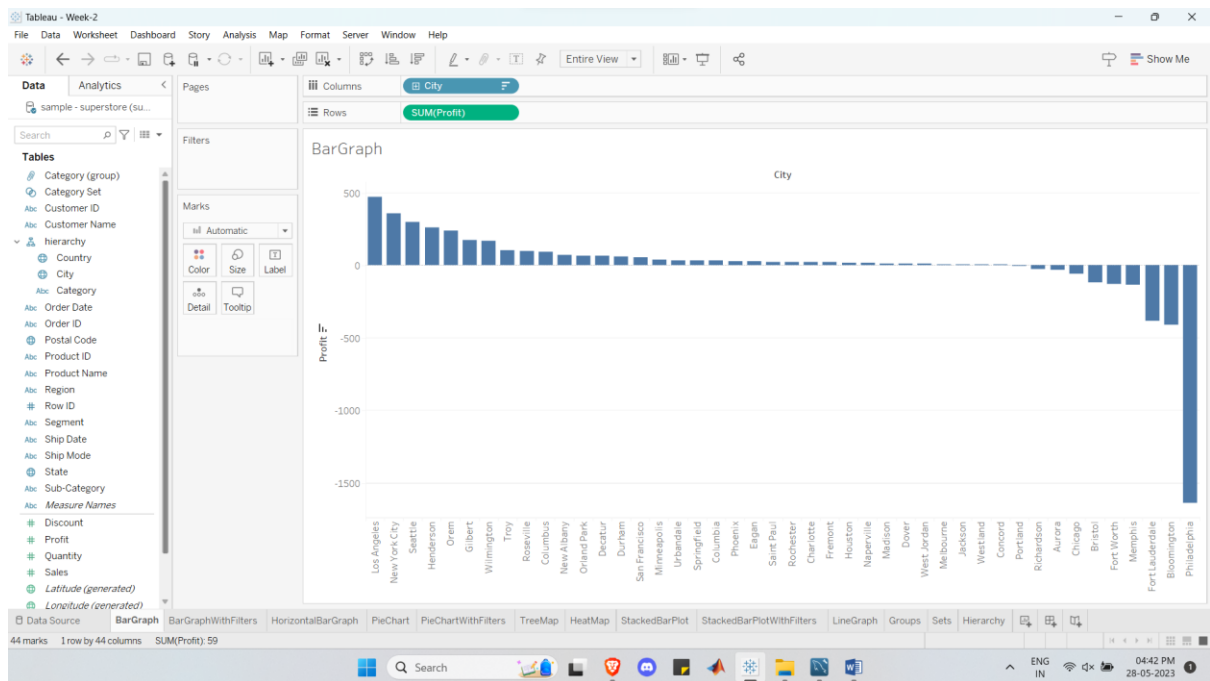**SRI HARSHAVARDHAN PALLA**
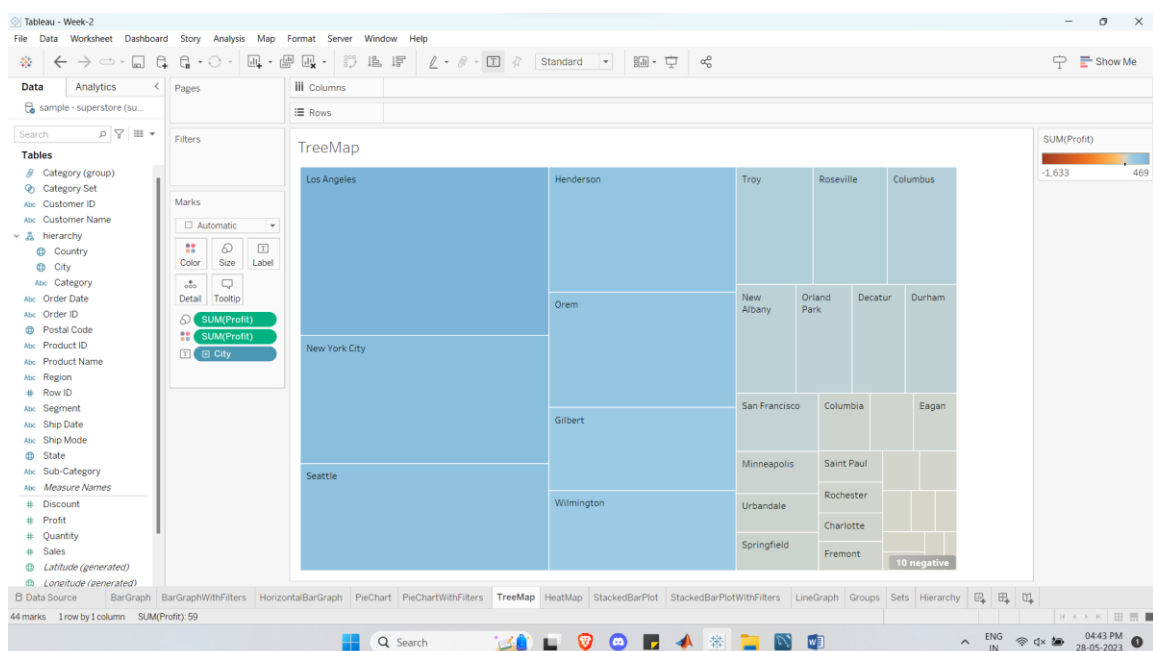**20BCE1308**
VIT CHENNAI

