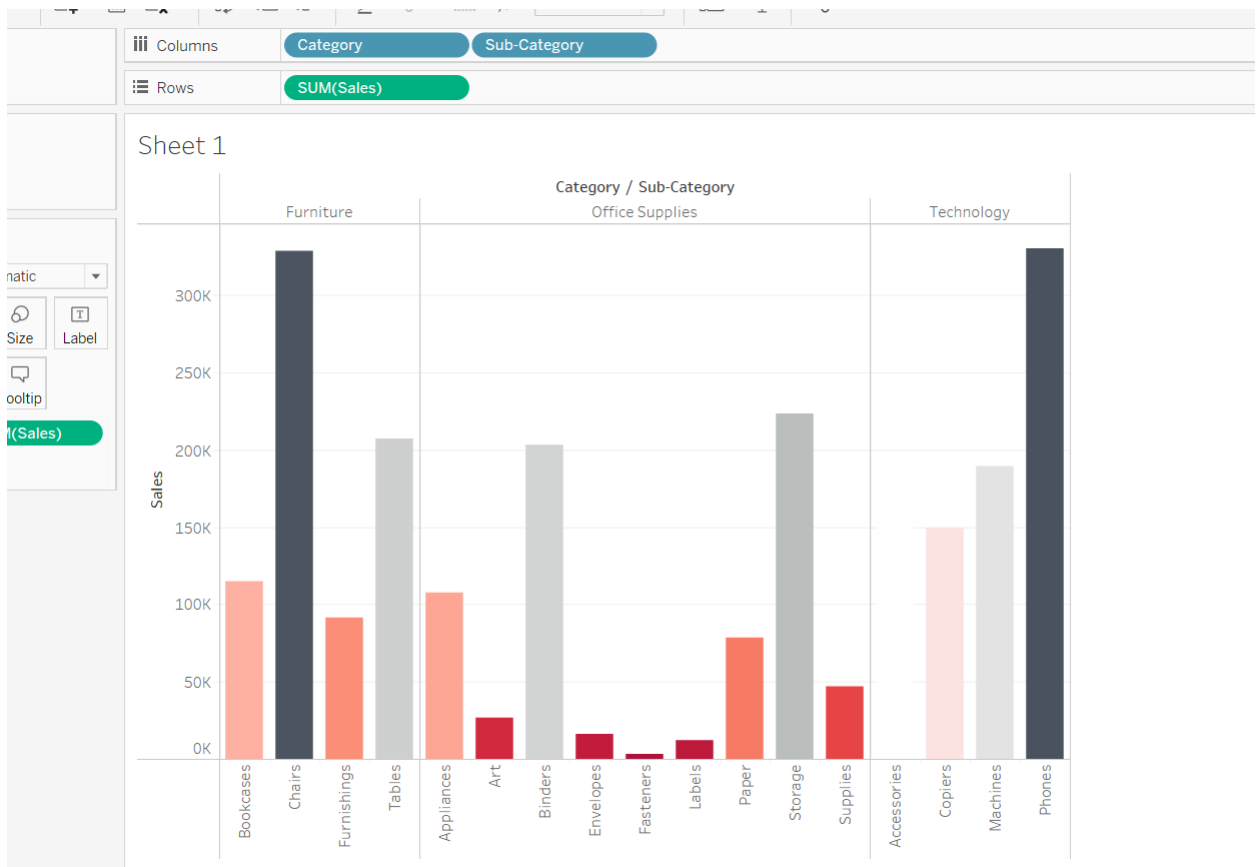
We collected various category together as “The Big_One”.



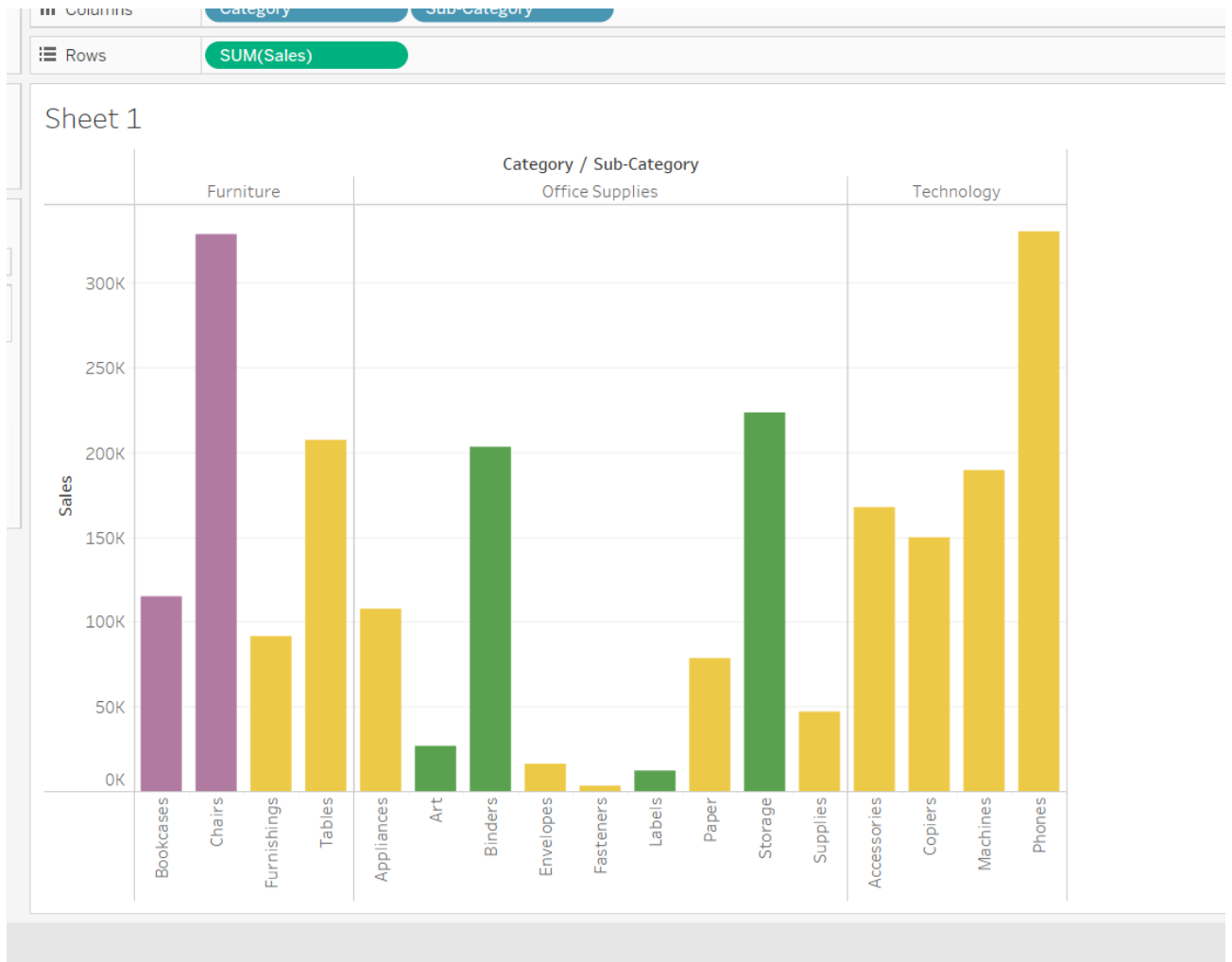
Click + in the columns “Big_One”



CREATING A GROUP:



Normal Data



Grouped Data