

# SMARTBRIDGE ASSIGNMENT-2

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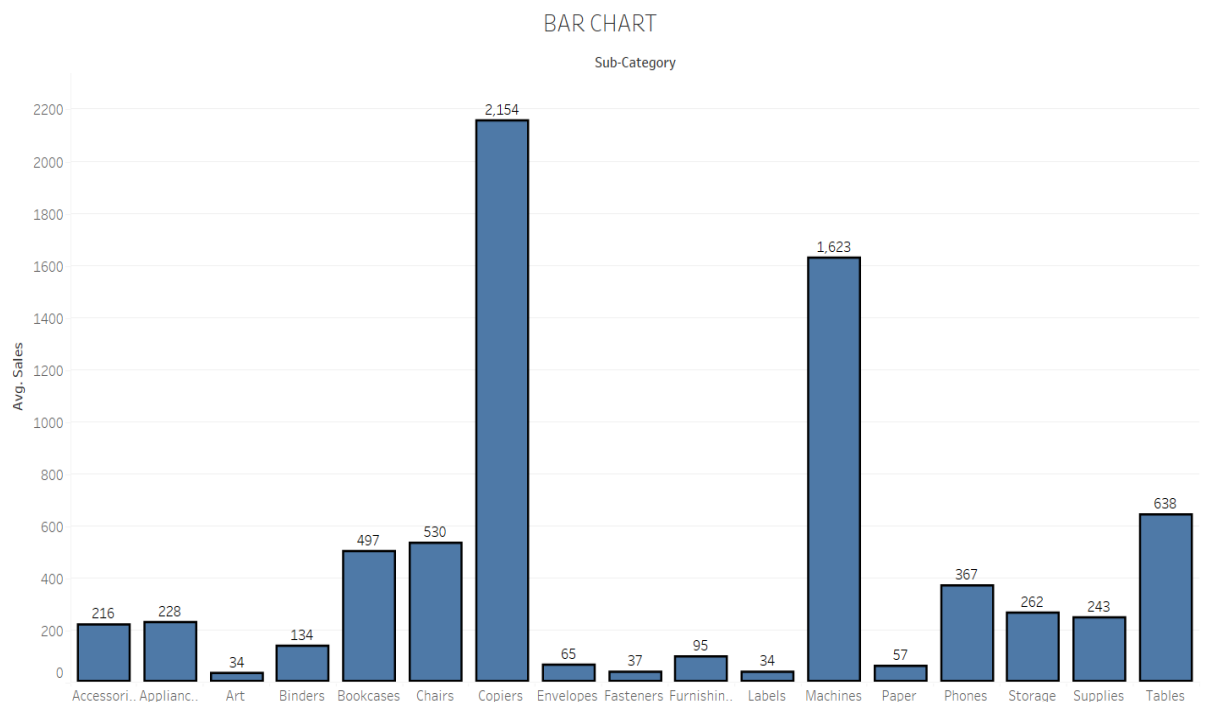
## Assignment-2

- 1) Create any 7 data visualizations/charts and perform the following
- 2) Apply dimension filter, context and measure filter on any of the three visualizations
- 3) Perform the following data manipulations on your dataset
  - create a Hierarchy
  - create a set
  - create a group