ASSIGNMENT-2

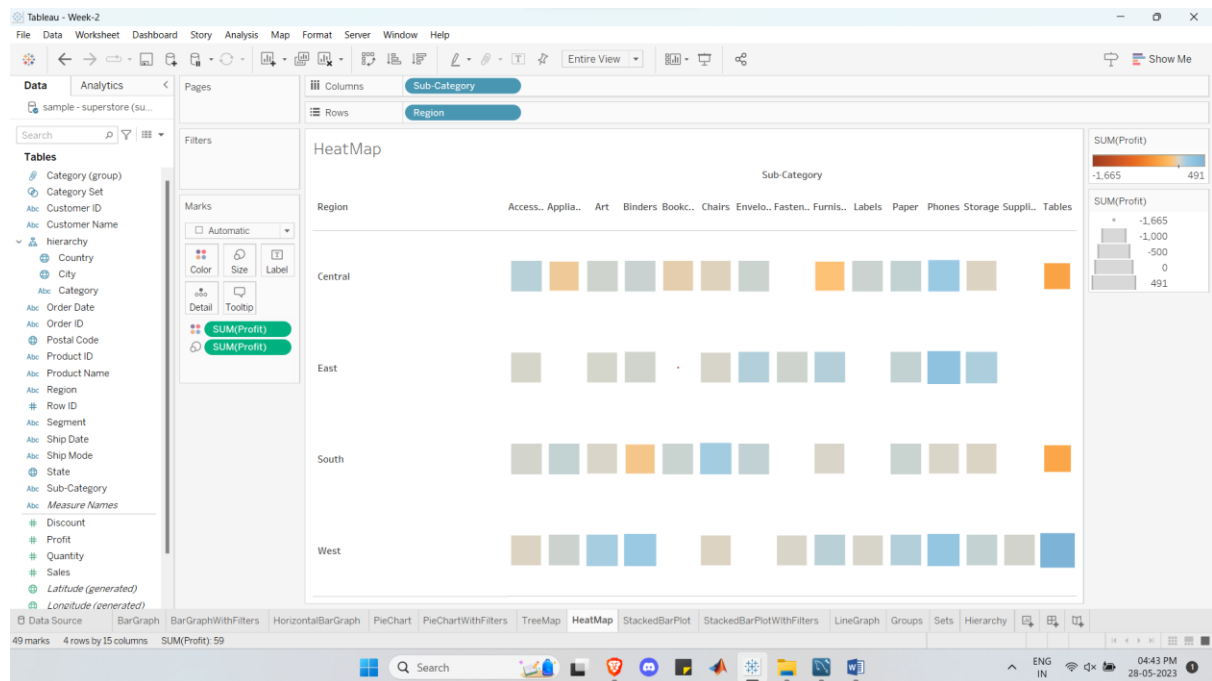## 1) Create any 7 data visualizations/charts and perform the following
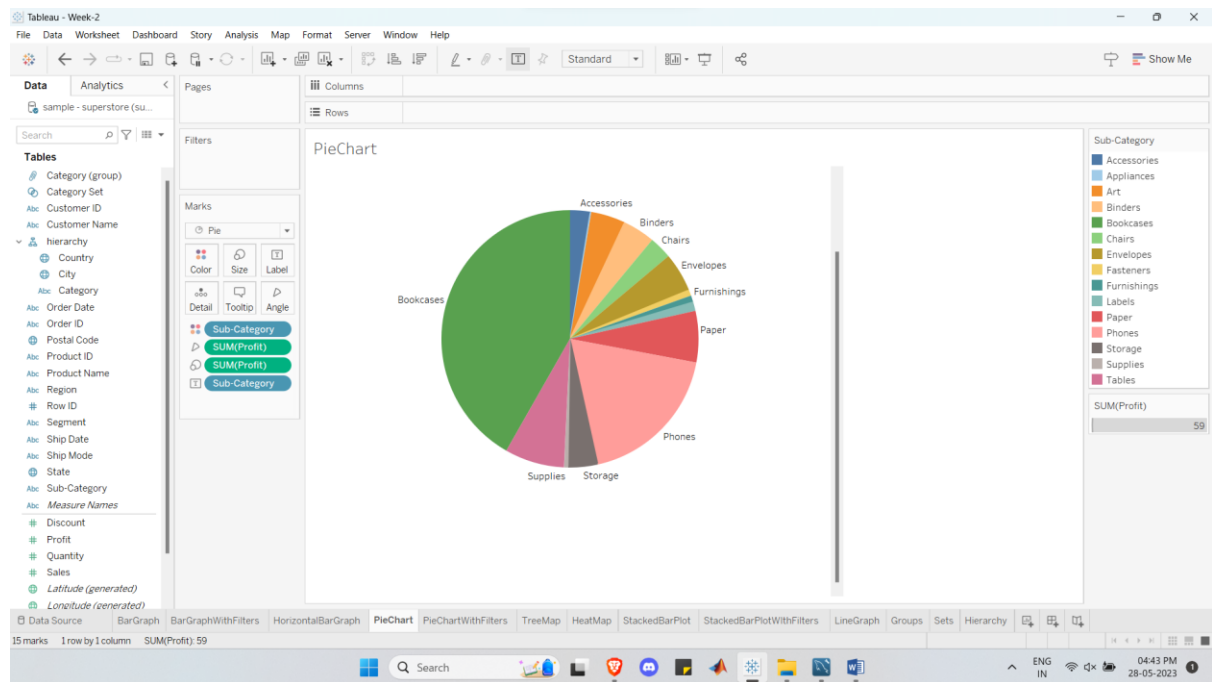
● Bar chart (between city and profit)
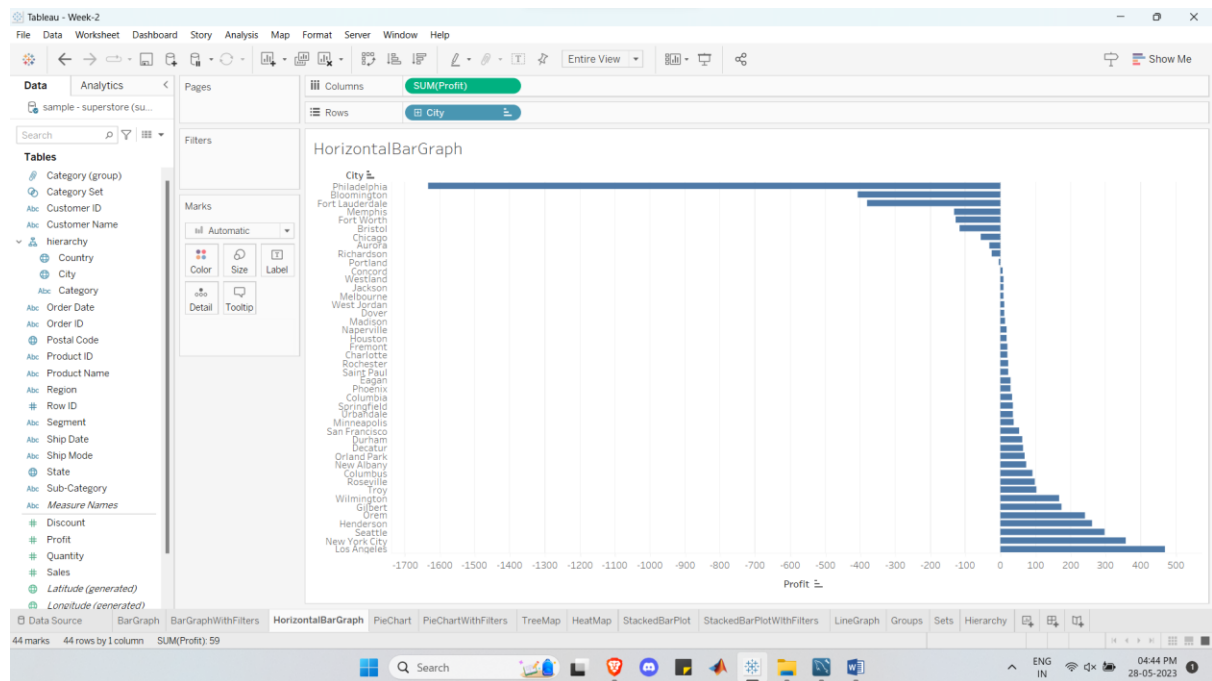

