

## 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**

**Name:** Aditya Sai Yogeeswar P

**Reg.No.:** 20BLC1129

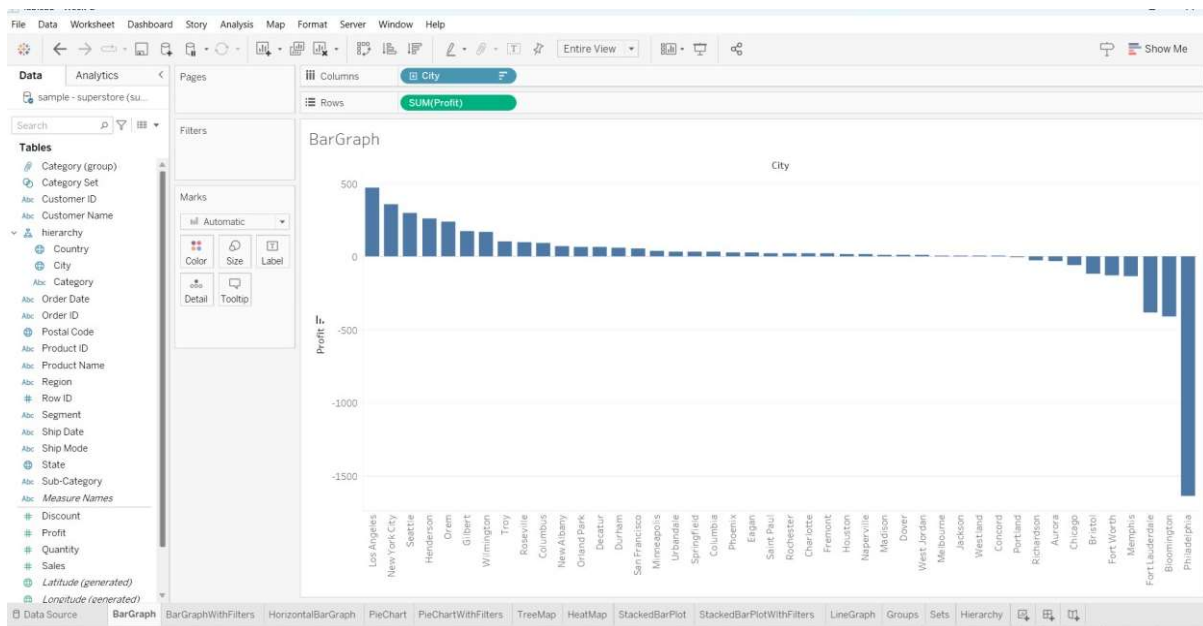
**Handled By:** Smartinternz-Data Analyst

**Dataset Used:** Superstore Dataset

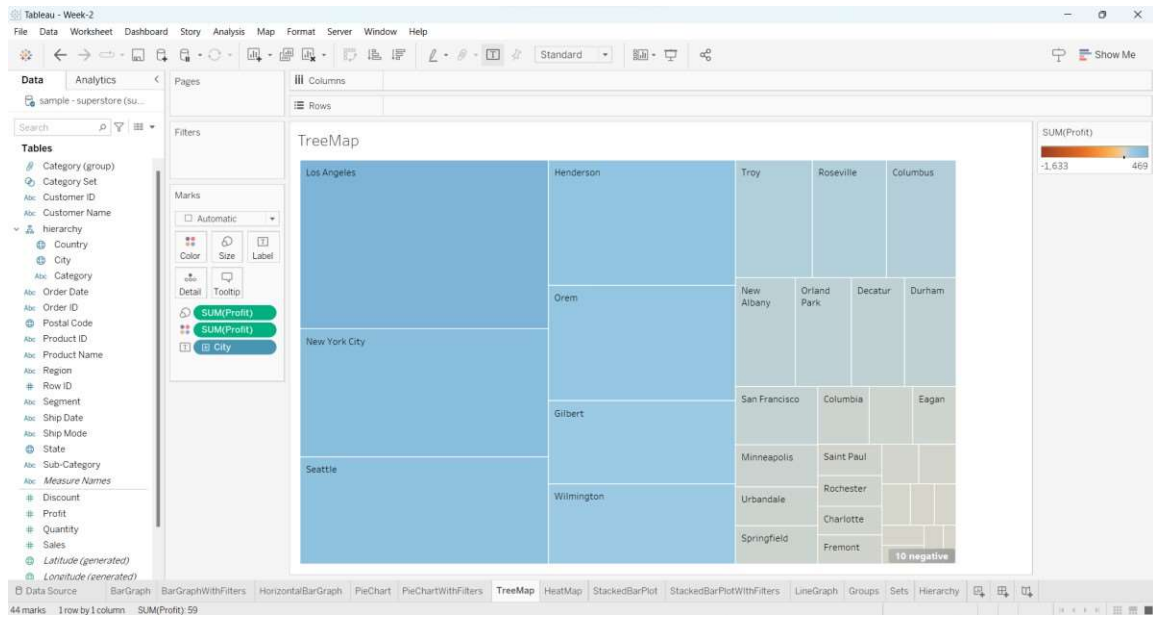
<https://www.kaggle.com/datasets/vivek468/superstore-dataset-final>