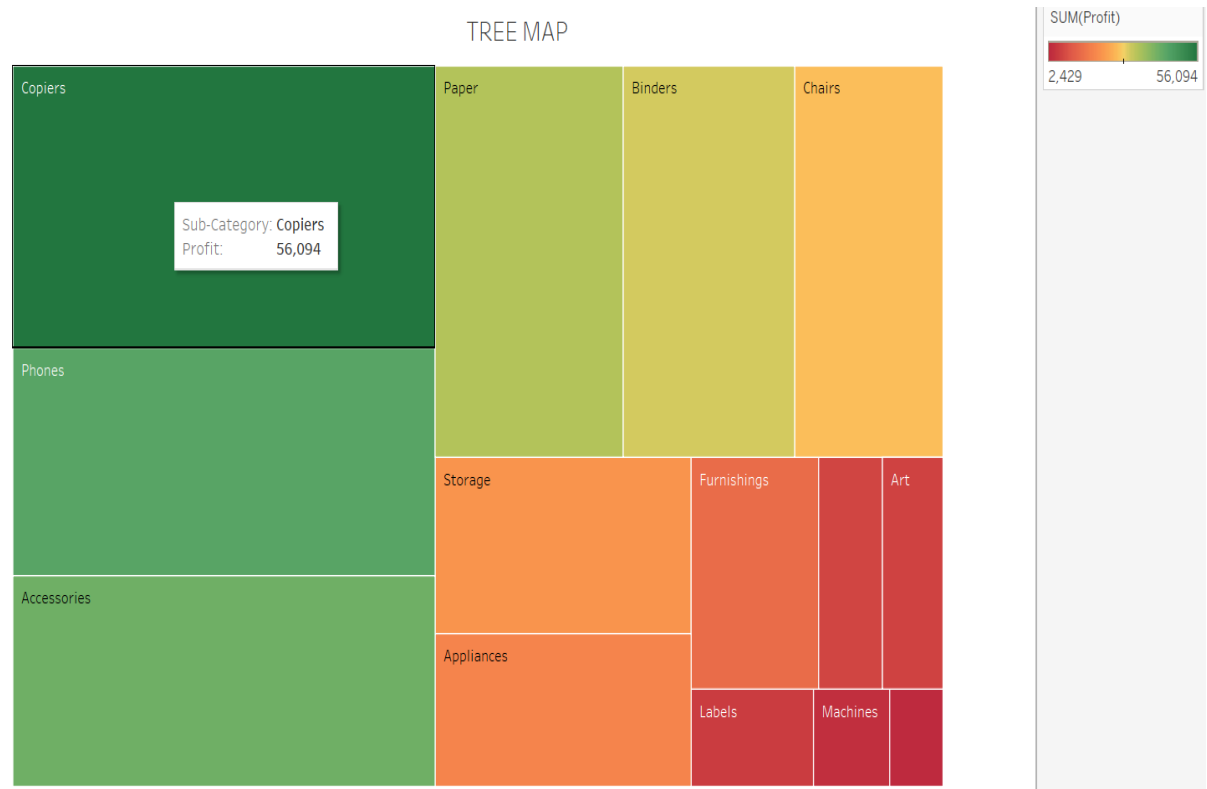
**Note : Use 'superstore-sales' dataset**