● Tree map (between city and profit)

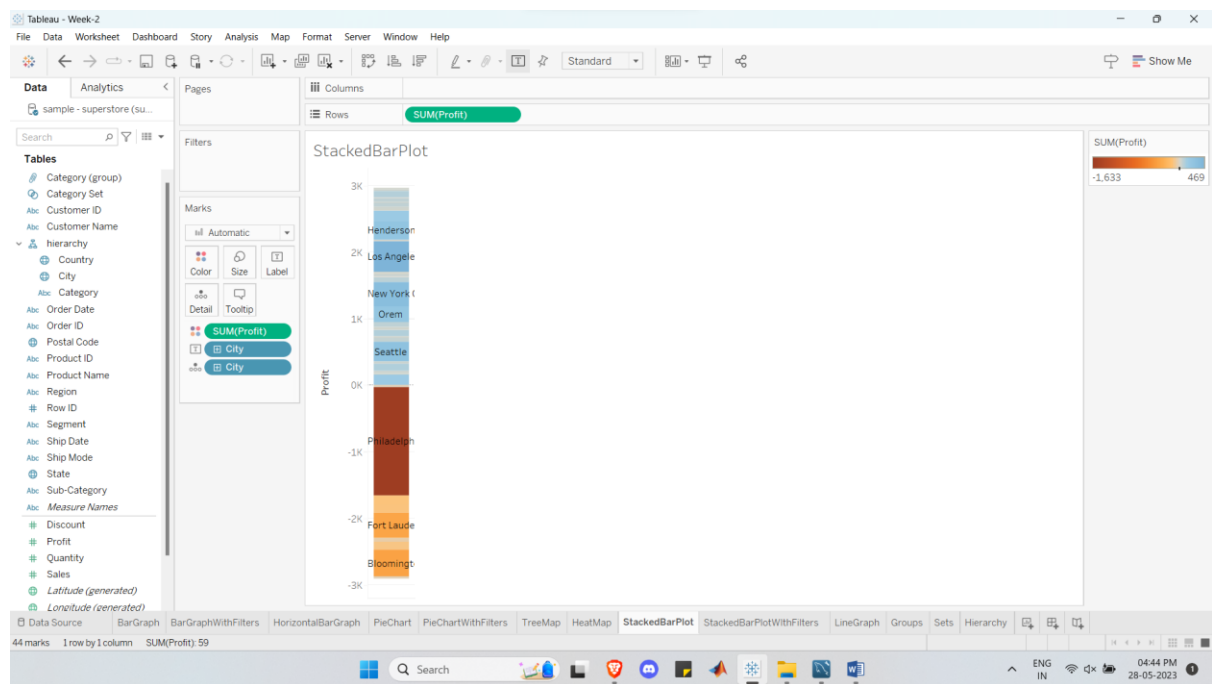● Heatmap (between profit, subcategory and region)
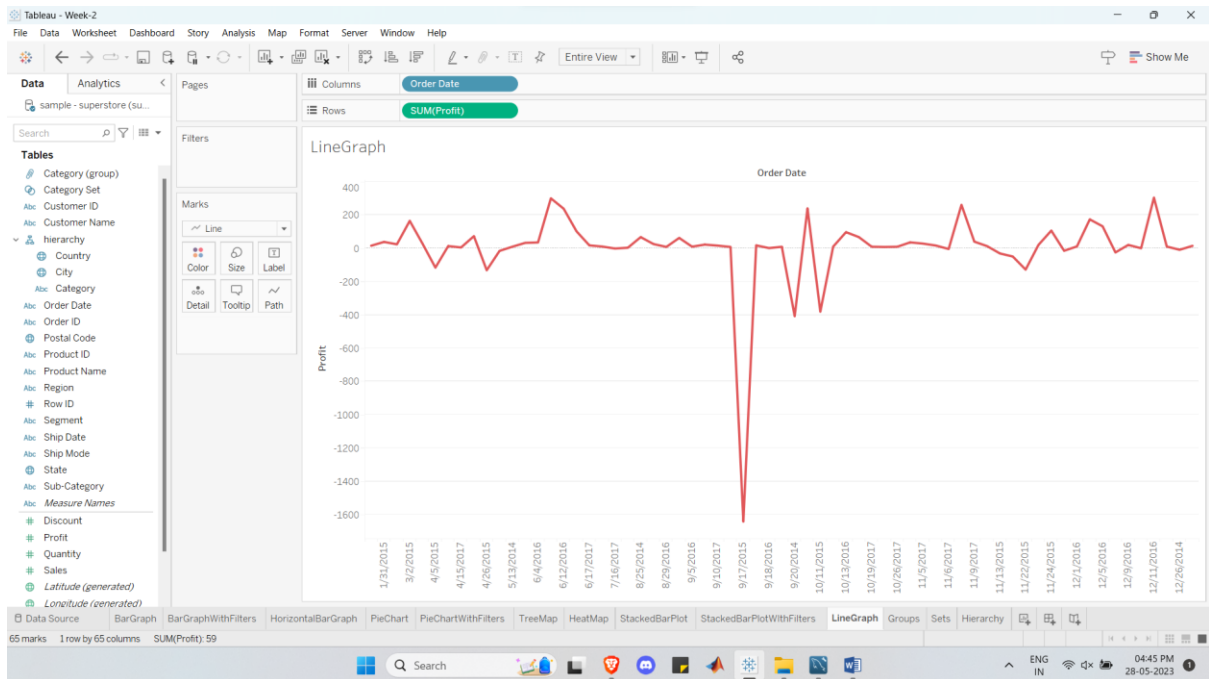

