

## Assignment-2

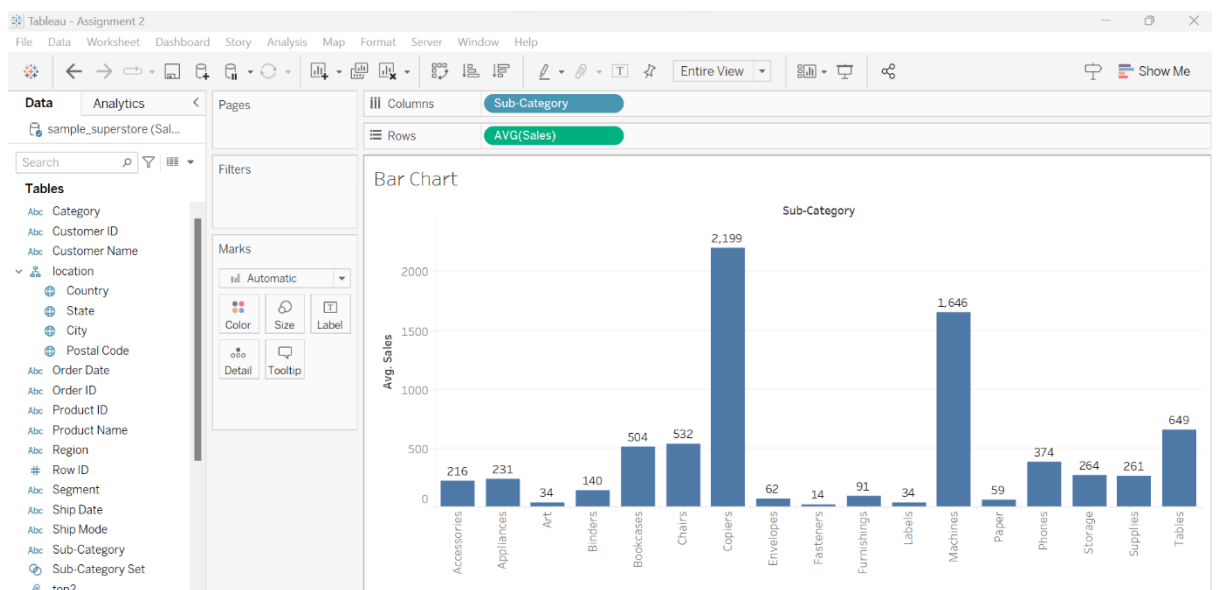
**Submitted By :** Vishruti Choudhary

**Registration No. : 20BHI10019**

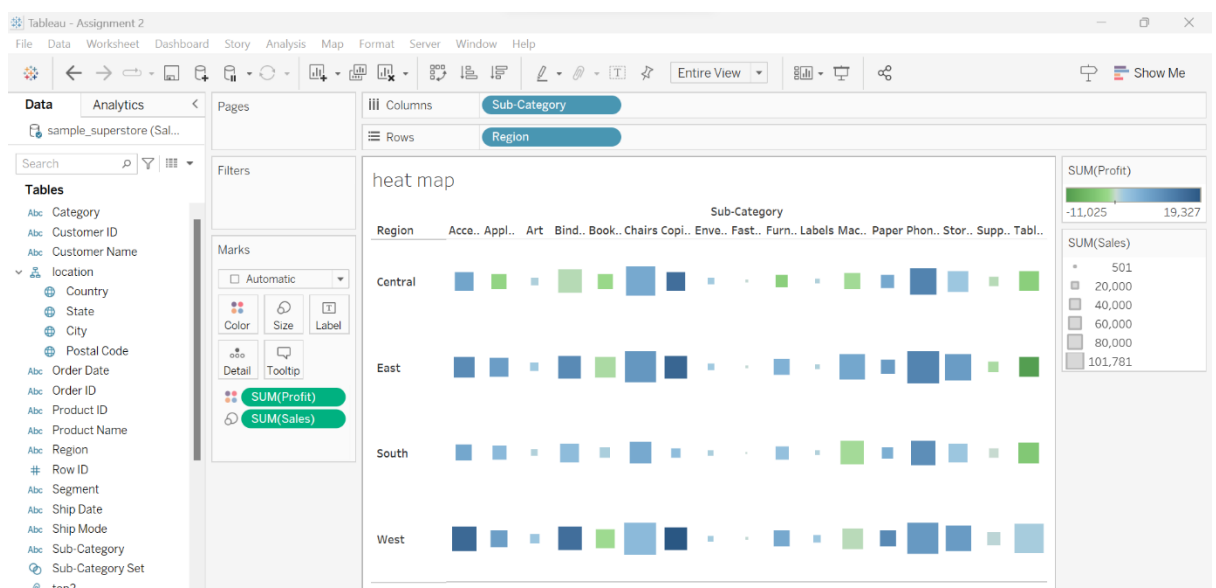
**Campus:** Vellore Institute of Technology , Bhopal

