

NAME: y. sruthi

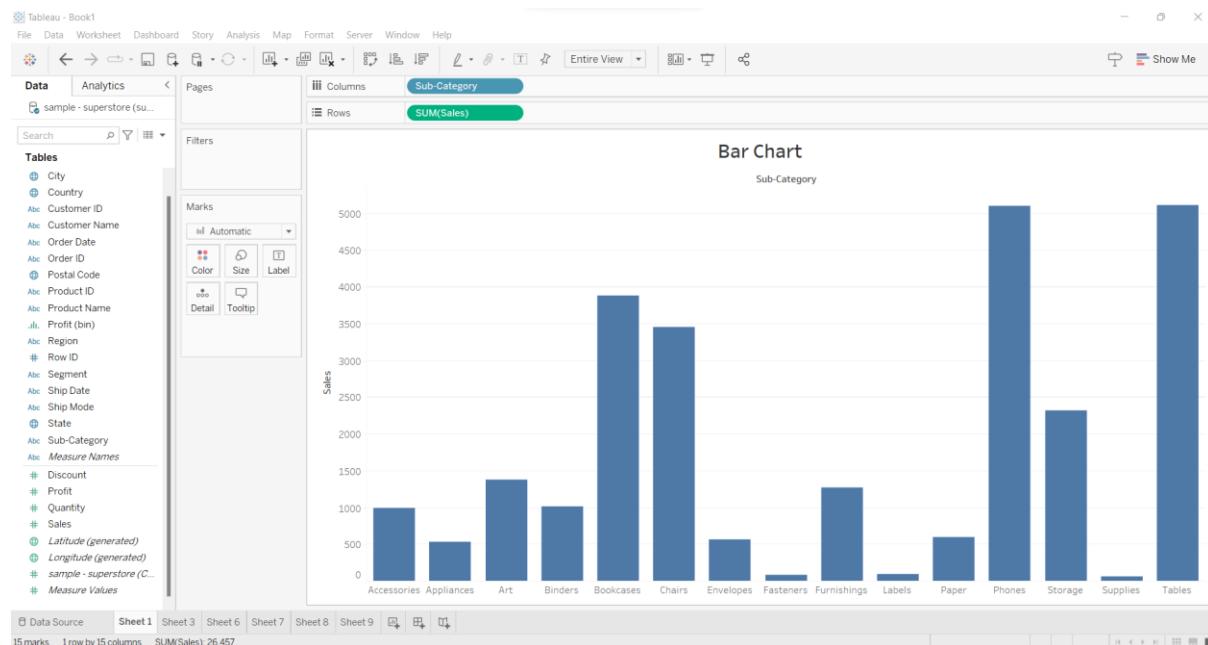
REG NO :20MIS0269

## DATA ANALYTICS USING TABLEAU AND MYSQL

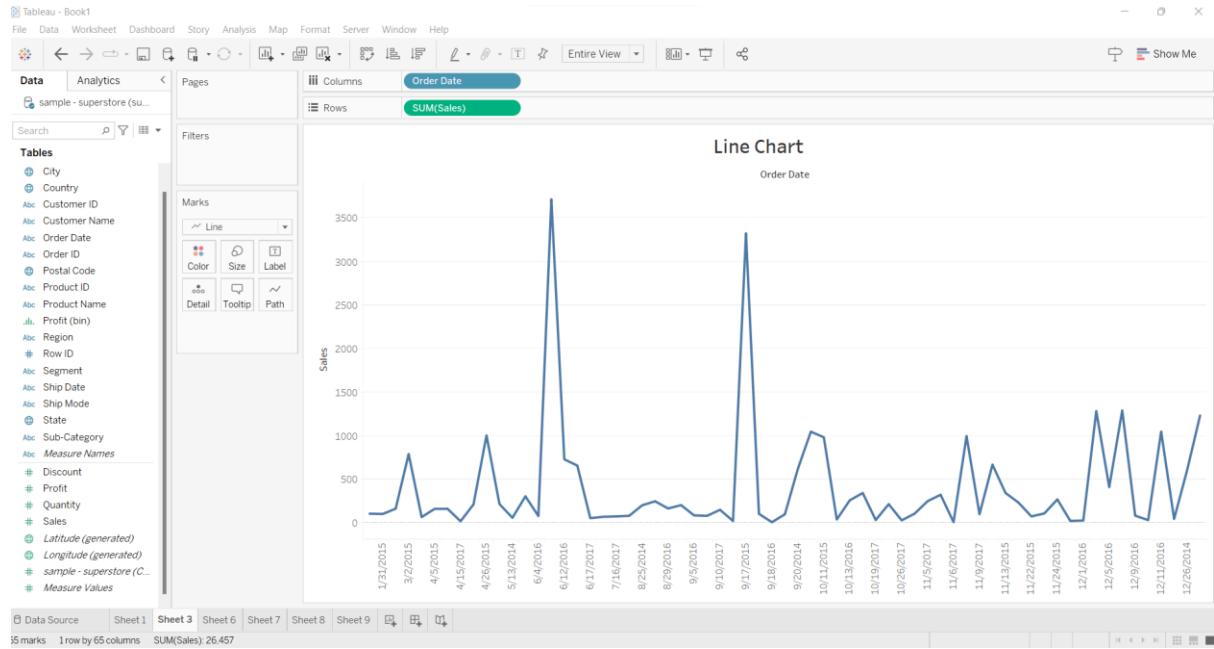