● Pie chart (between profit and subcategory)

● Horizontal bar chart(between city and profit)

● Stacked bar chart(between city and profit)

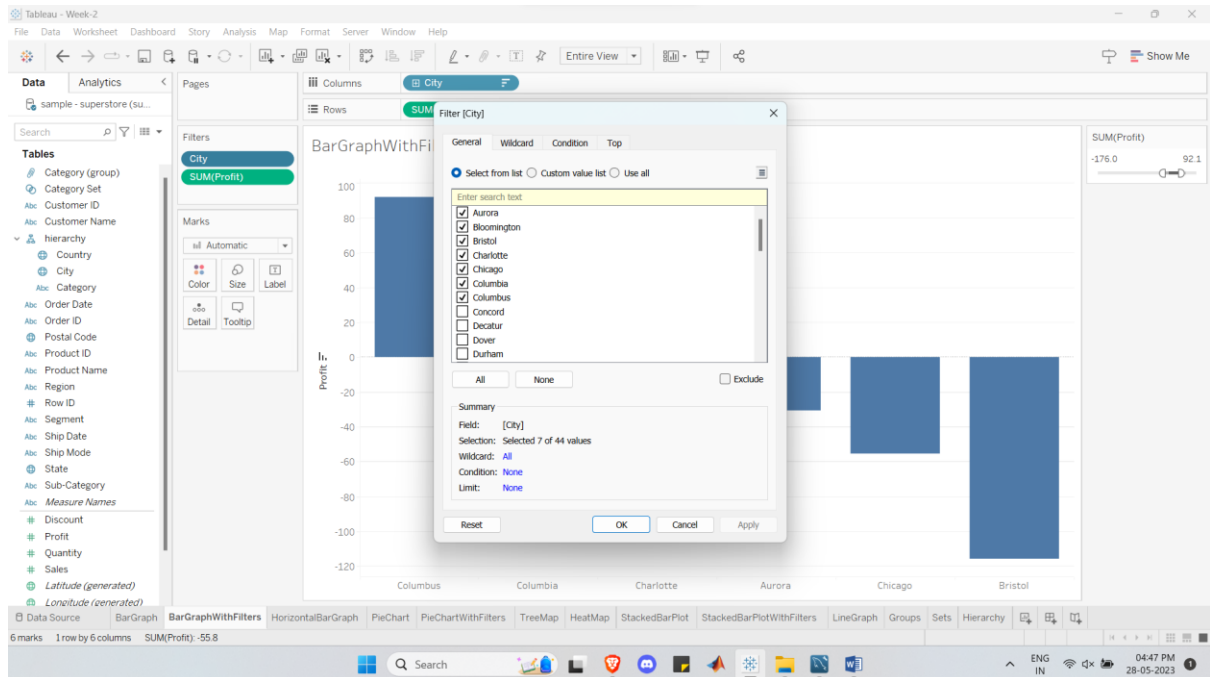● Line graph(between orderdate and profit)

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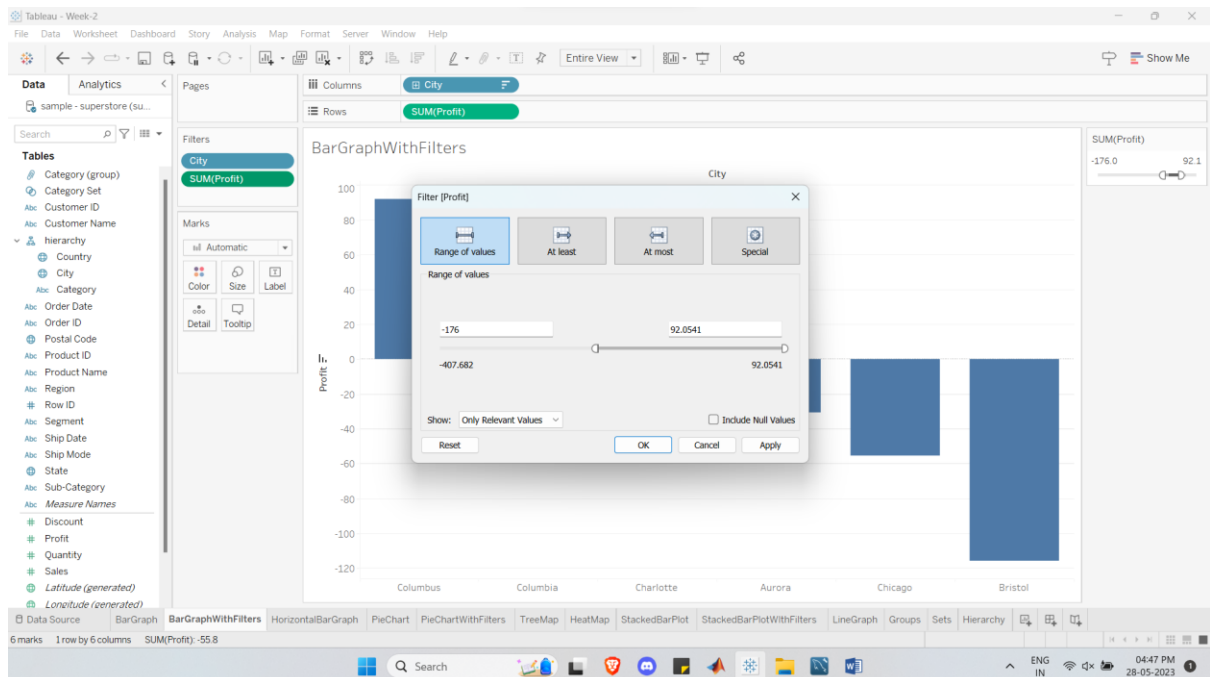
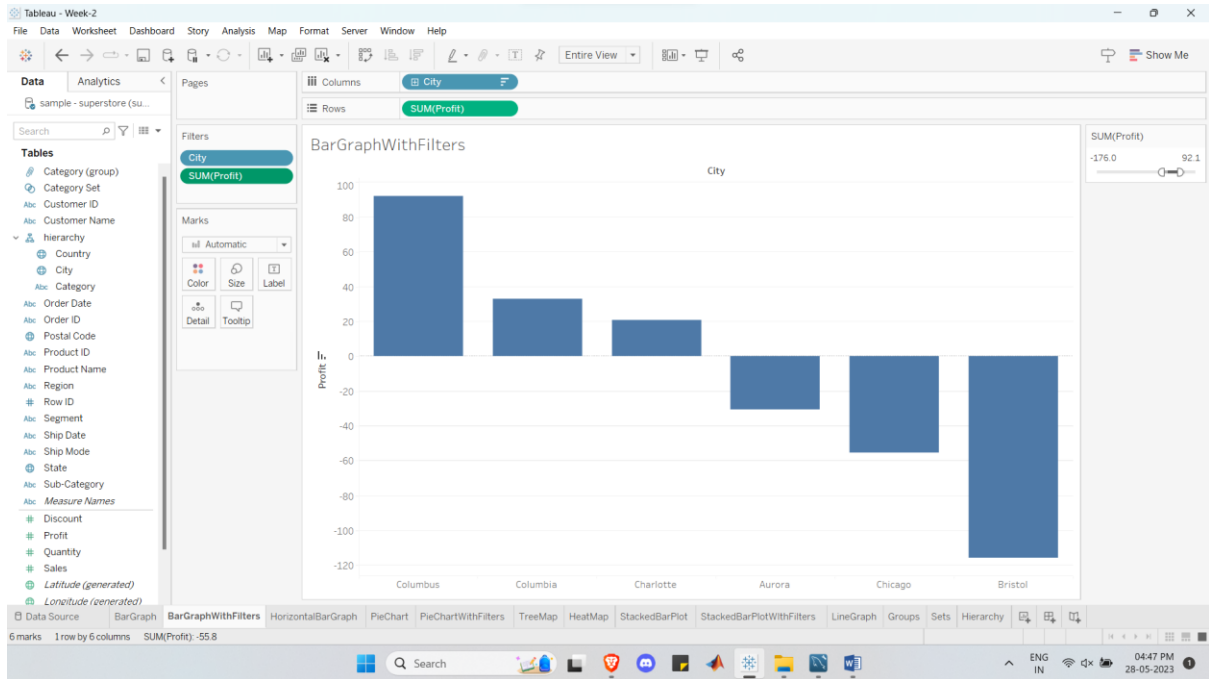**visualizations**