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

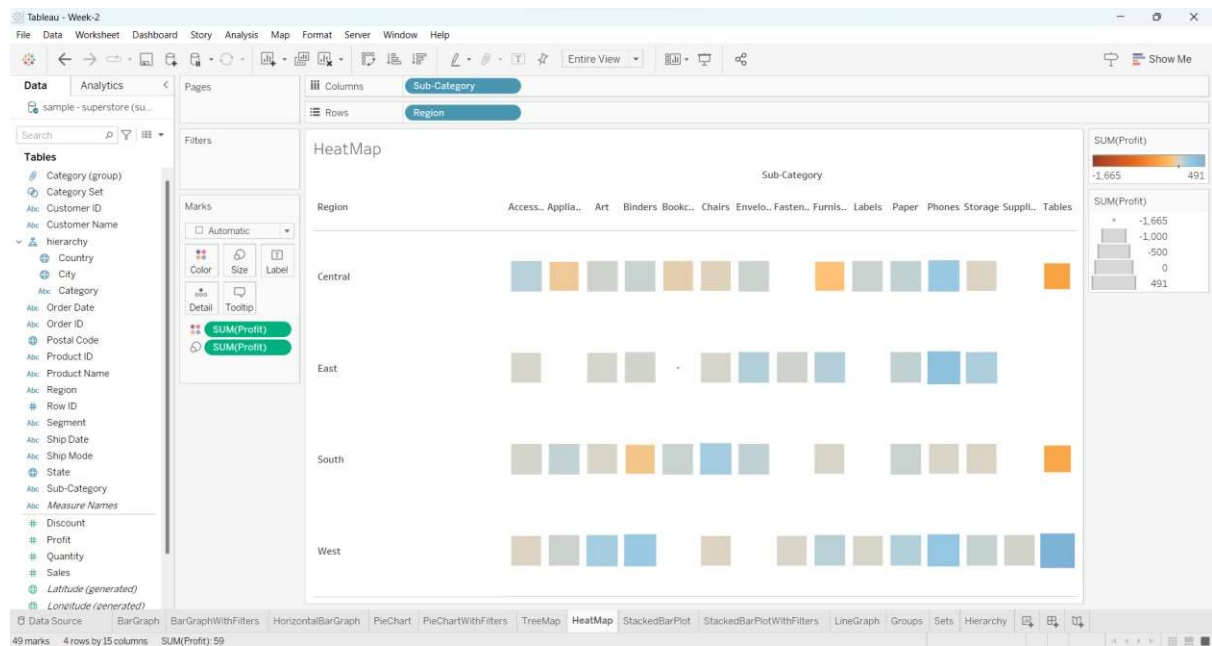
- Bar chart (between city and profit)



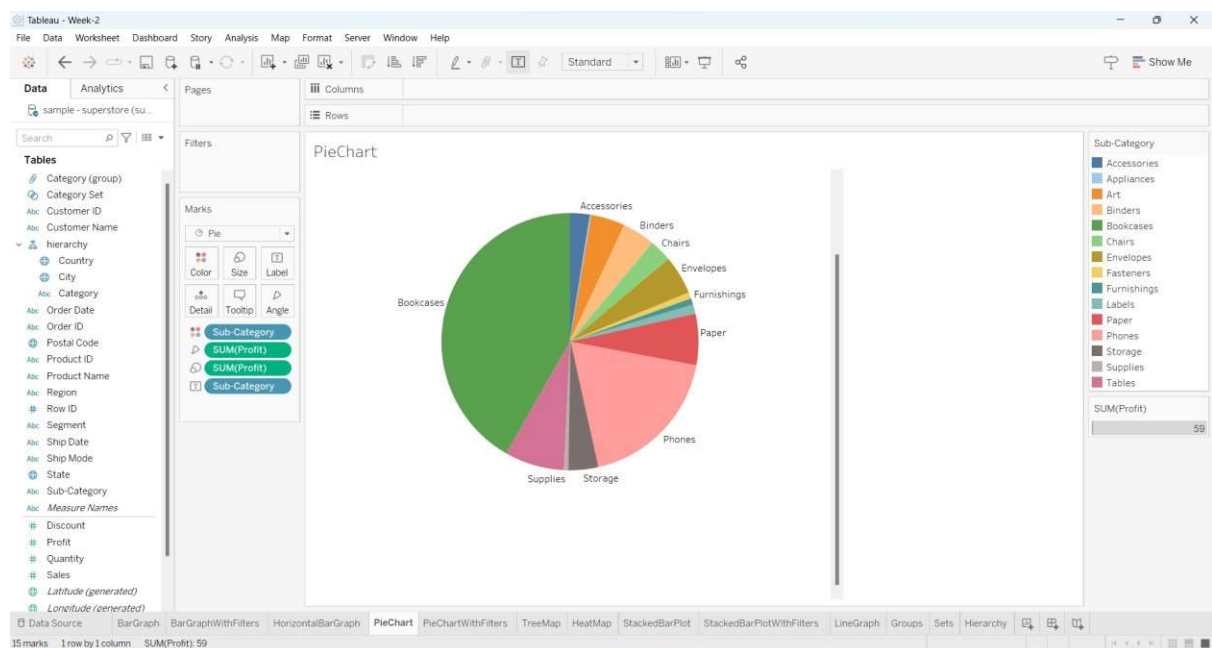
- Tree map (between city and profit)



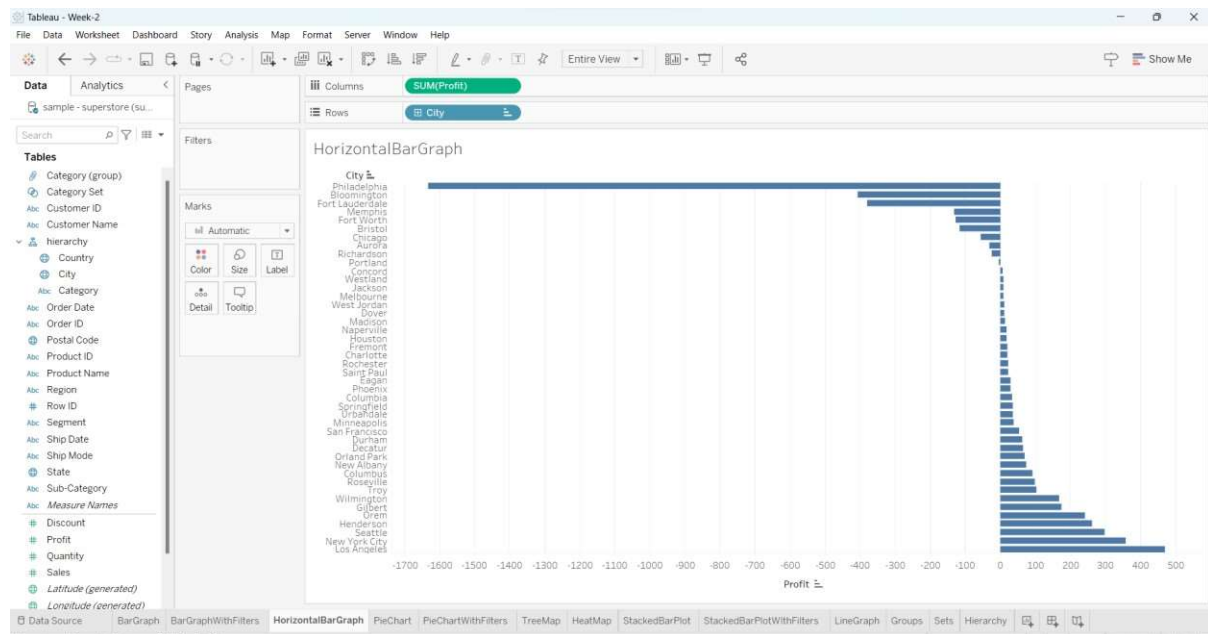
- Heatmap (between profit, subcategory and region)