## 1. 7 different visualizations

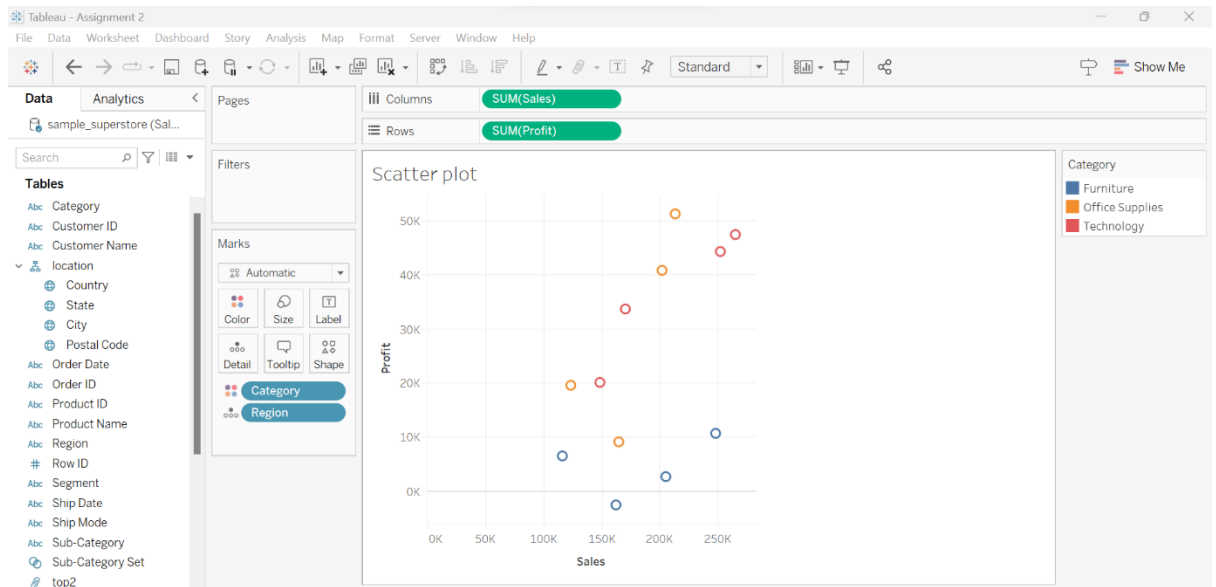
### i) Bar Graph



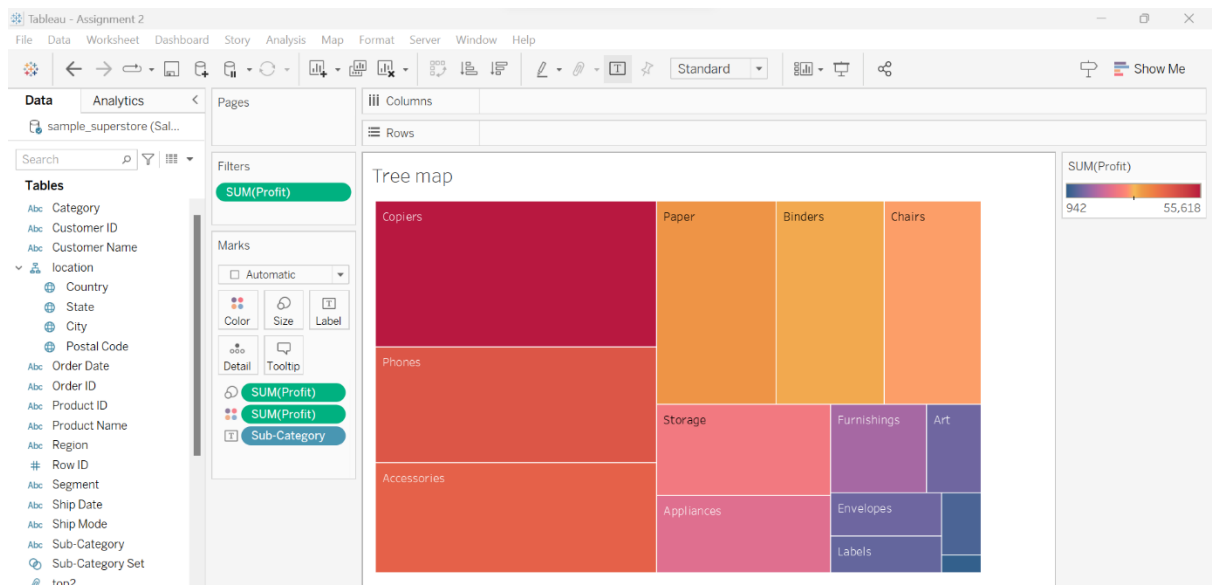