● Bar Chart with filters

Context filter applied

Dimension Filter to remove some of the cities

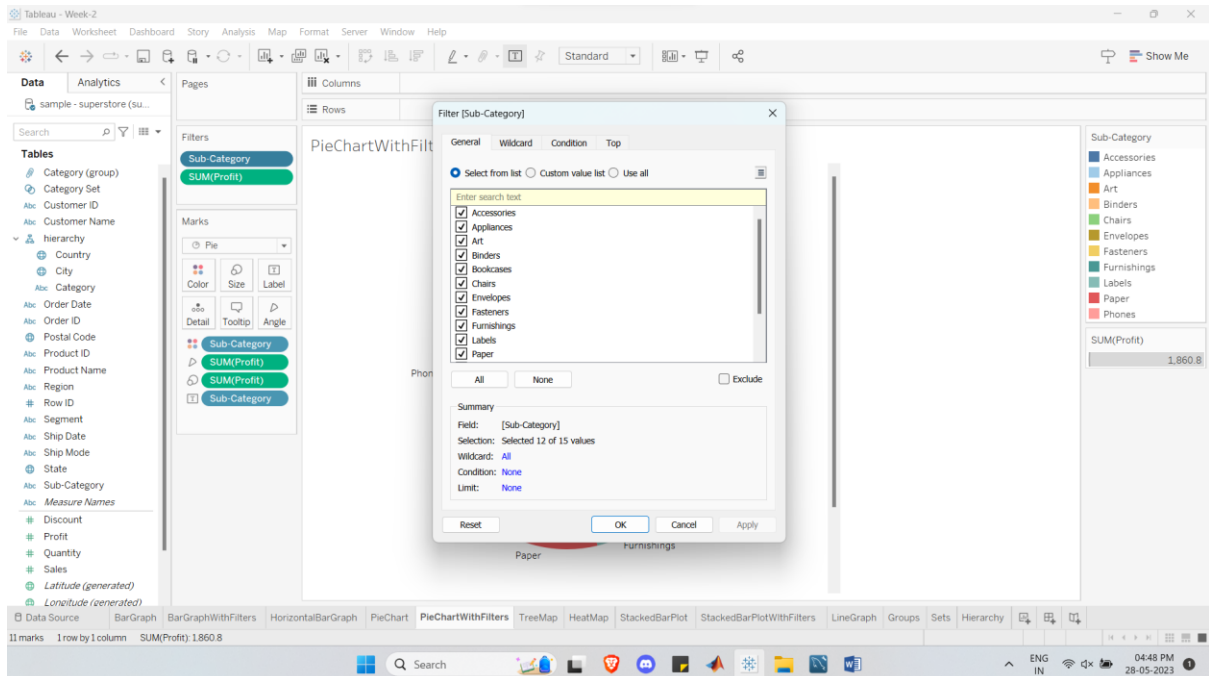**Measure filter is applied to limit the range of profit**