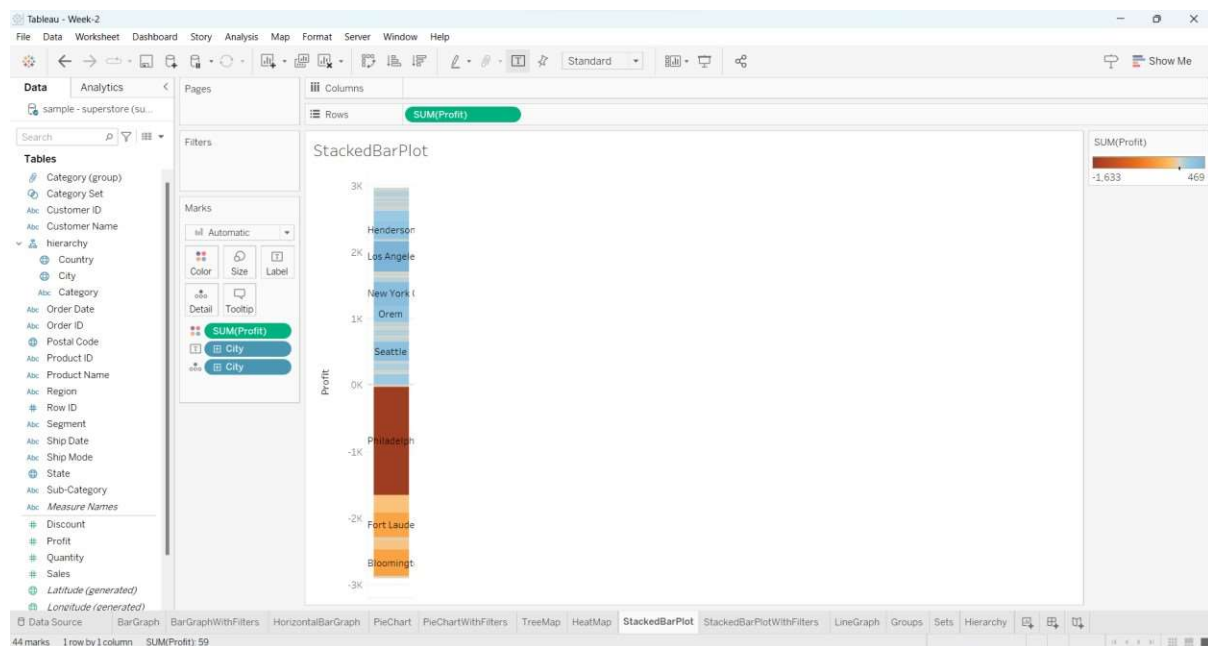
- Pie chart (between profit and subcategory)



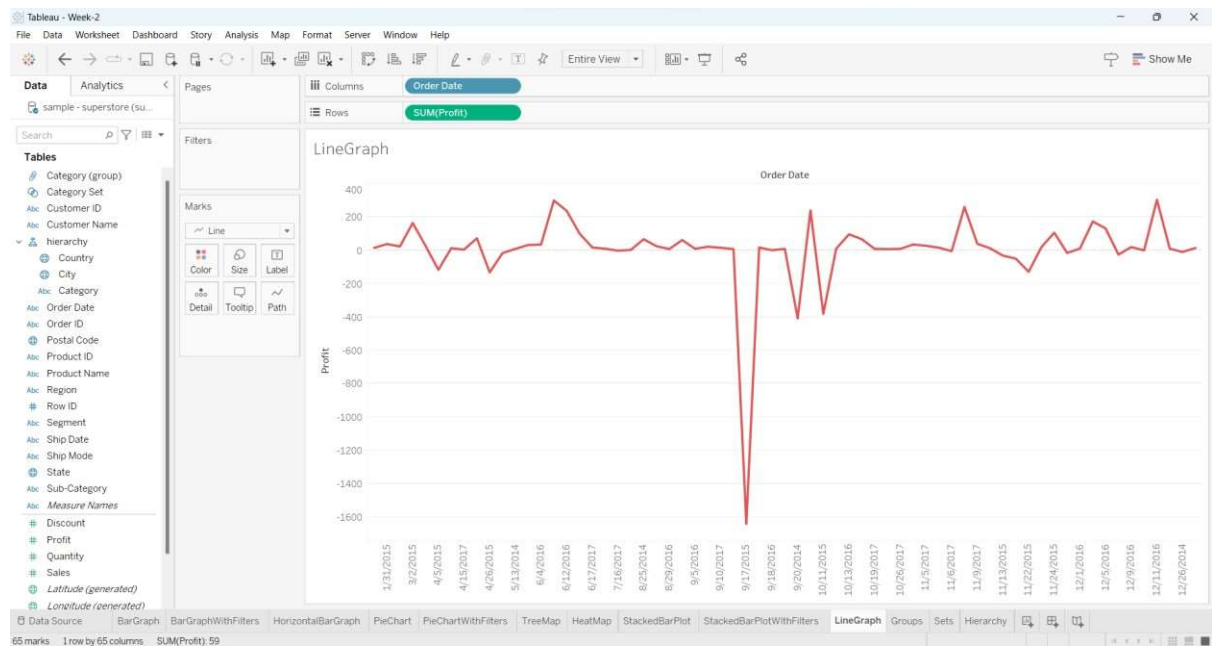
- Horizontal bar chart(between city and profit)