### 1) Seven Data Visualizations:

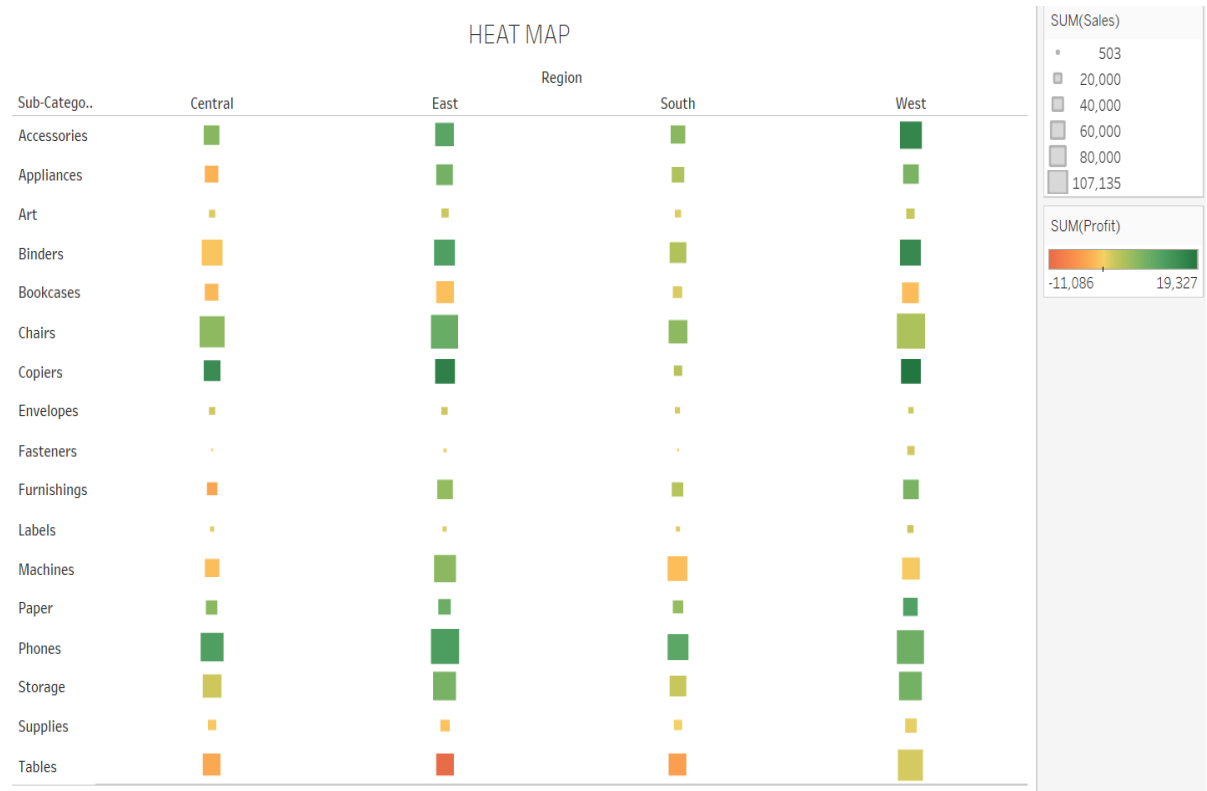
#### BAR CHART



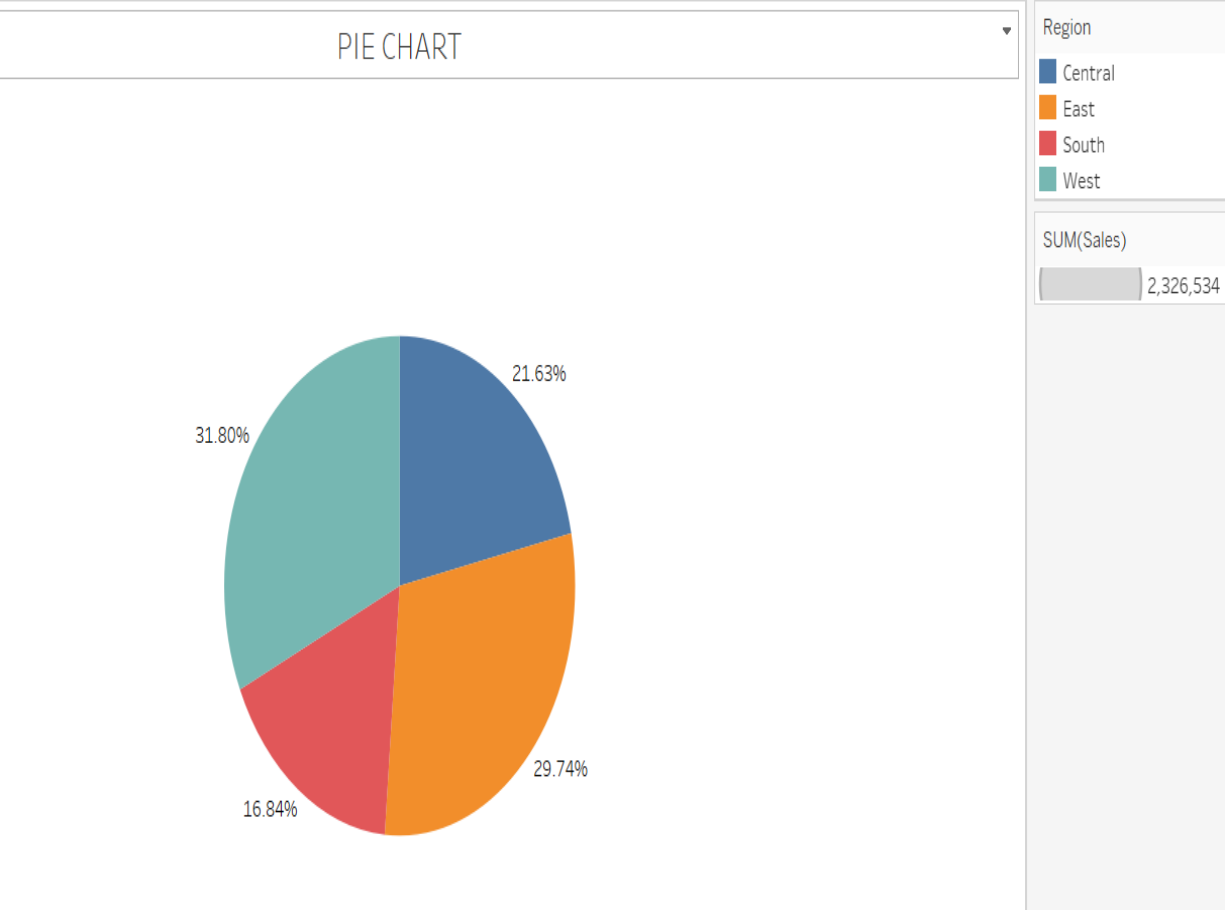
# TREE MAP



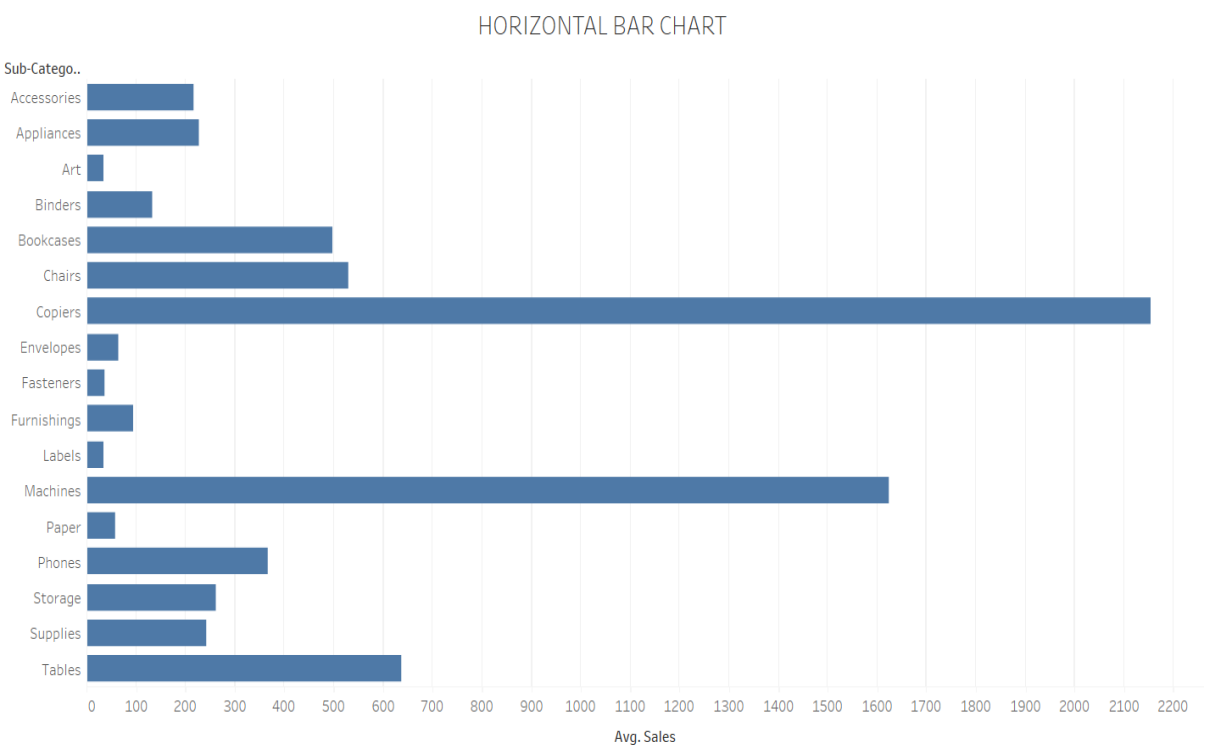
# HEAT MAP



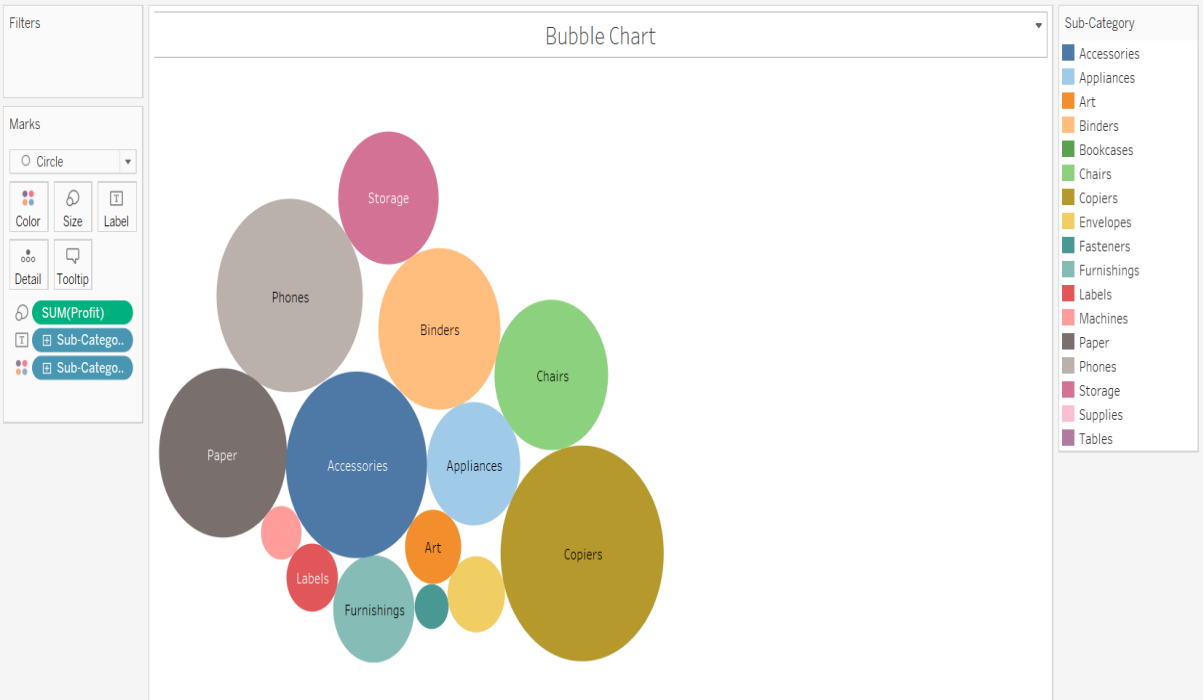
PIE CHART