### ASSIGNMENT 2

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

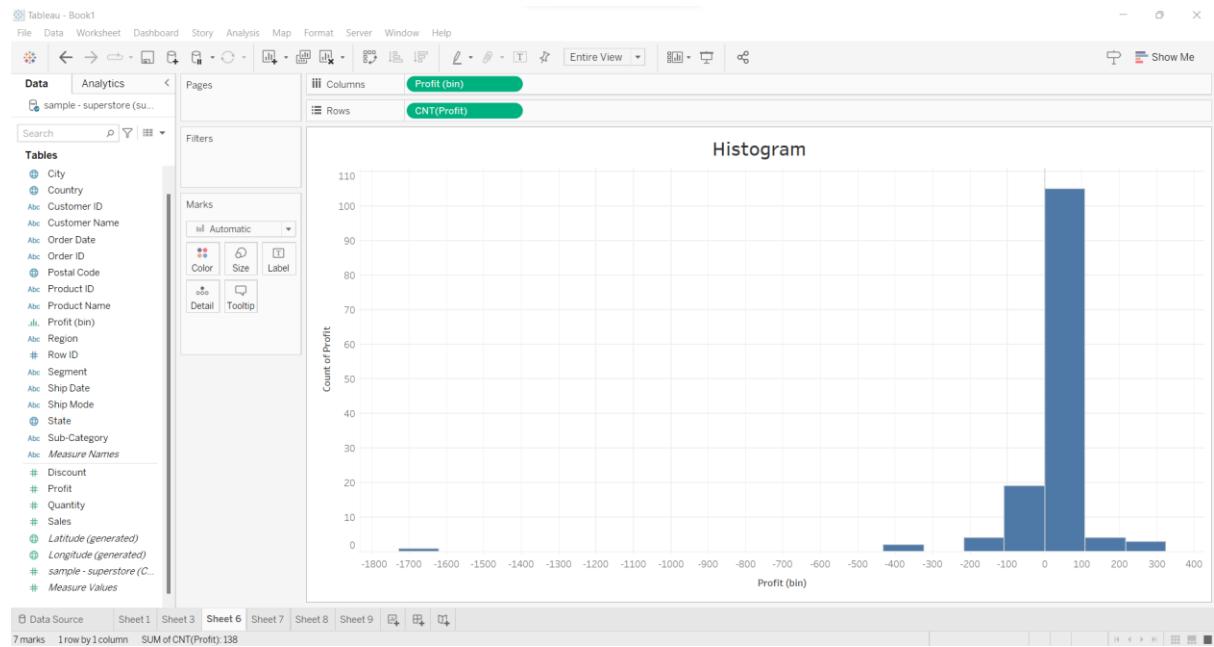
#### 1. BAR CHART



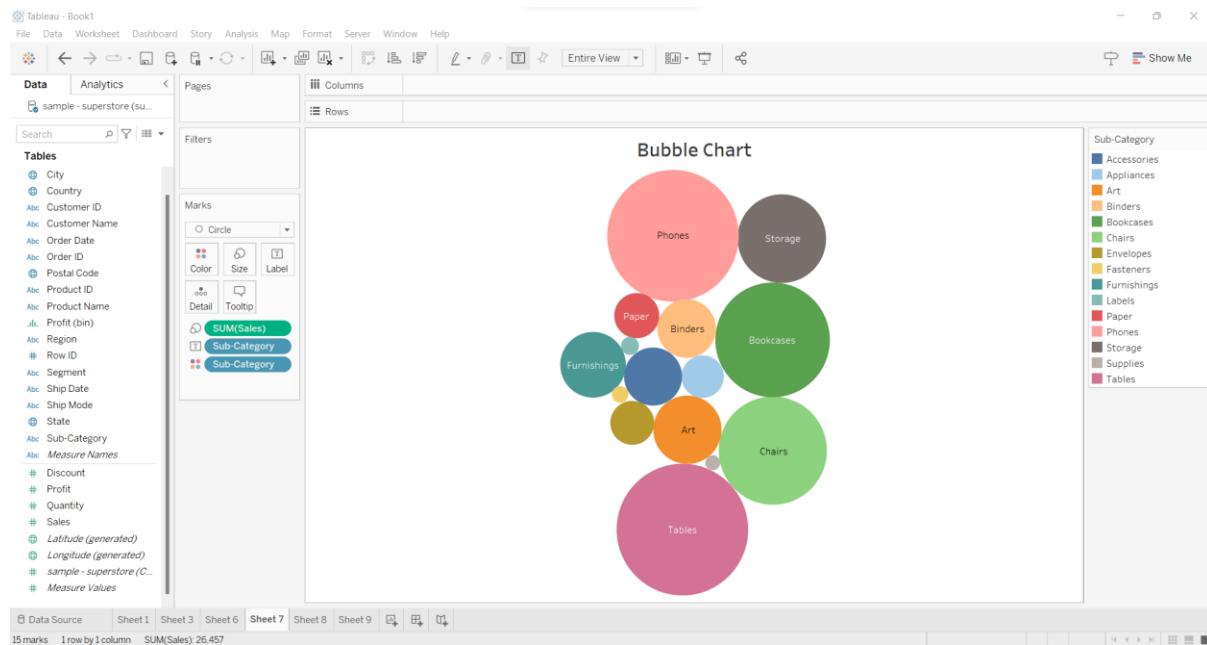