## ii) Heat Map



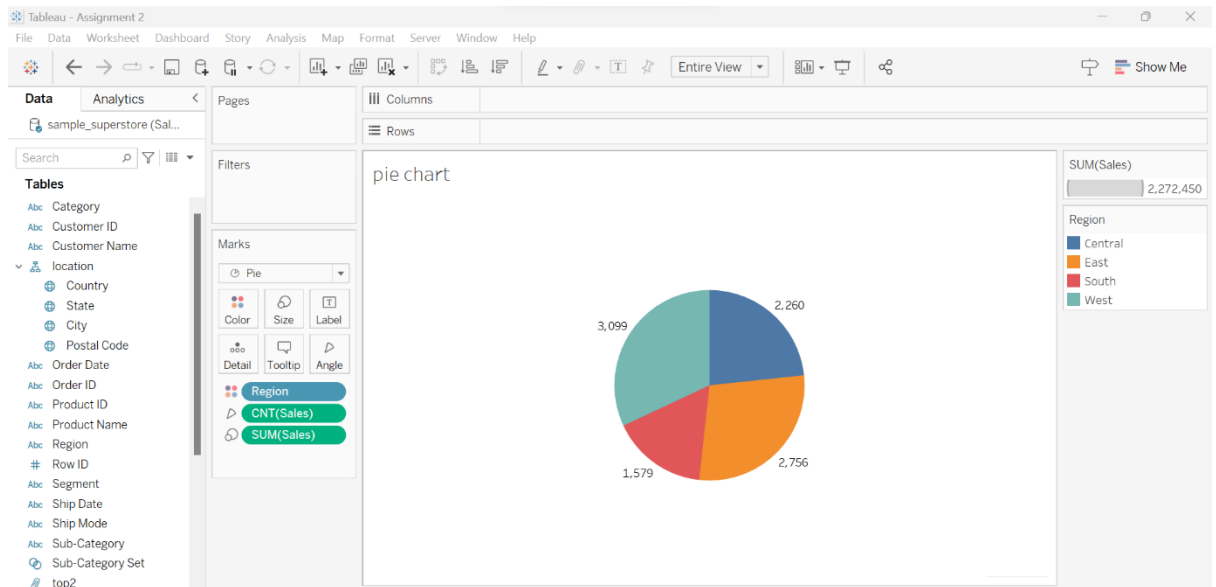
### iii) Scatter Plot



### iv) Tree map



## v) Pie Chart

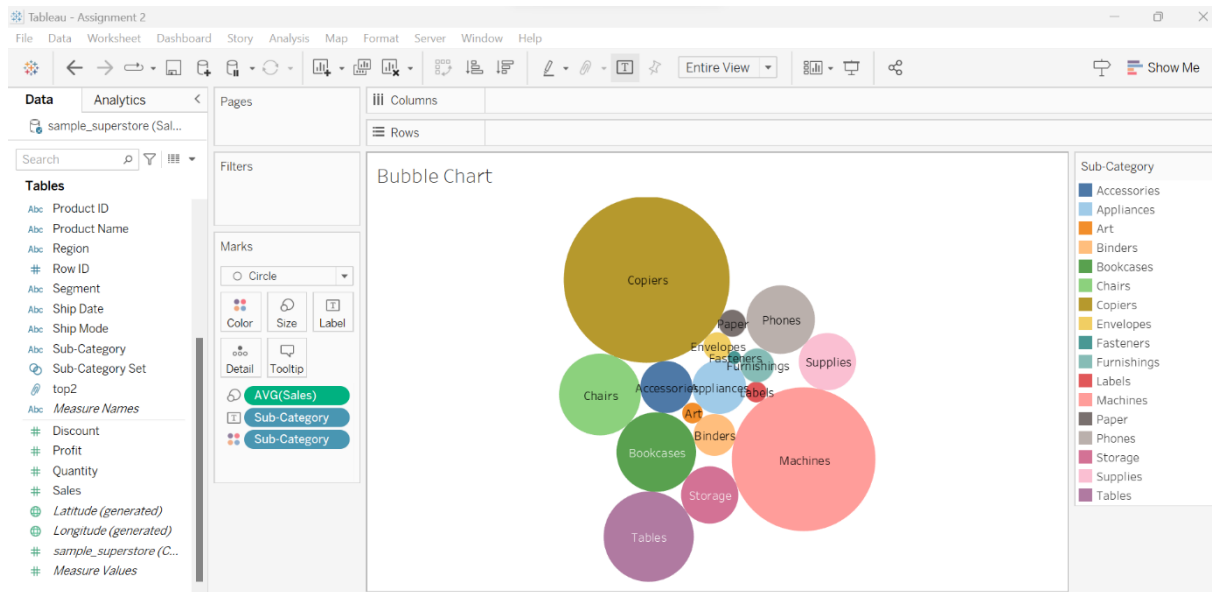


## vi) Text Table

The text table displays the profit for each region across 15 sub-categories. The data is as follows:

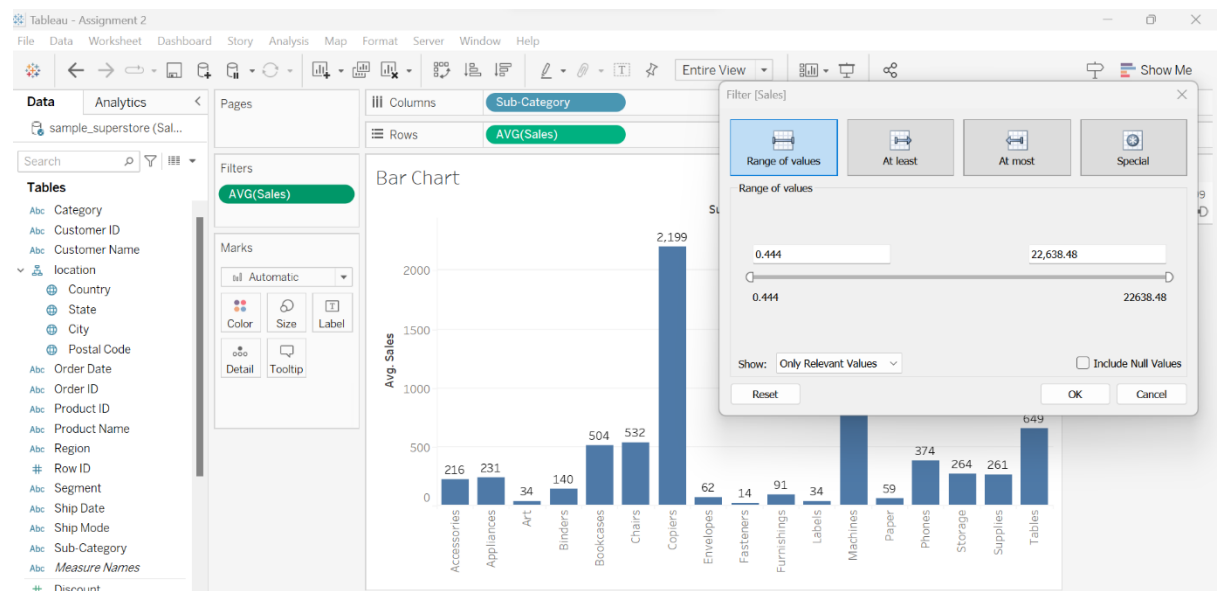
| Region  | Acces.. | Appli.. | Art | Binde.. | Book.. | Chairs | Copie.. | Envel.. | Faste.. | Furni.. | Labels | Mach.. | Paper | Phon.. | Stora.. | Suppl.. | Tables |
|---------|---------|---------|-----|---------|--------|--------|---------|---------|---------|---------|--------|--------|-------|--------|---------|---------|--------|
| Central | 183     | 123     | 176 | 346     | 50     | 154    | 16      | 57      | 55      | 196     | 76     | 21     | 297   | 199    | 205     | 34      | 72     |
| East    | 206     | 126     | 228 | 409     | 70     | 168    | 20      | 74      | 60      | 266     | 107    | 37     | 346   | 270    | 237     | 52      | 80     |
| South   | 128     | 81      | 142 | 231     | 28     | 88     | 7       | 52      | 28      | 162     | 65     | 18     | 209   | 138    | 126     | 25      | 51     |
| West    | 258     | 136     | 250 | 447     | 80     | 207    | 25      | 63      | 69      | 286     | 116    | 39     | 415   | 274    | 253     | 65      | 116    |