● **Pie Chart with filters**

Context filter applied

Dimension Filter to remove some of the subcategories

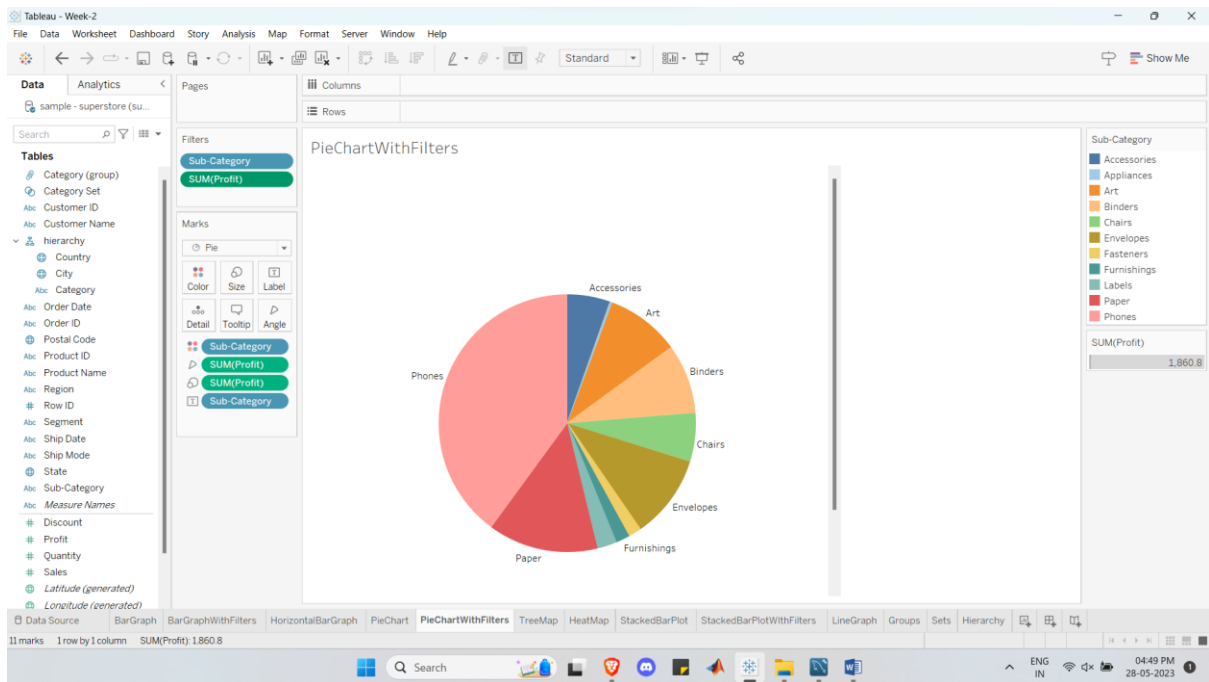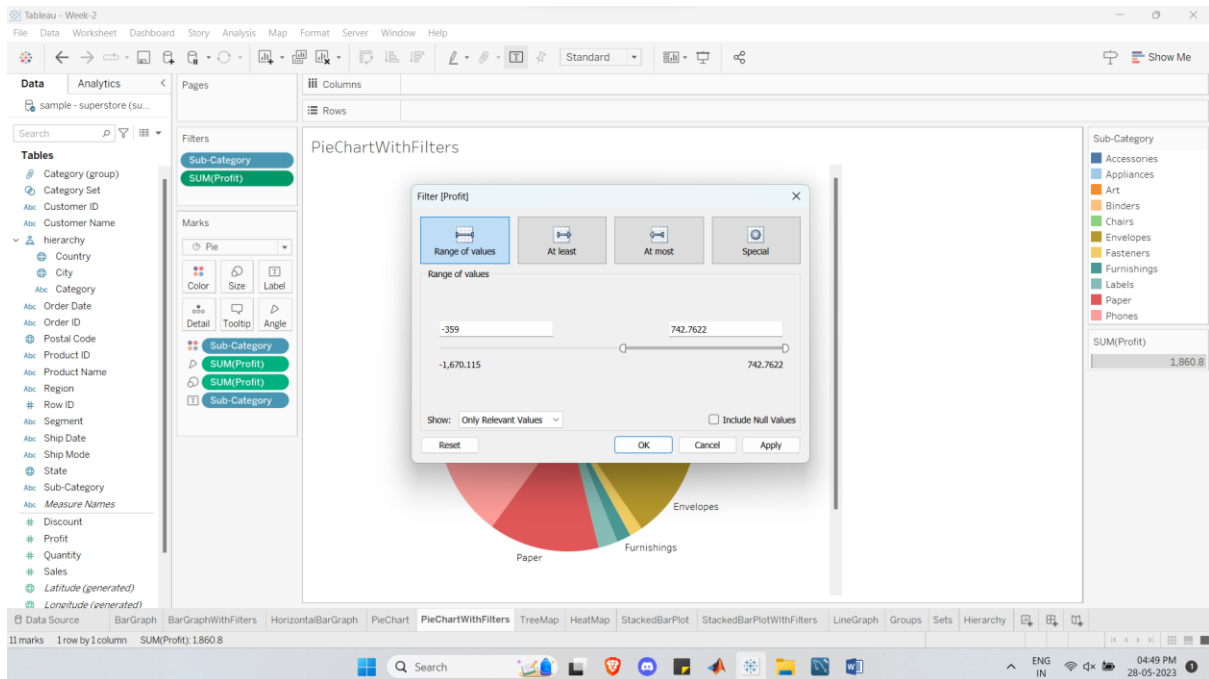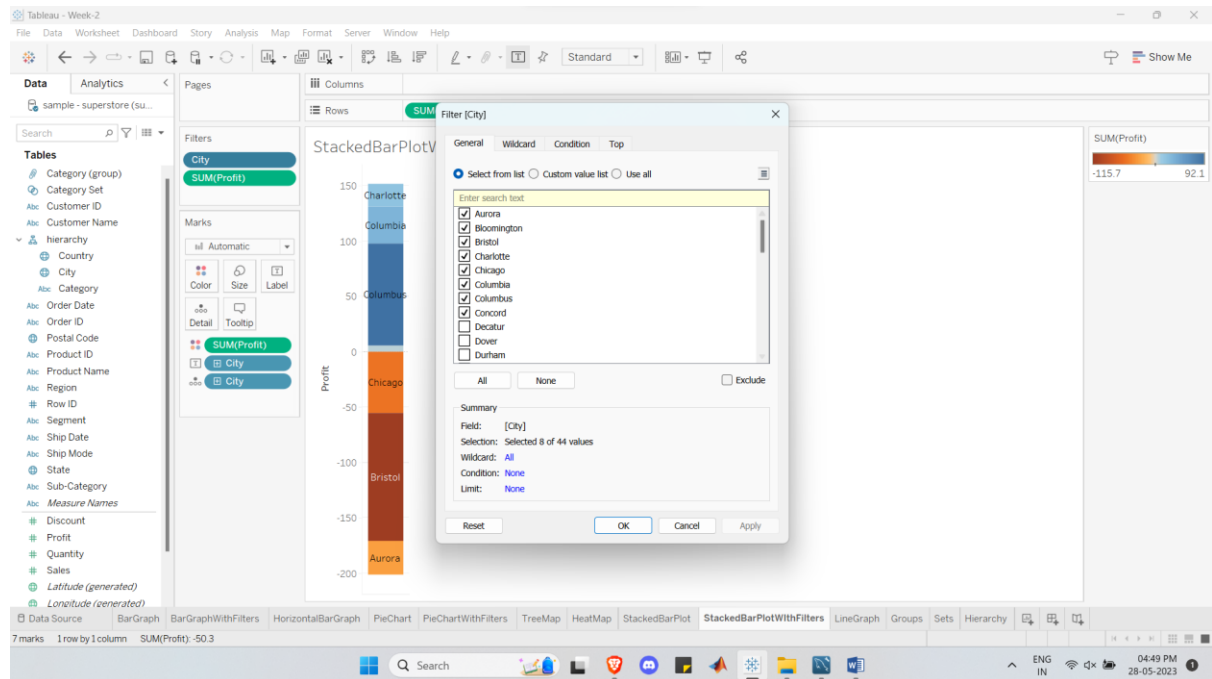**Measure filter is applied to limit the range of profit**