## 2. LINE CHART



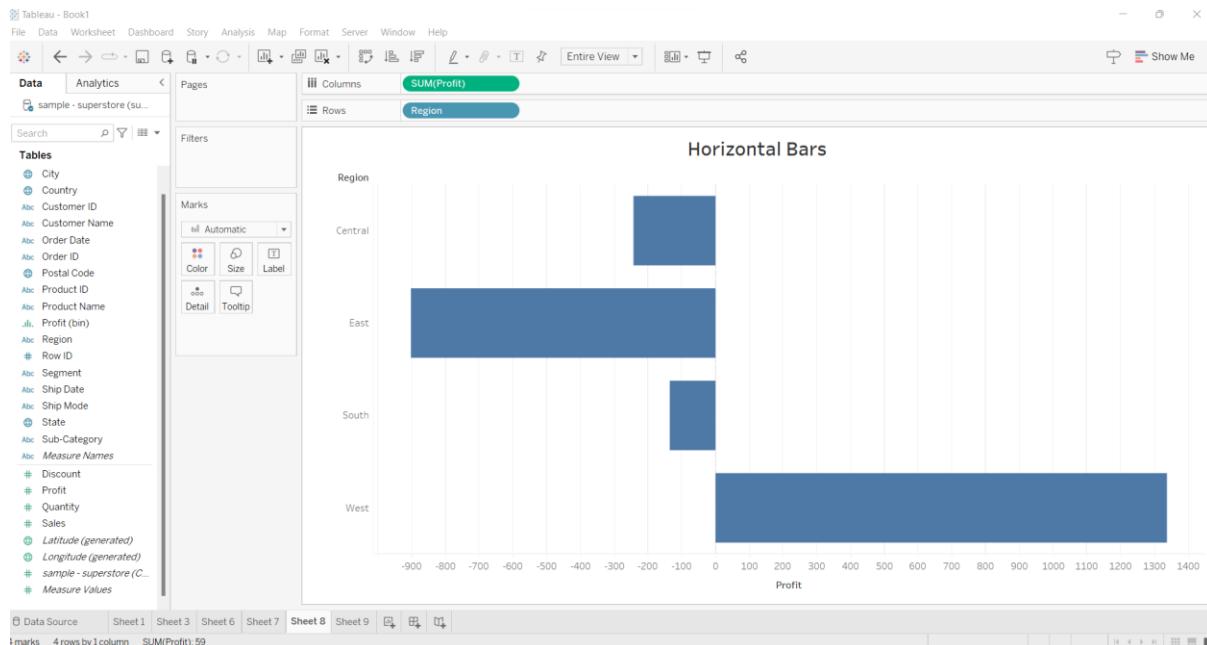
## 3. HISTOGRAM



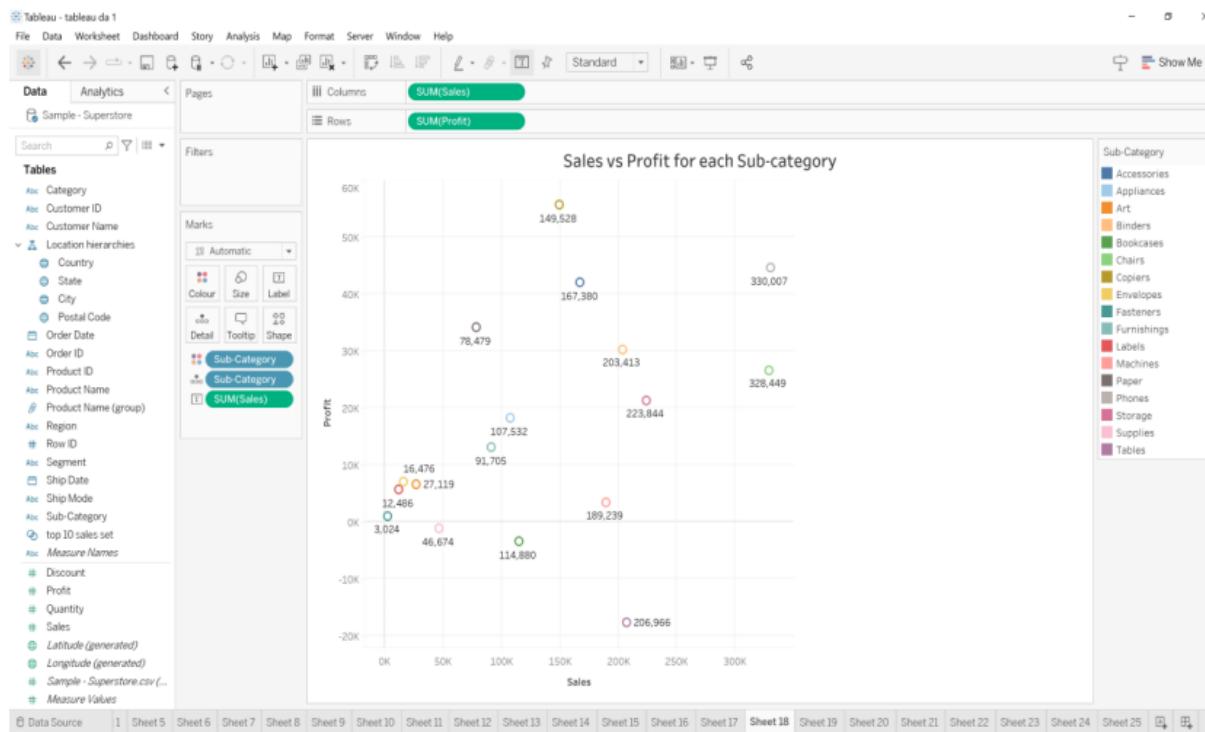
## 4. BUBBLE CHART