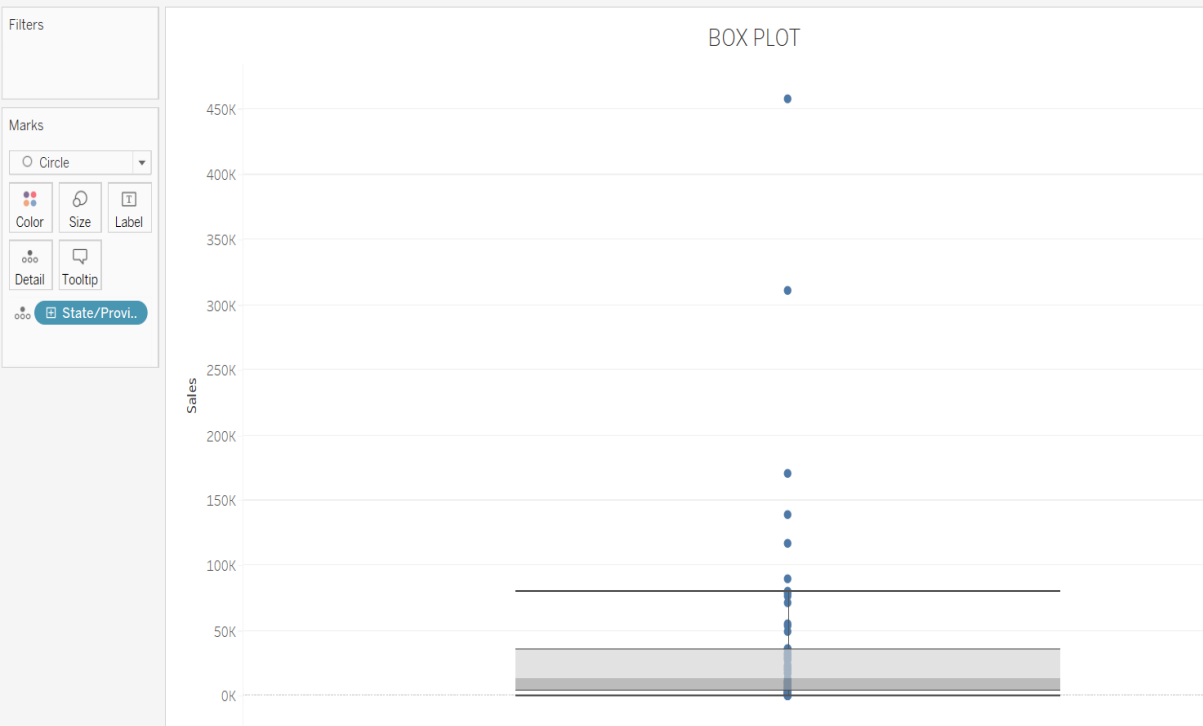
HORIZONTAL BAR CHART



# BUBBLE CHART

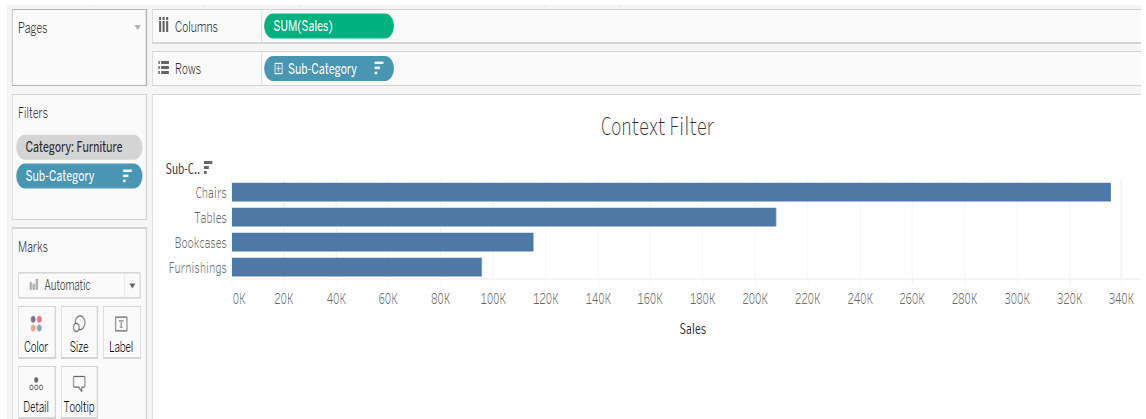


# BOX PLOT



## 2) Filters:

- **Context Filter:**



- **Dimension Filter:**

Sheet 20

Customer Name	State/Province
Aaron Bergman	Oklahoma Texas Washington
Aaron Hawkins	California Mississippi New York Pennsylvania
Aaron Smayling	California New York North Carolina Oregon Texas Virginia
Adam Hart	California Georgia Nevada New York Ohio Pennsylvania Rhode Island Tennessee Texas
Adam Shillingsburg	California Illinois Missouri New York Pennsylvania Texas Virginia
Adrian Barton	Arizona Illinois Indiana Kentucky Michigan New York Oregon Texas
Adrian Shami	New York Washington
Aimee Bixby	New York Oklahoma Texas
Alan Barnes	British Columbia California Colorado Illinois Ohio Tennessee Washington