- Stacked bar chart(between city and profit)



- Line graph(between orderdate and profit)

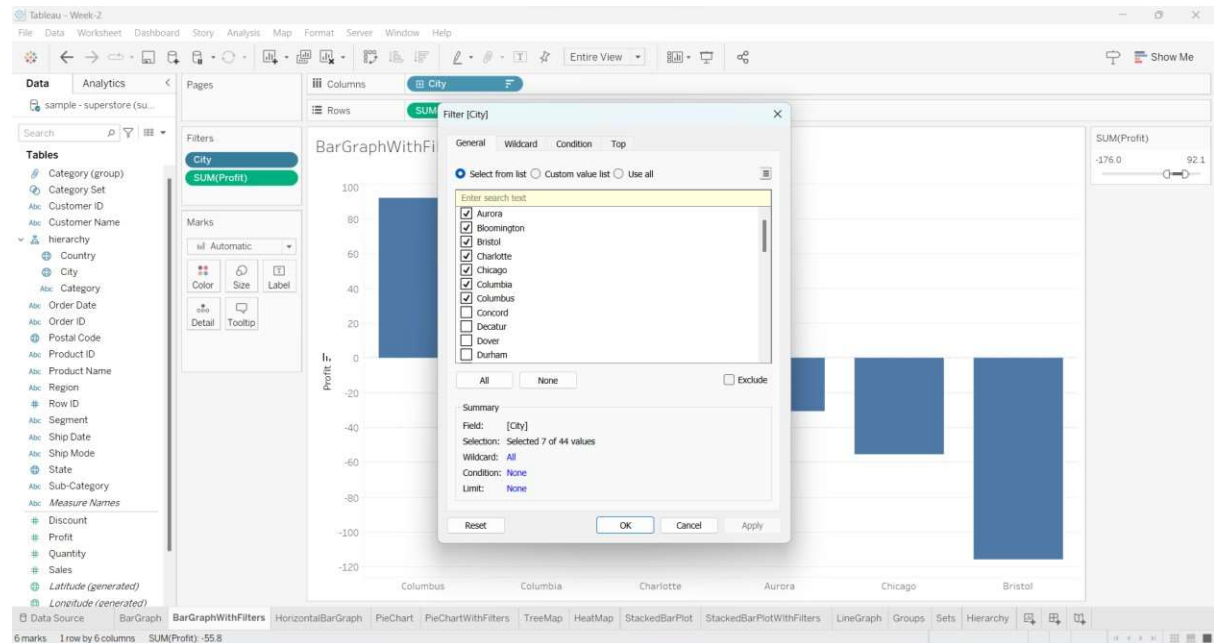


## 2) Apply dimension filter, context and measure filter on any of the three visualizations