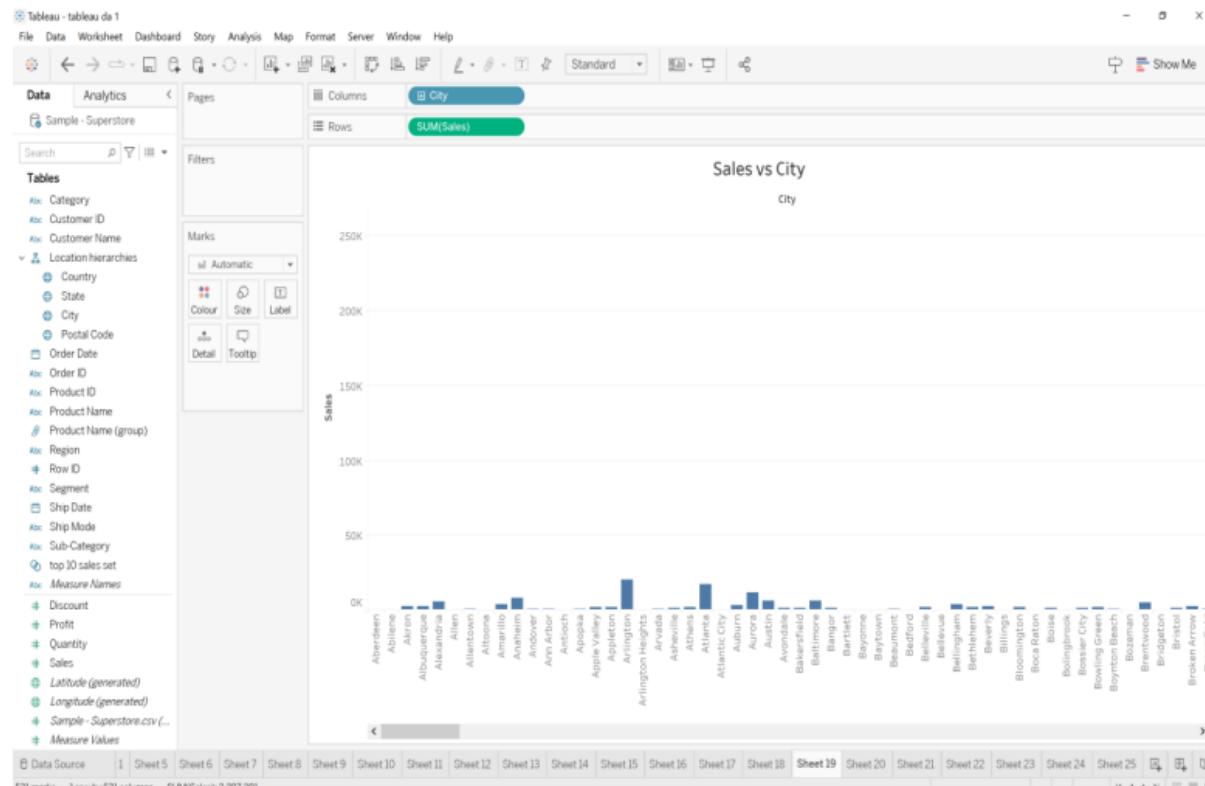
## 5. HORIZONTAL BARS



## 6. SCATTER PLOT



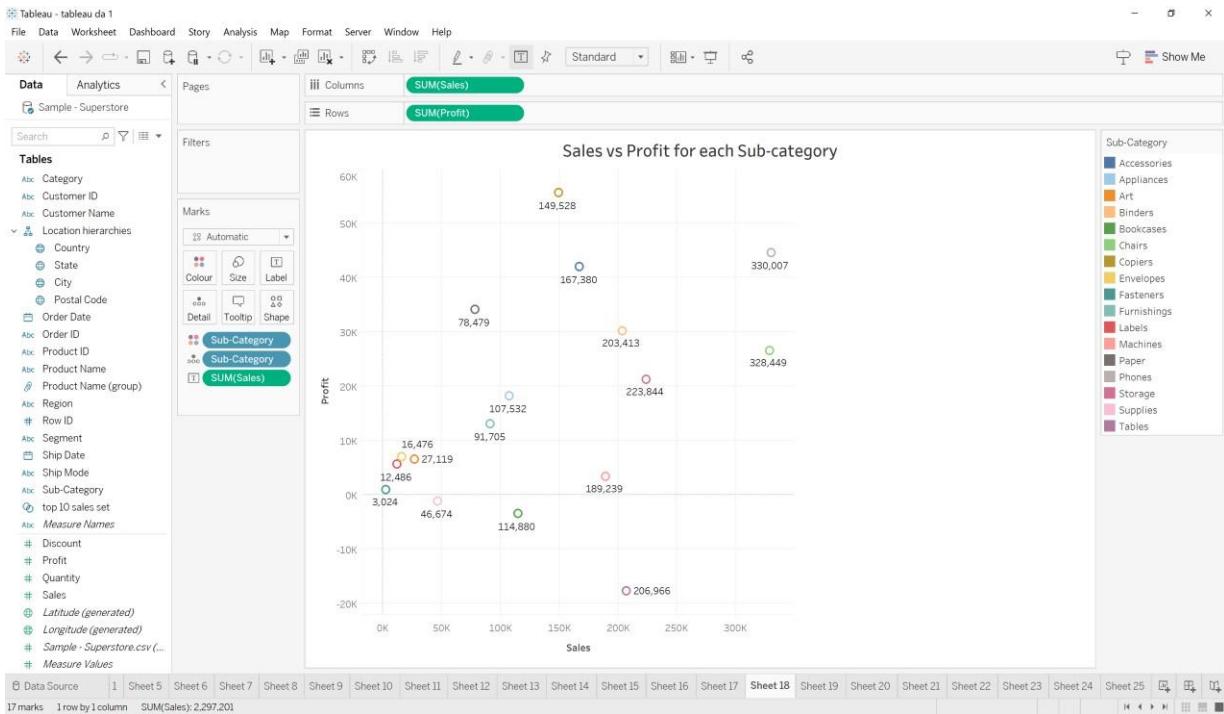
## 7. BAR CHART FOR DIFFERENT DIMENSIONS