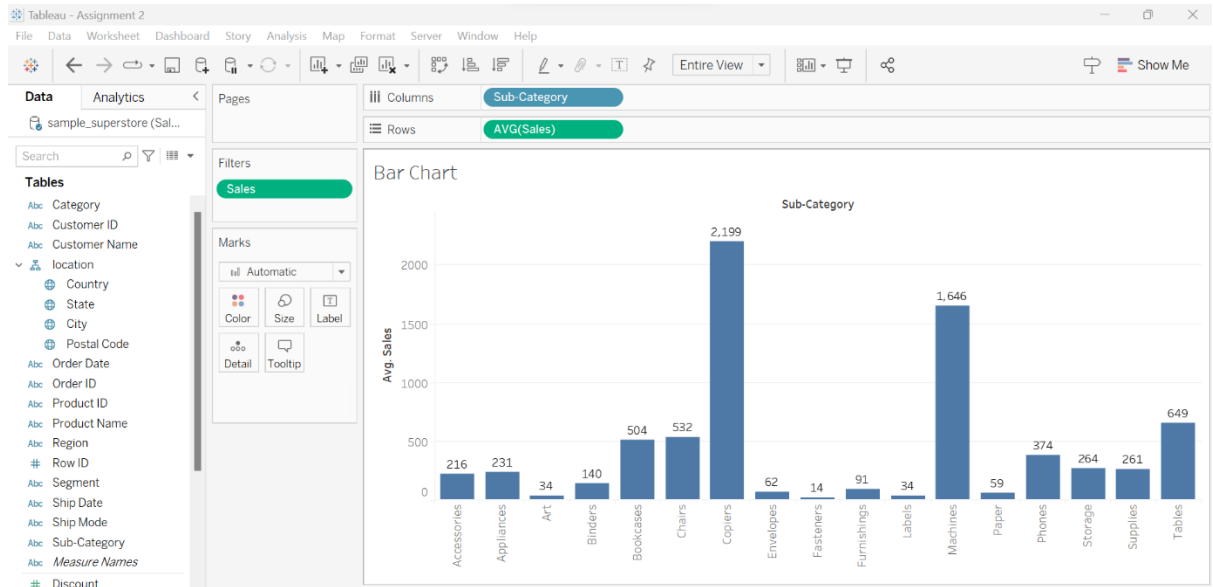
## vii) Bubble chart



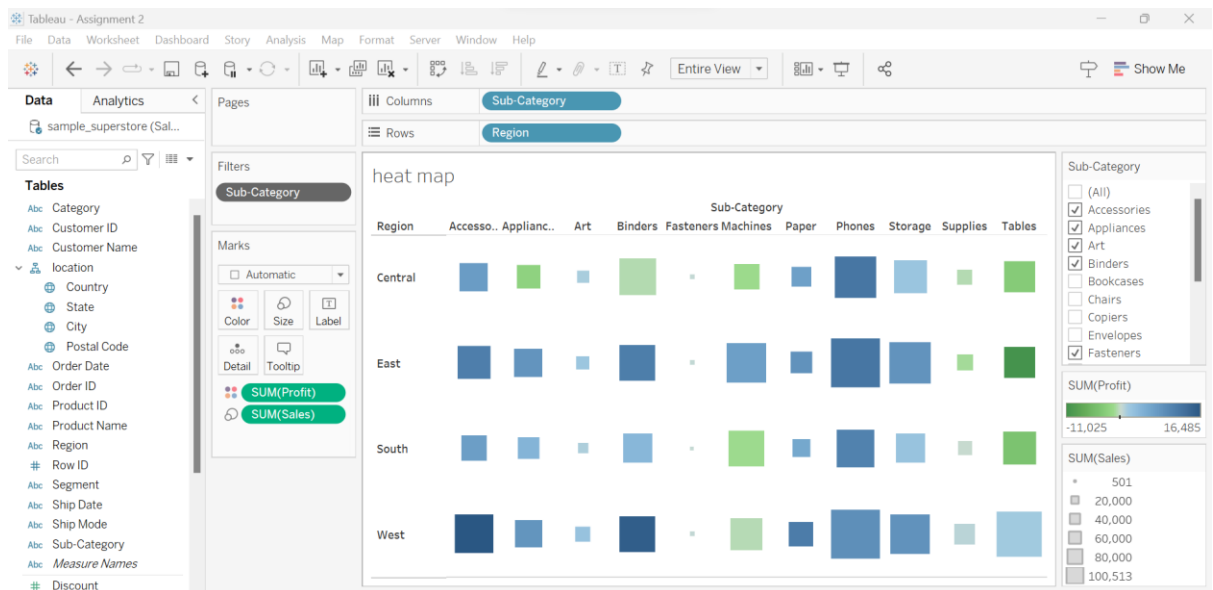
## 2. Apply Filter