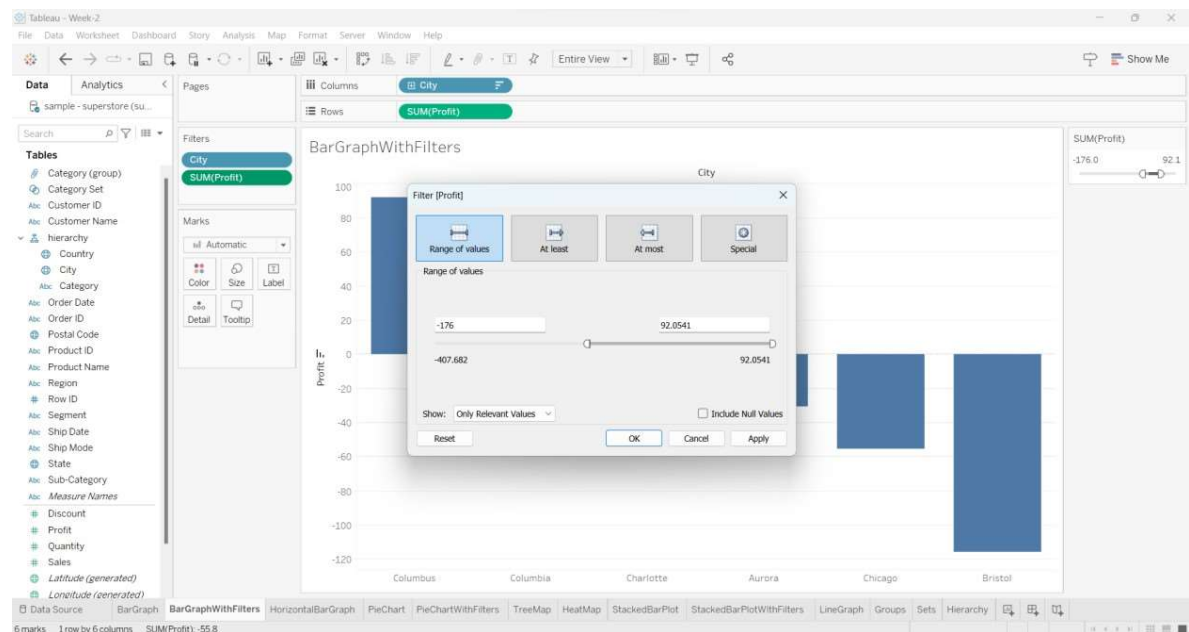
### • Bar Chart with filters

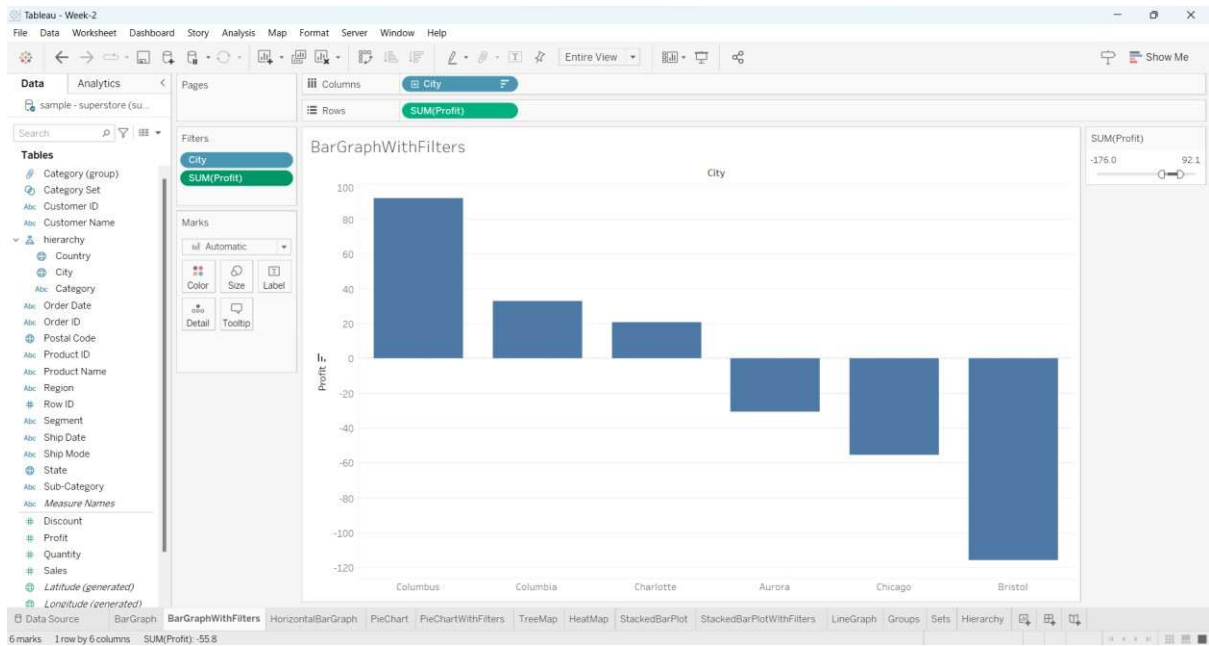
### Context filter applied

### Dimension Filter to remove some of the cities



### Measure filter