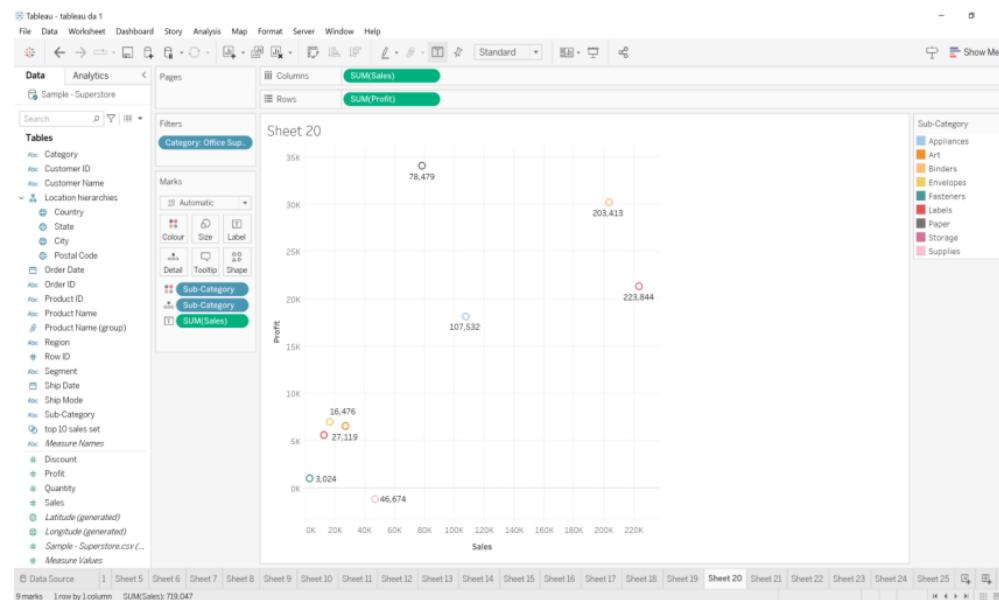
## 2) Apply dimension filter, context and measure filter on any of the three visualizations

### APPLYING DIMENSION FILTER:

We apply dimension filter on the Scatter plot

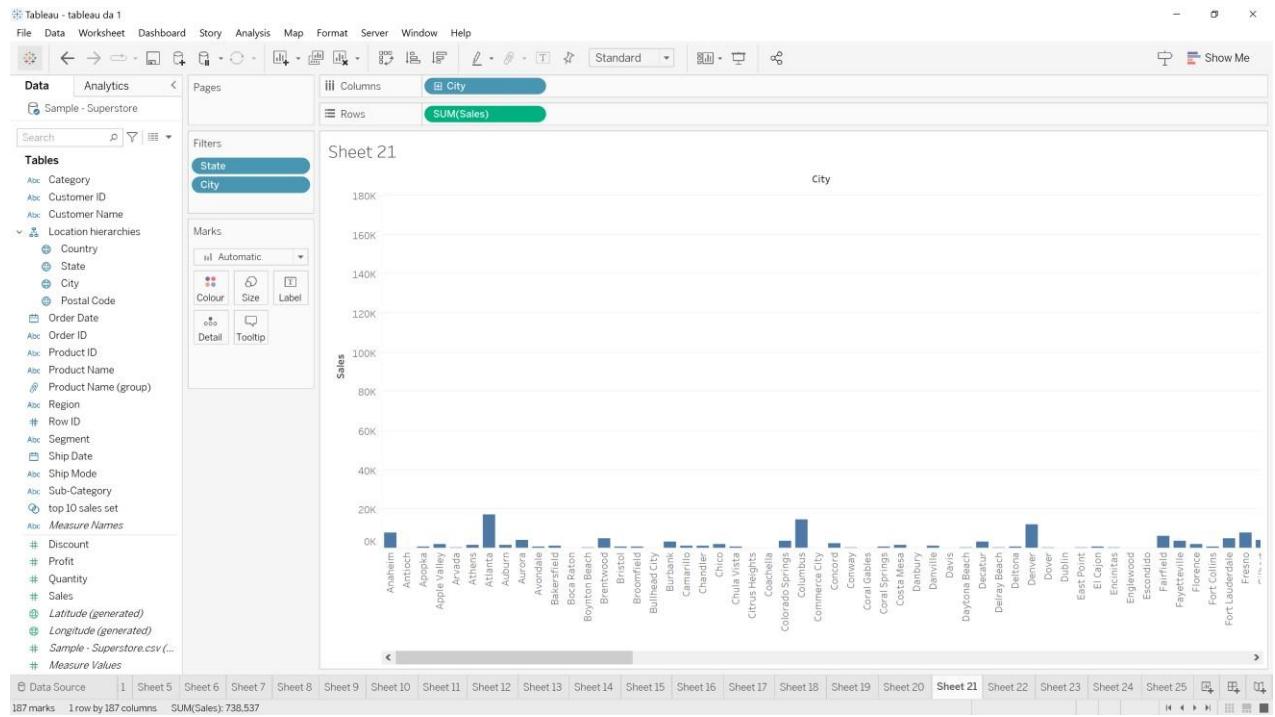


With filter:



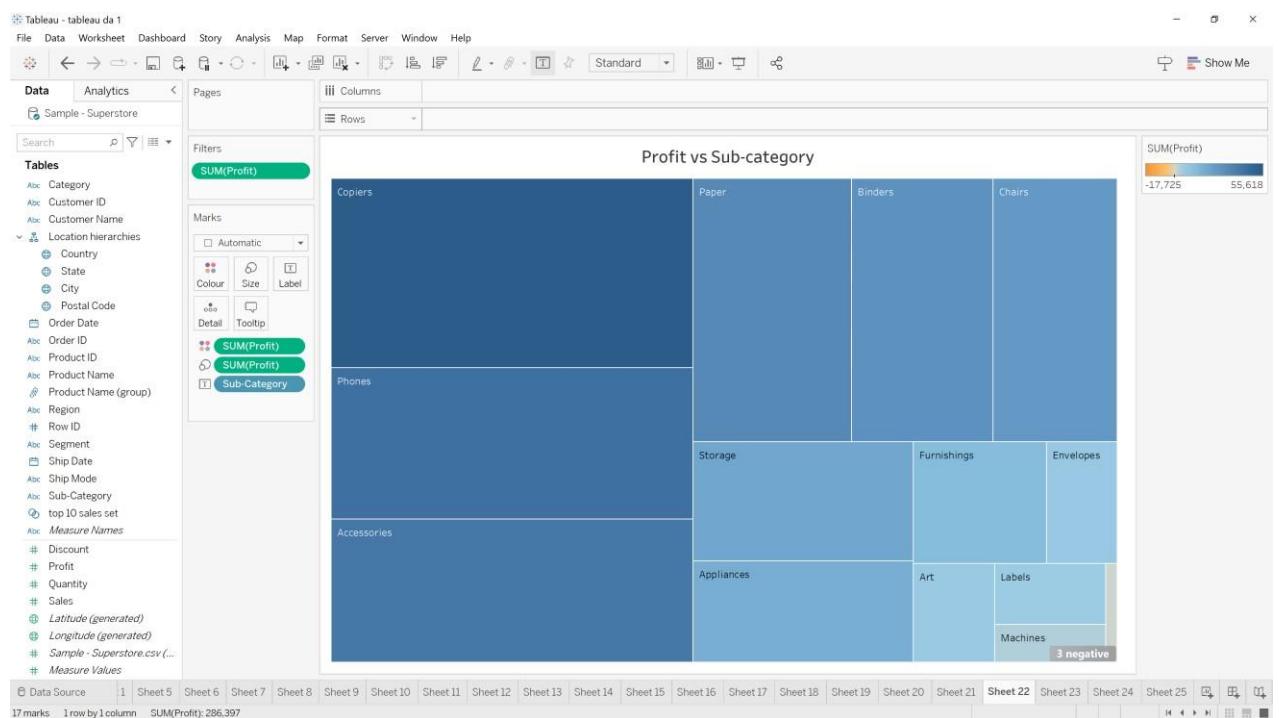
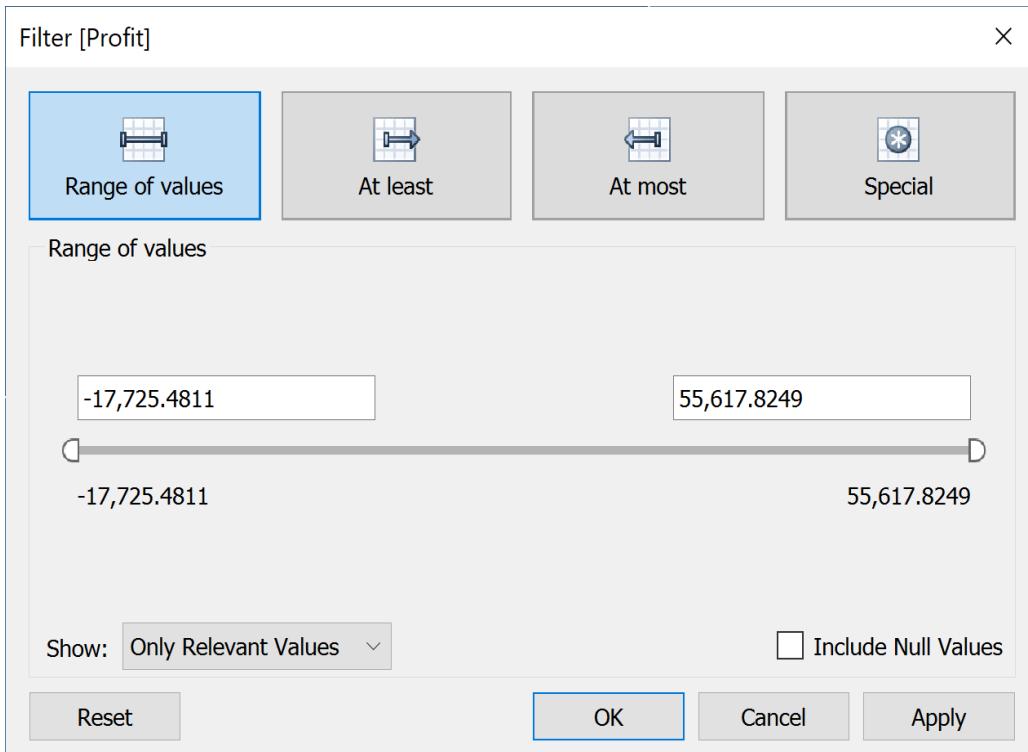
## APPLYING CONTEXT FILTER:

We apply the filter on the Bar Chart



## APPLYING MEASURE FILTER:

We apply a measure filter on a tree map which measures all the positive profits.