● Stacked Bar Chart with filters

Context filter applied

Dimension Filter to remove some of the subcategories

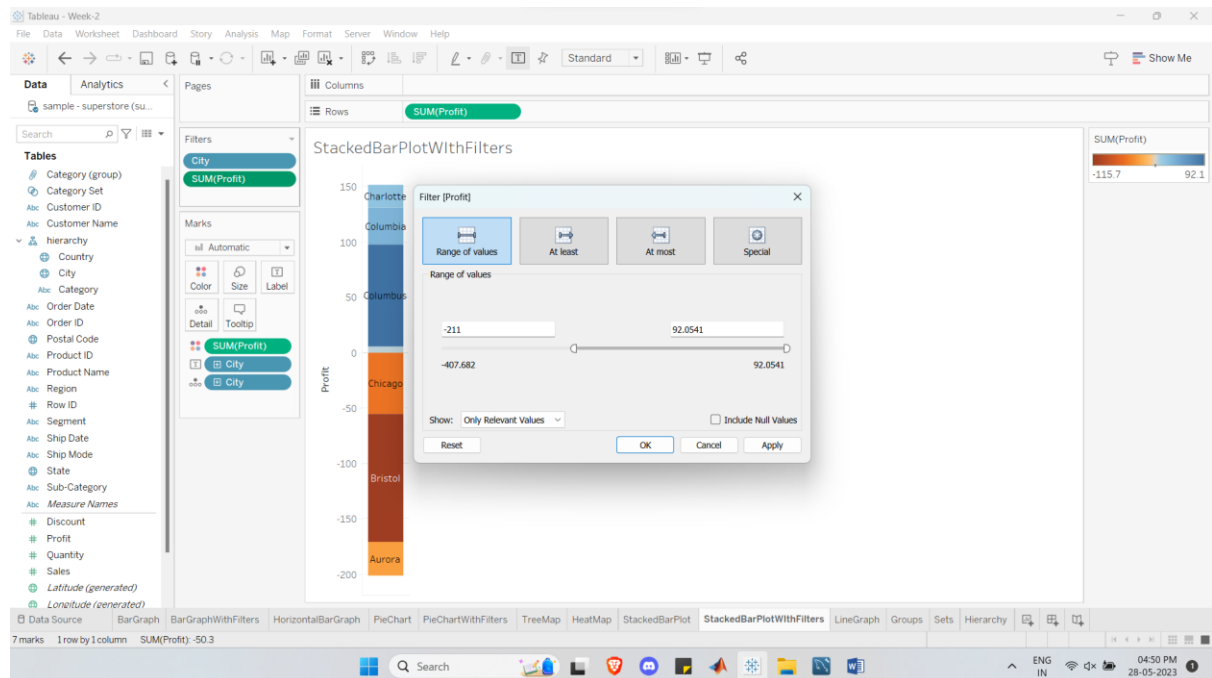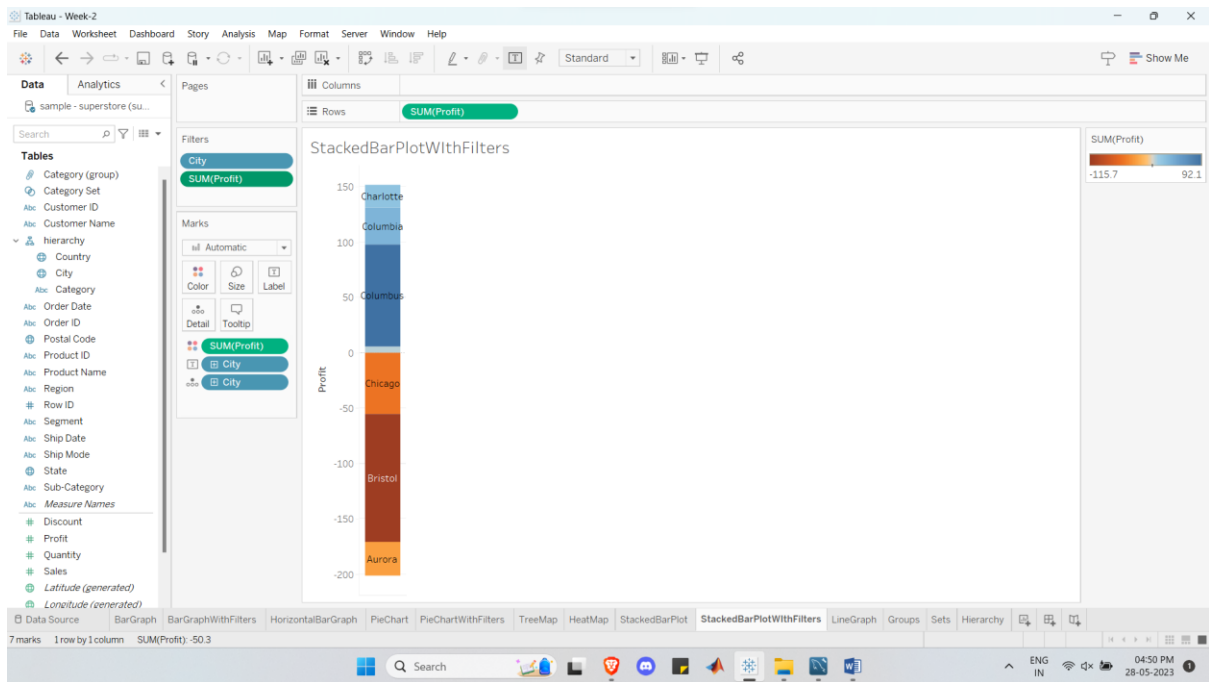