is applied to limit the range of profit

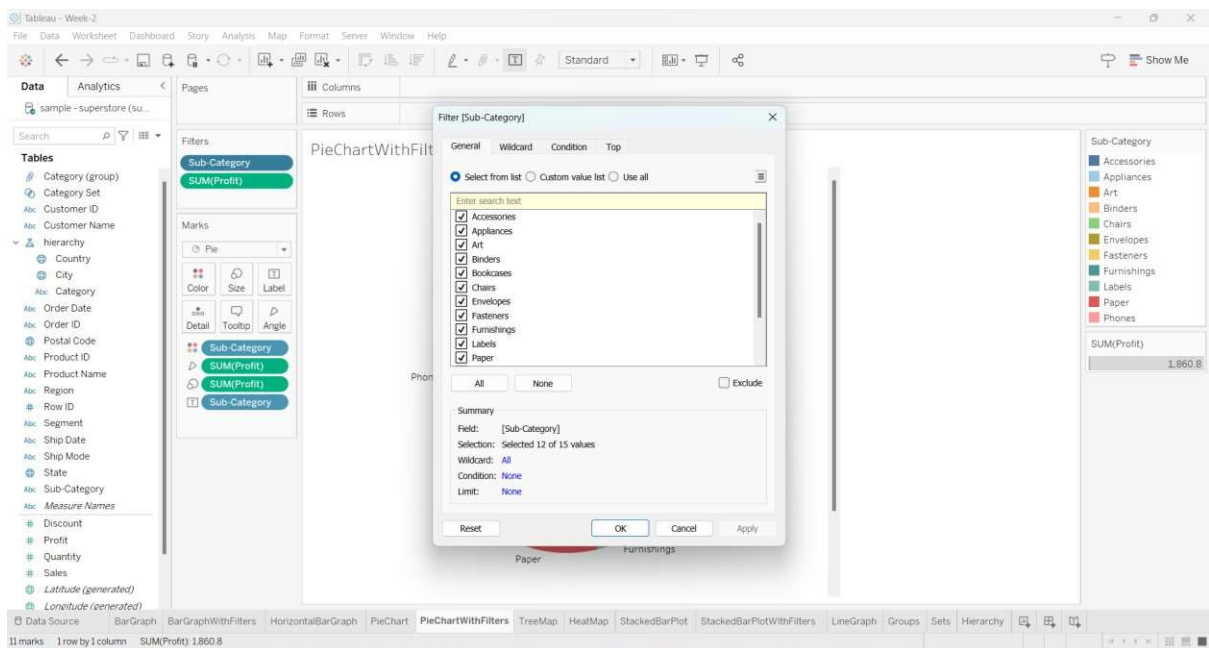




## ● Pie Chart with filters

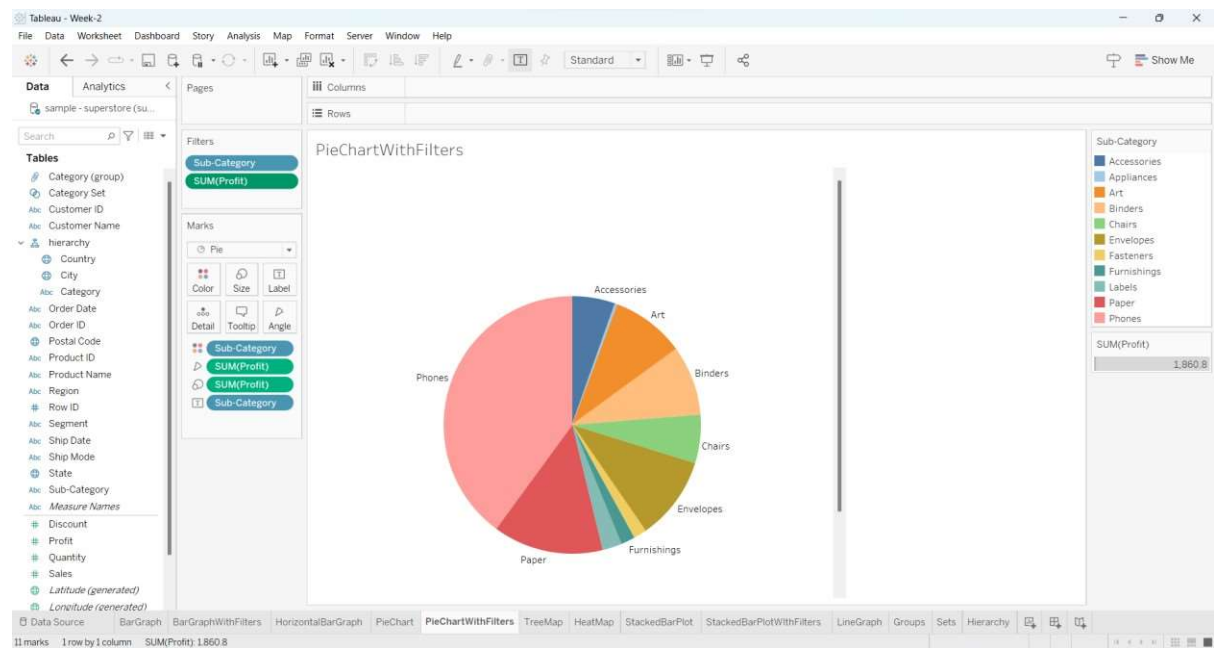
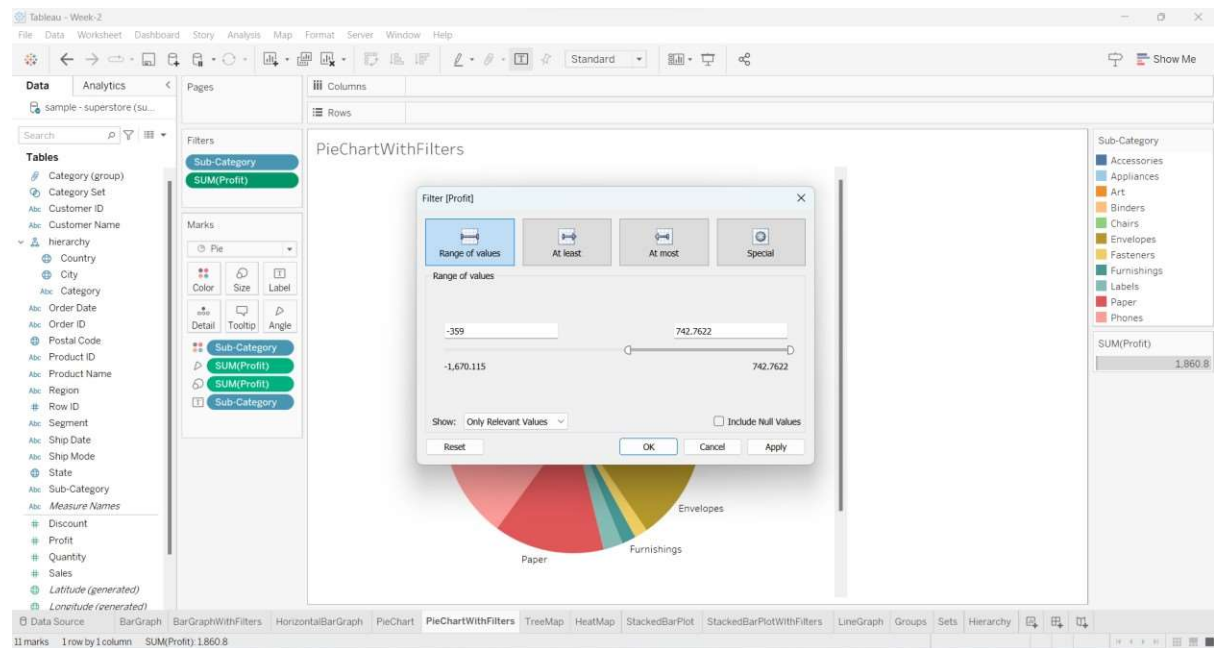
Context filter applied