### Bar Graph After Applying Dimension Filter

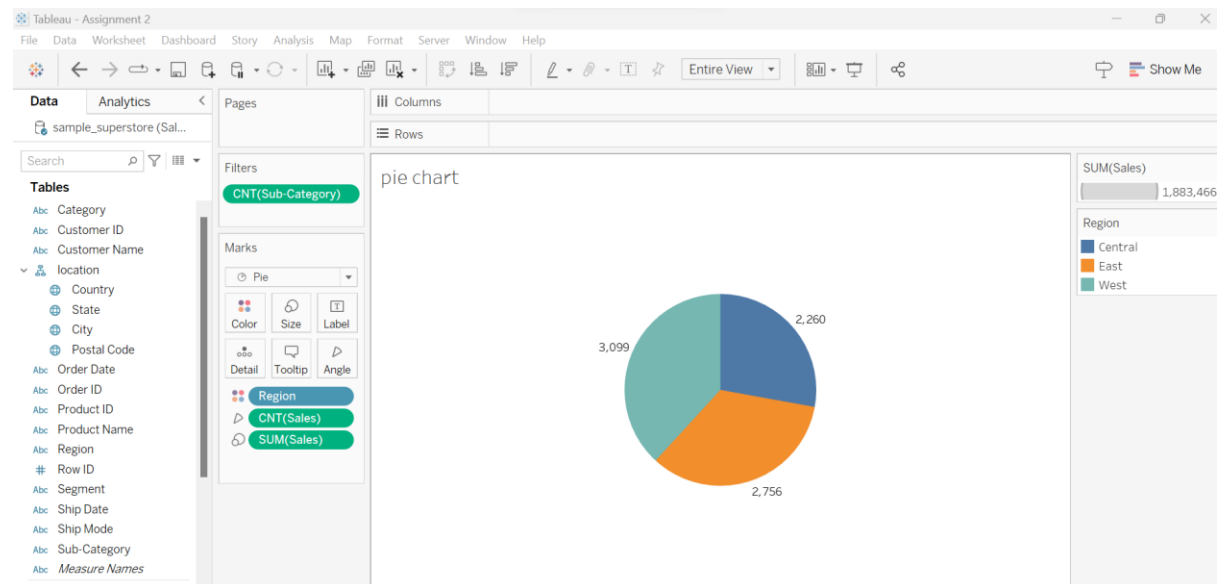
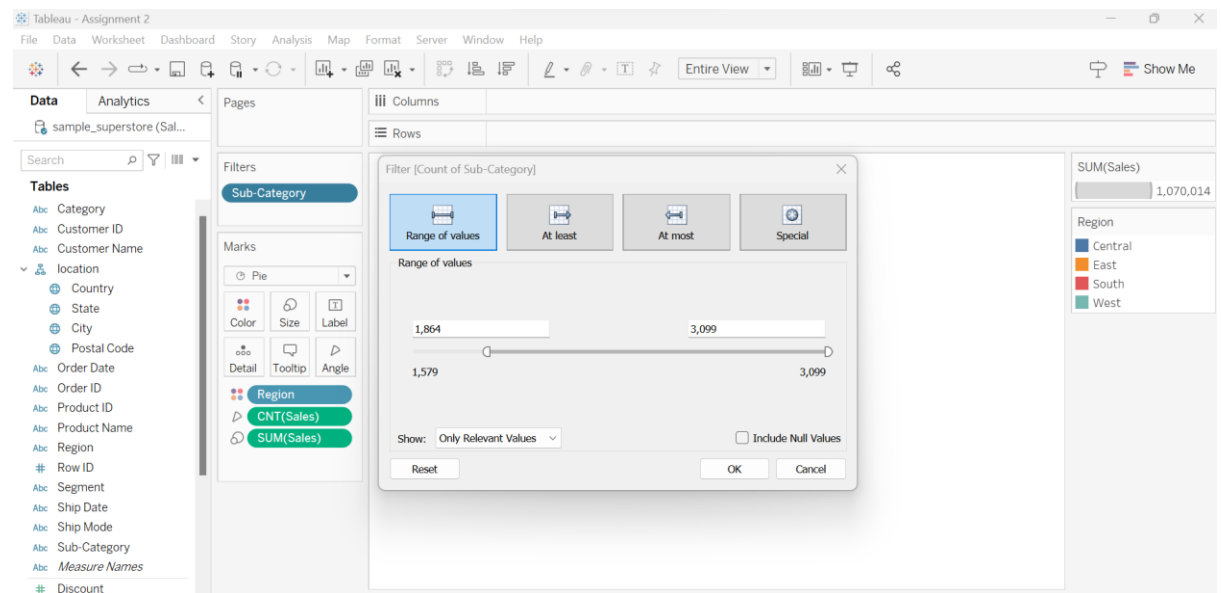