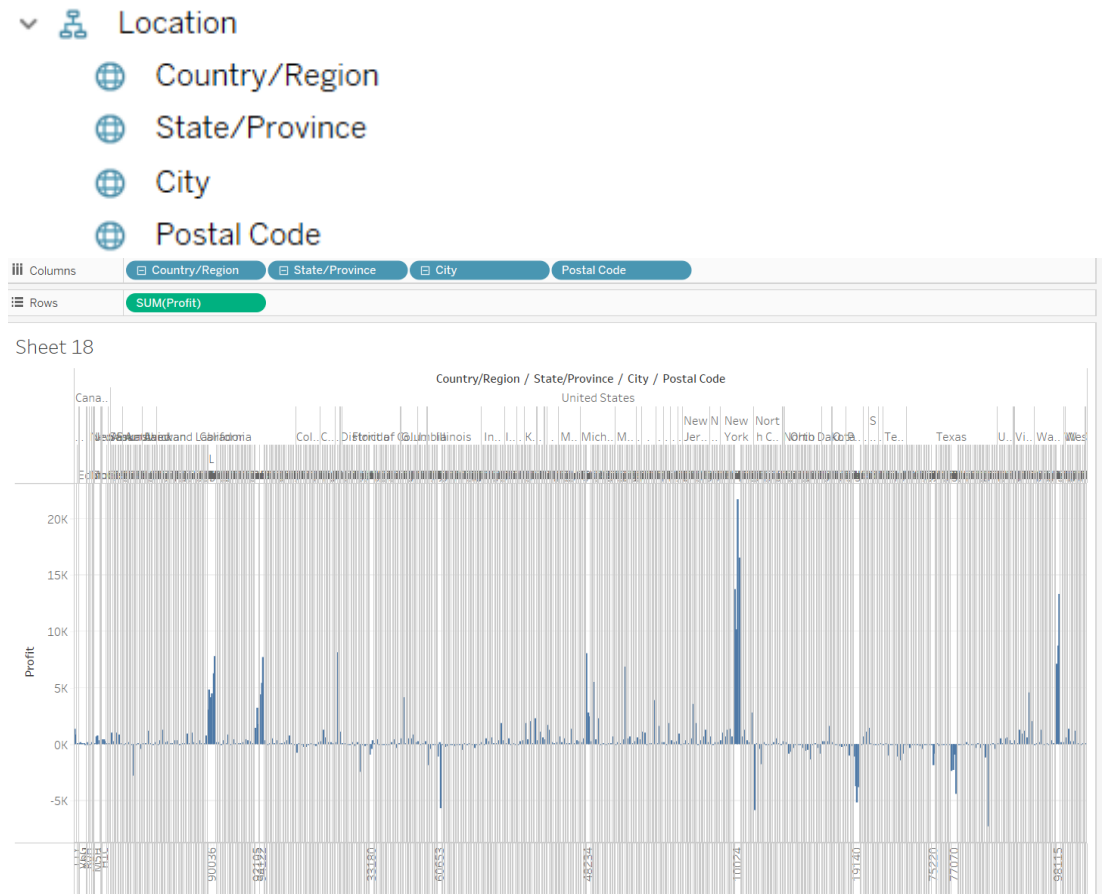
- **Measure Filter:**

Measure filter

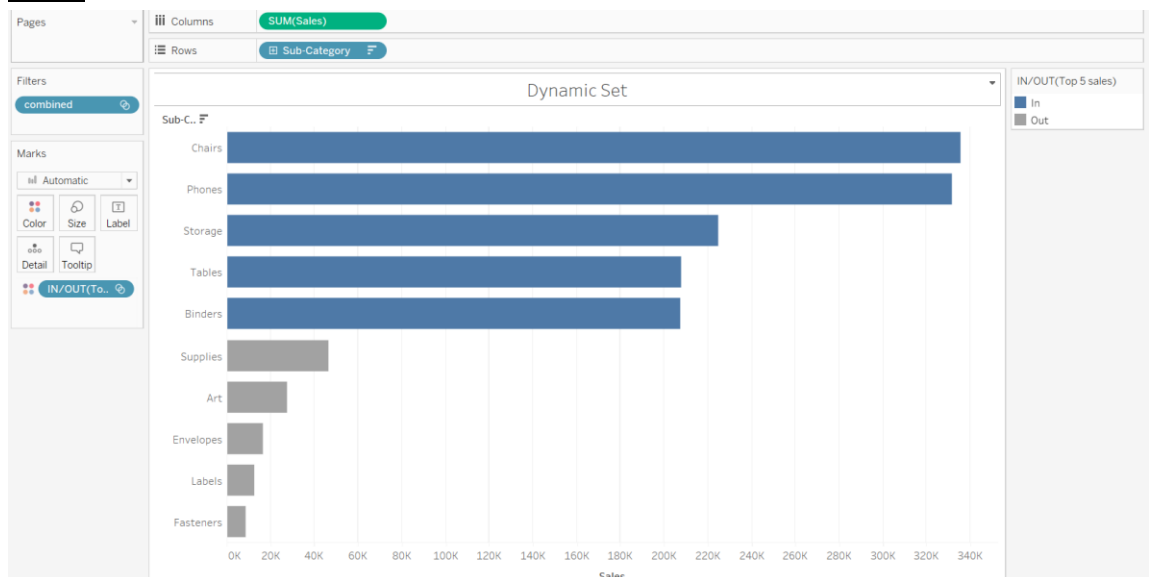
Customer Name	Sales
Tamara Chand	17,500
Raymond Buch	14,000
Tom Ashbrook	11,200
Hunter Lopez	10,500
Adrian Barton	9,893
Sanjit Chand	9,450
Bill Shonely	9,100
Sanjit Engle	8,750
Christopher Conant	8,400
Ken Lonsdale	8,188