Dimension Filter to remove some of the subcategories





## Measure filter is applied to limit the range of profit

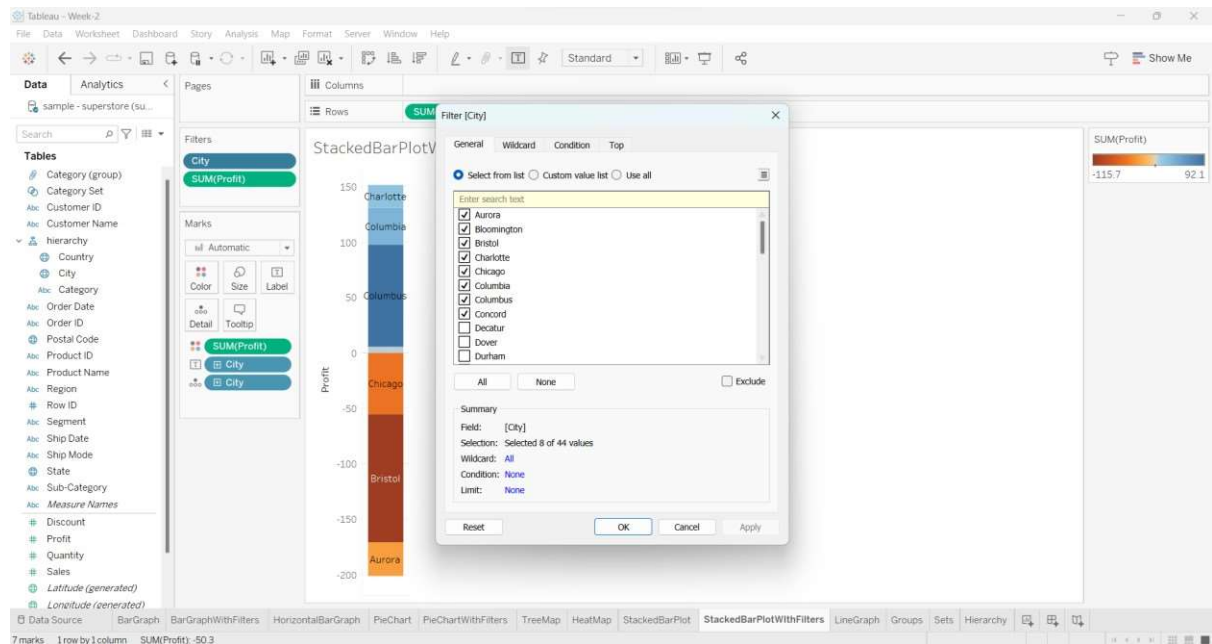




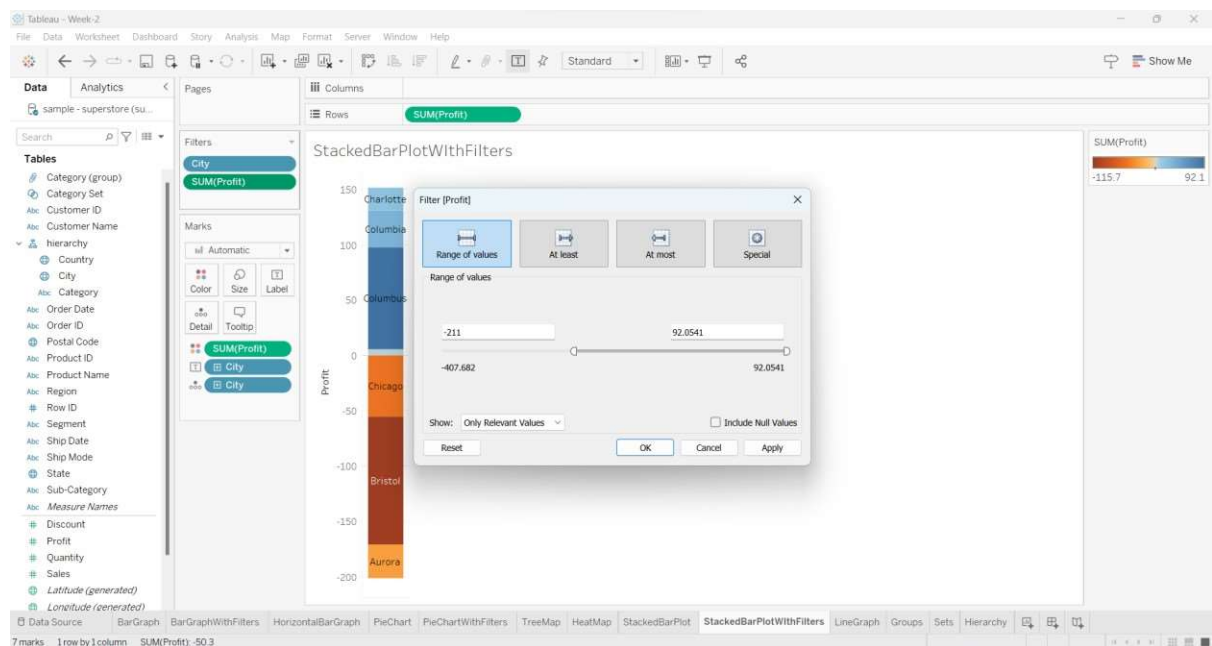
## ● Stacked Bar Chart with filters

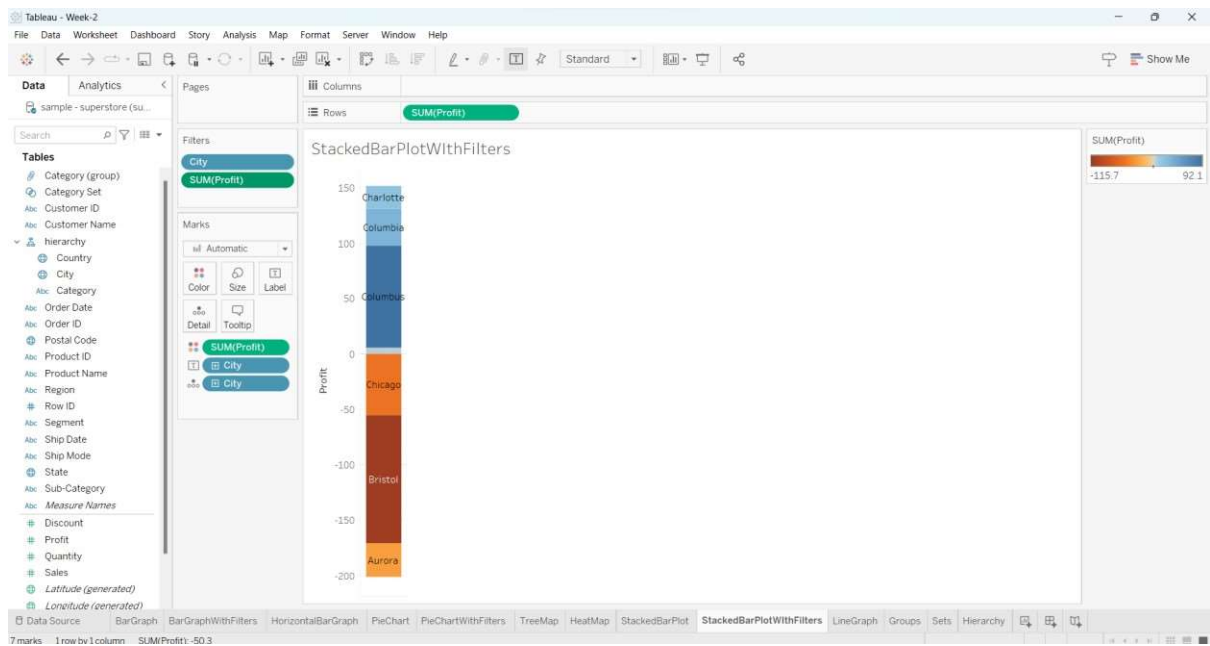
### Context filter applied

### Dimension Filter to remove some of the