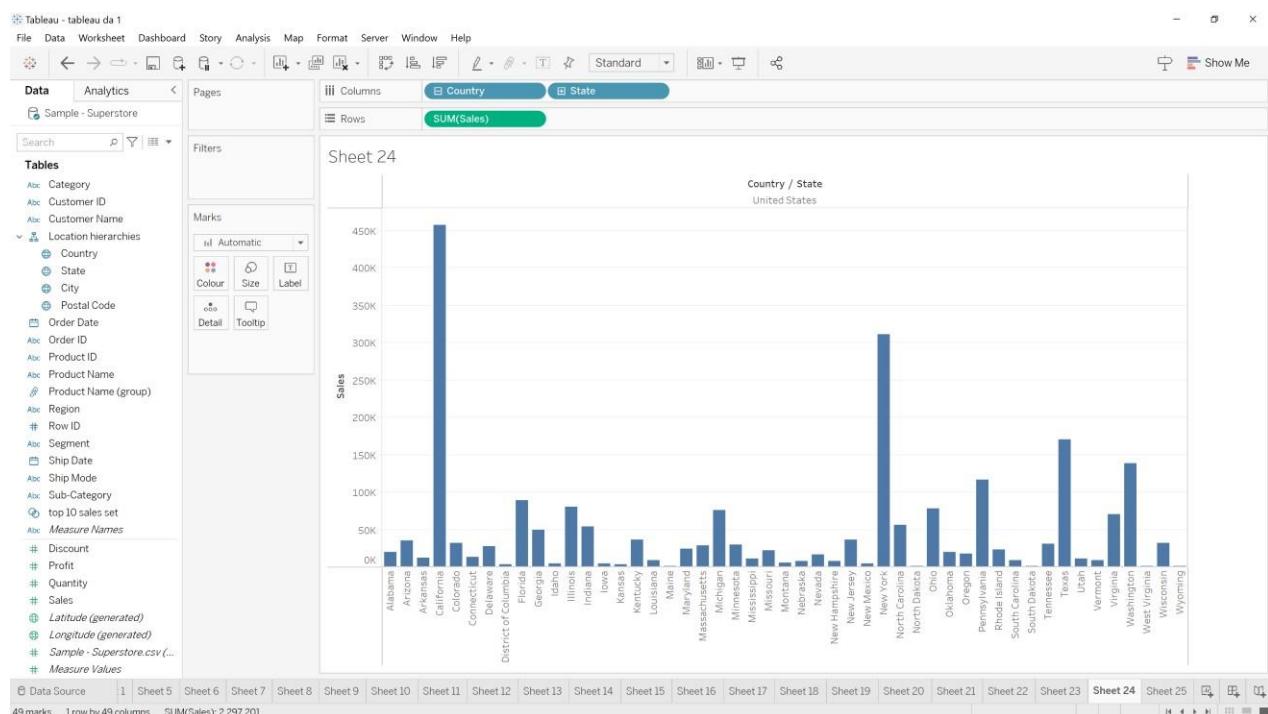
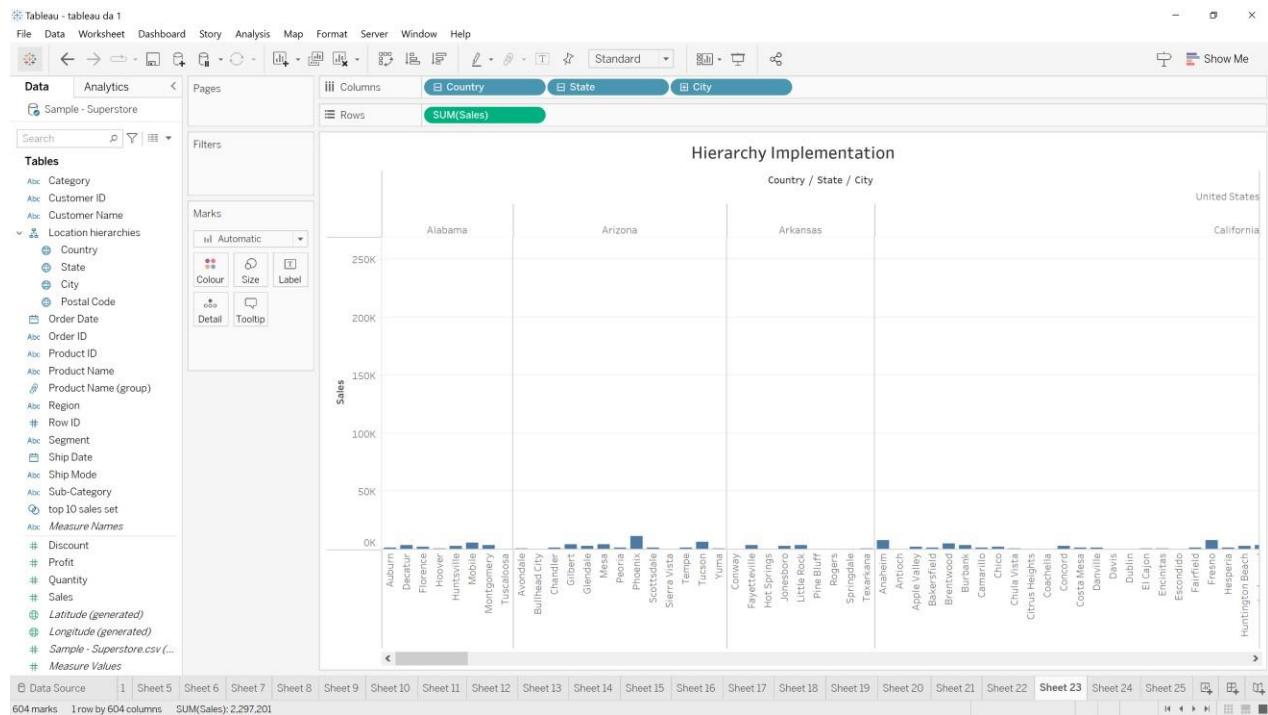