Becky Martin	8,160
Grant Thornton	8,000

### 3) Manipulations on Dataset:

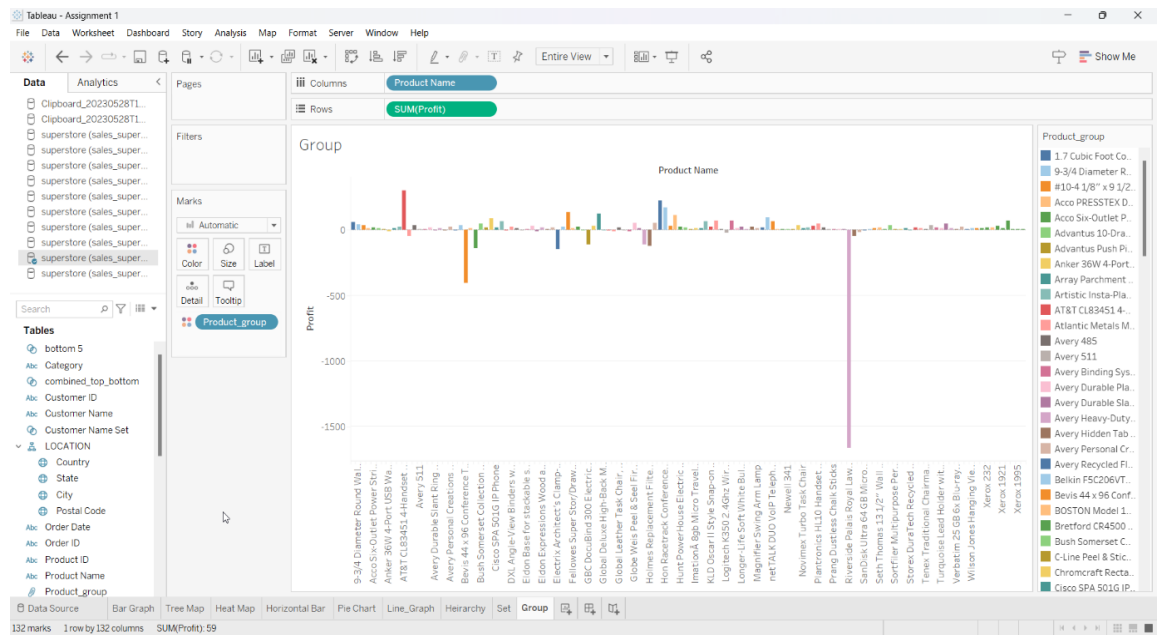
- Hierarchy:



- Set:



- **Group:**



**Link:**

[https://drive.google.com/file/d/1ek9-6patVO\\_1Rsx3G4li7RL8XqtrHn59/view?usp=share\\_link](https://drive.google.com/file/d/1ek9-6patVO_1Rsx3G4li7RL8XqtrHn59/view?usp=share_link)