subcategories



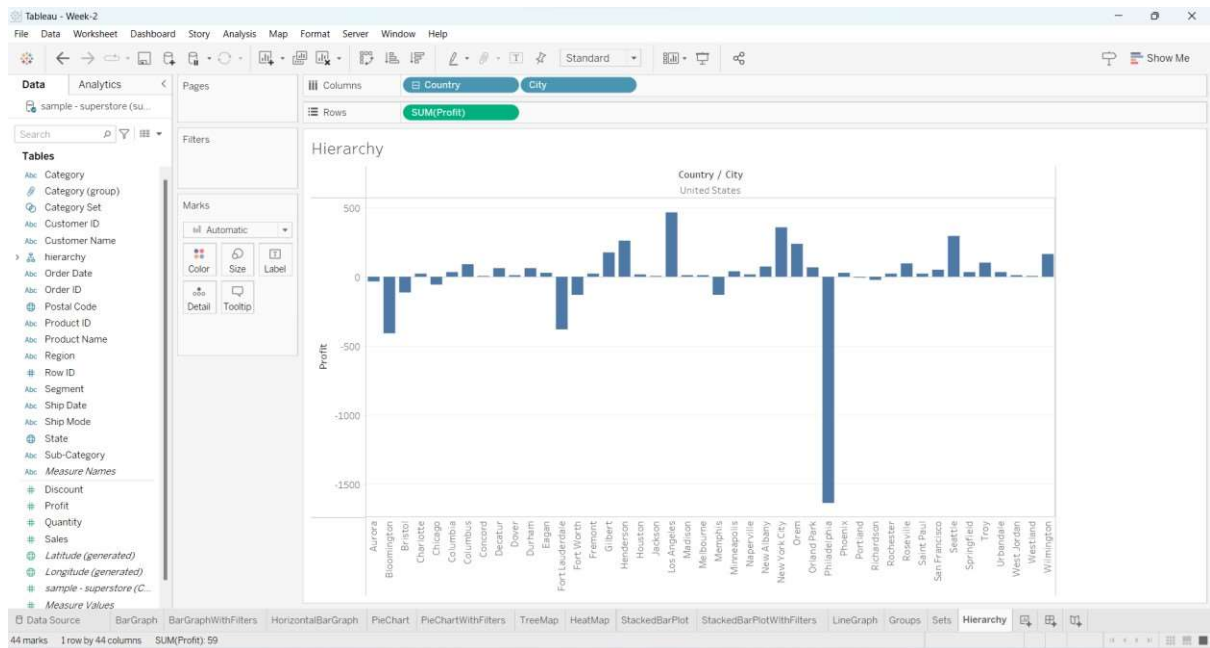
### Measure filter is applied to limit the range of profit



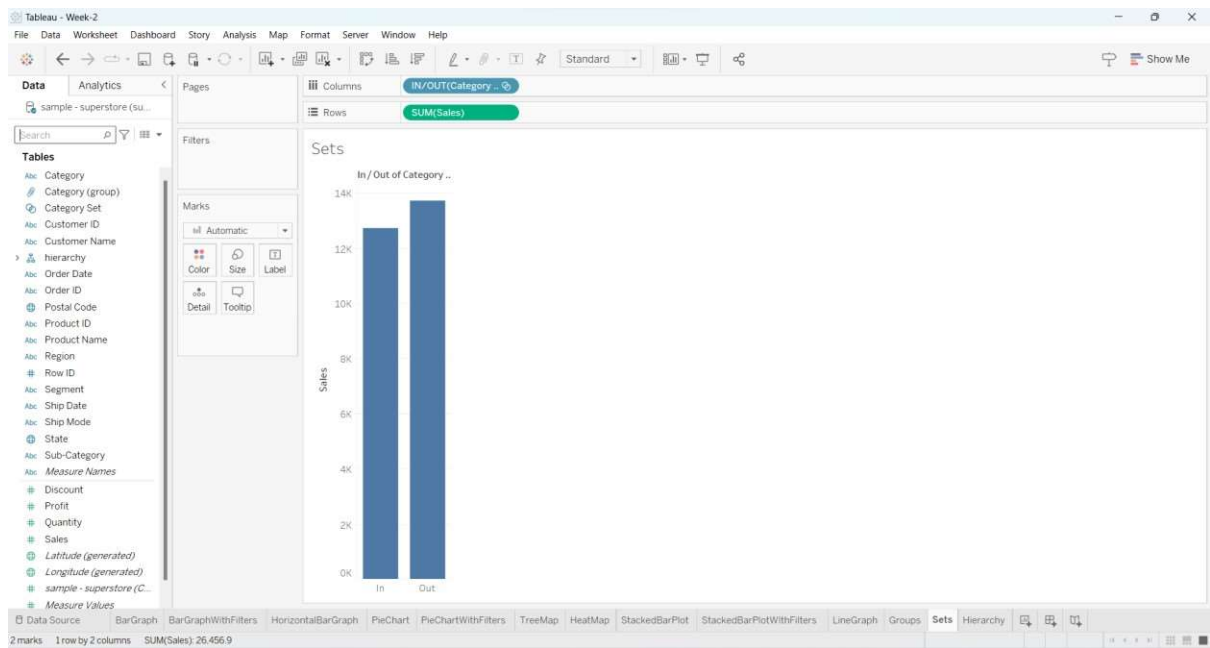


### 3) Perform the following data manipulations on your dataset

- Hierarchy(city and country)



- set(technology and office supplies as one set)



- group(furniture and technology as one group)