## Heat Map after Context Filter

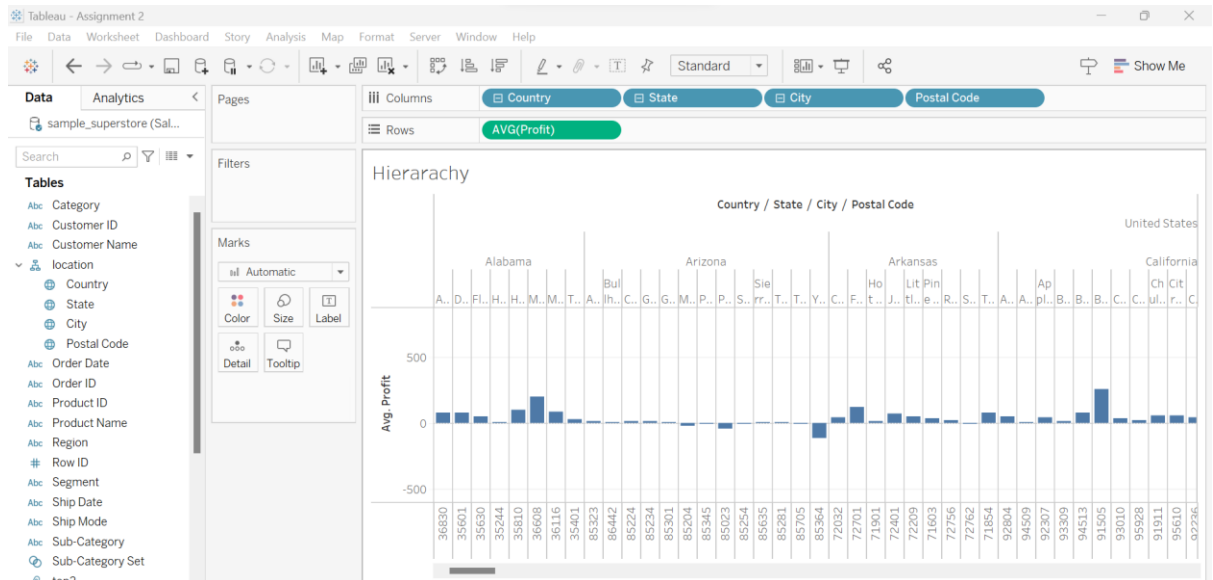


# Pie Chart After Measure Filter

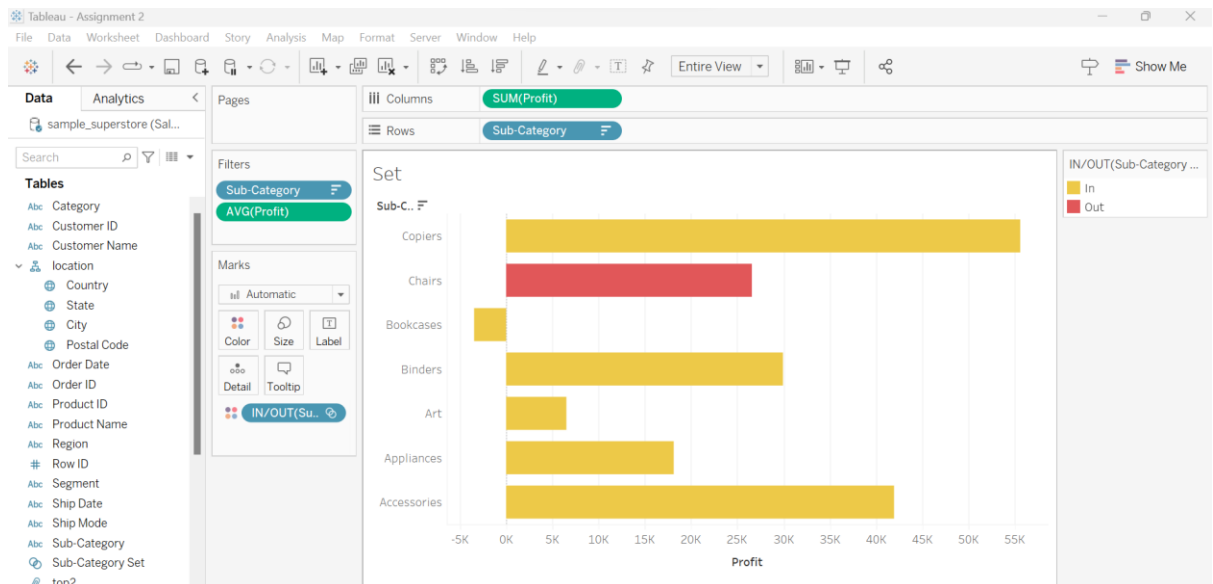


### 3. Create the following

#### Create Hierarchy



#### Create set



# Create Group