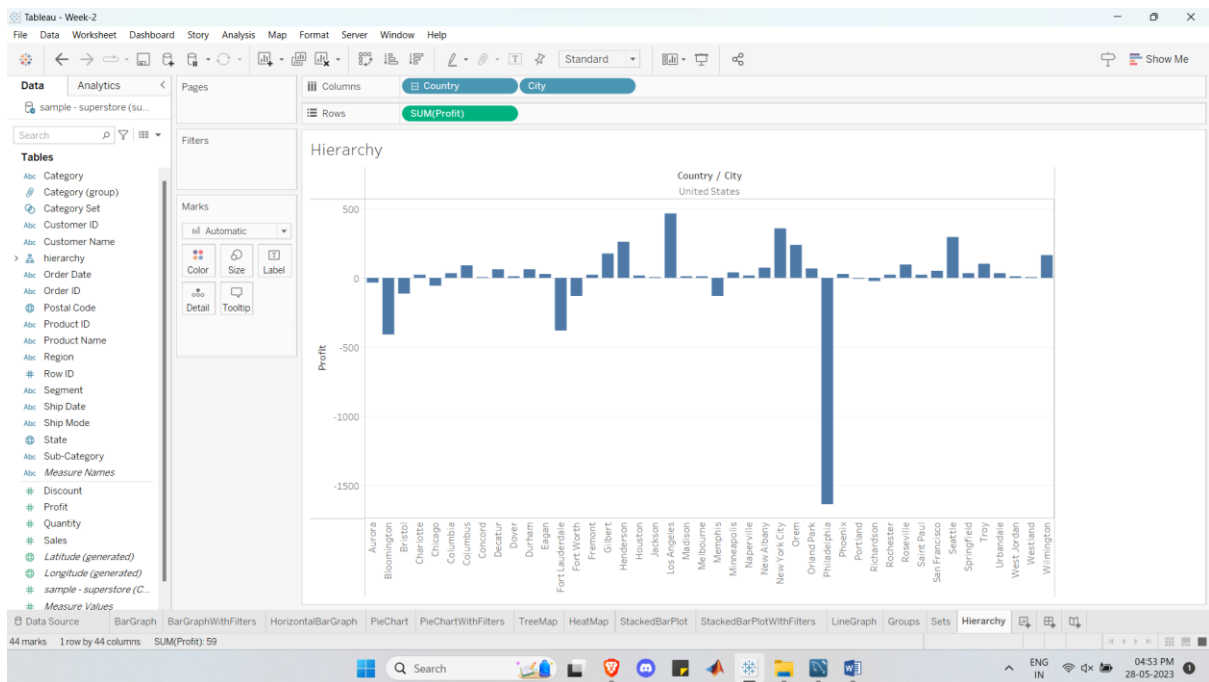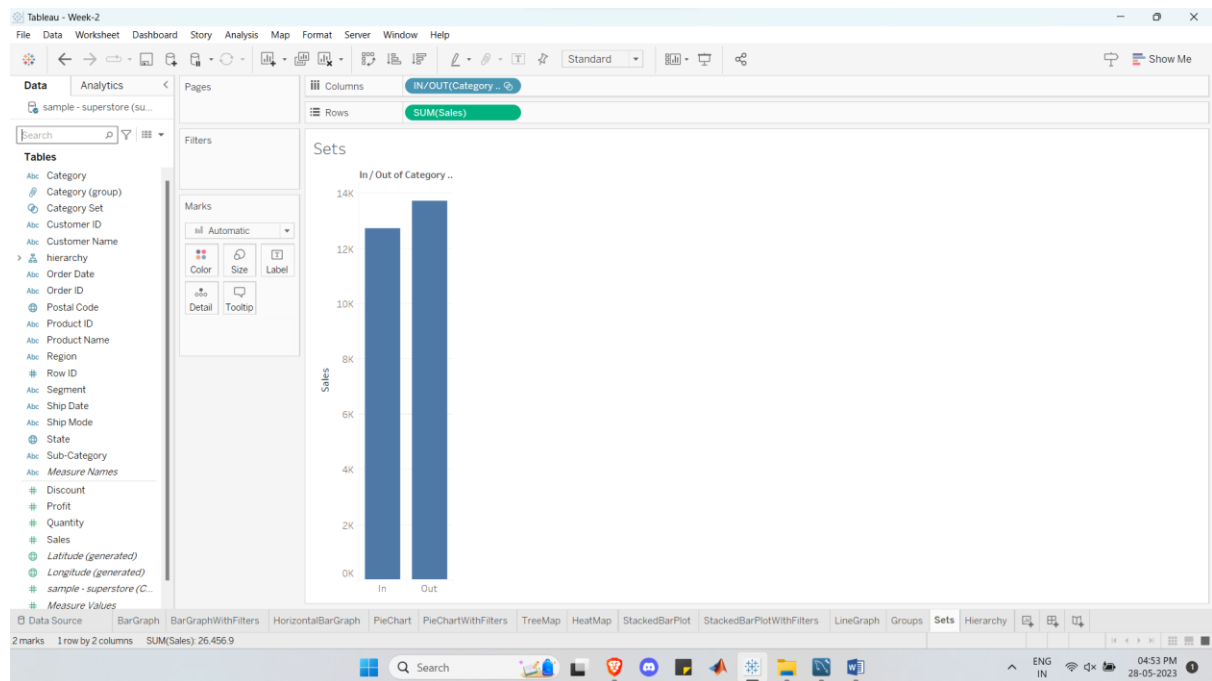**Measure filter is applied to limit the range of profit**

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)