### 3) Perform the following data manipulations on your dataset

- create a Hierarchy
- create a set
- create a group

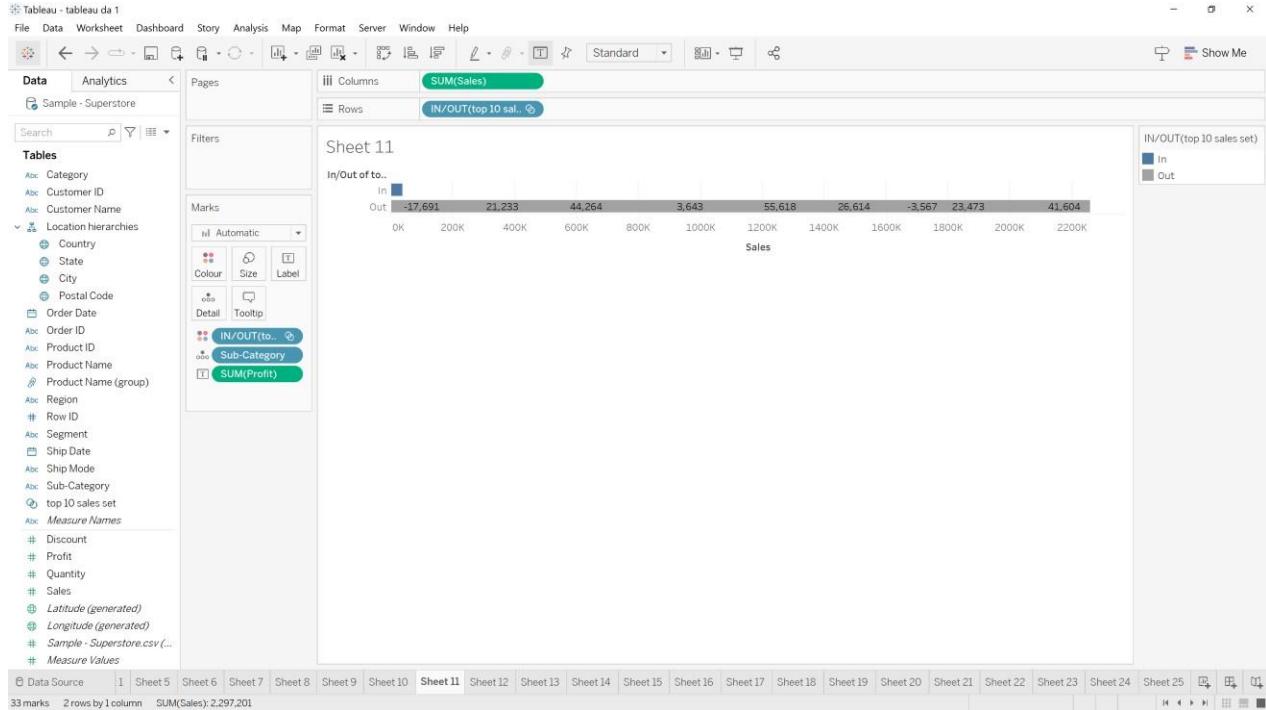
#### a. Create a Hierarchy

We Create a hierarchy of locations

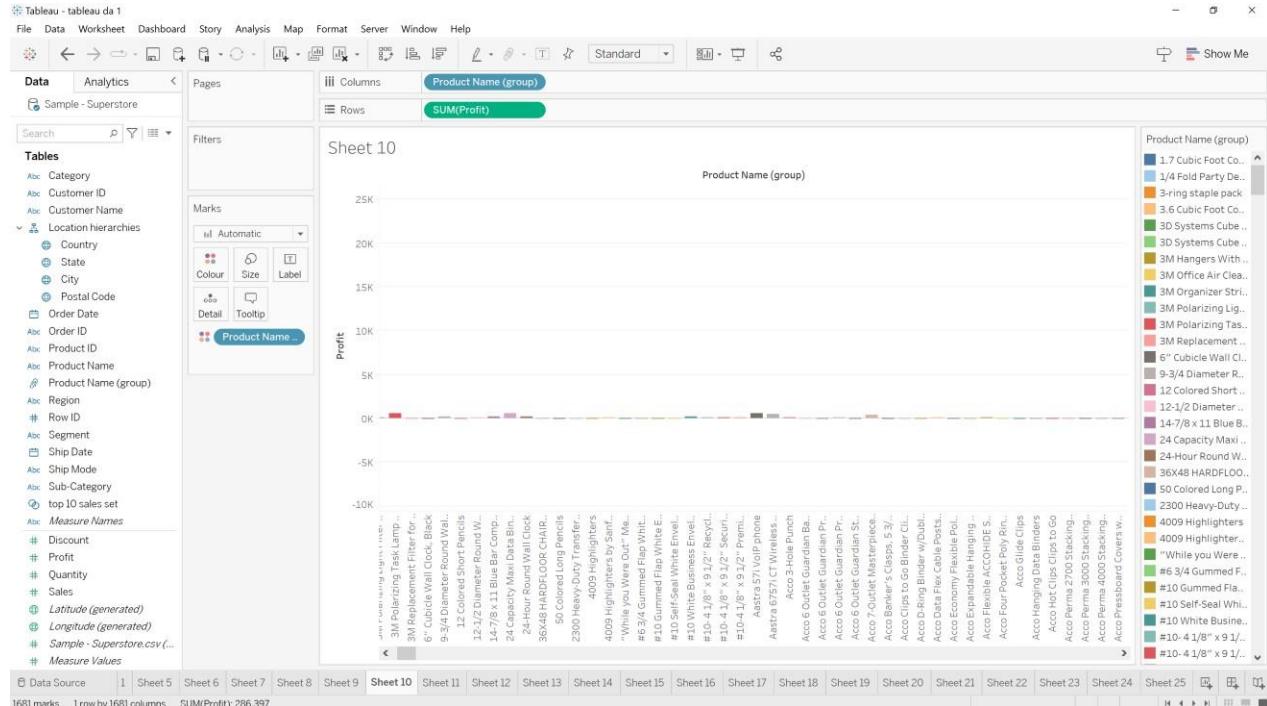


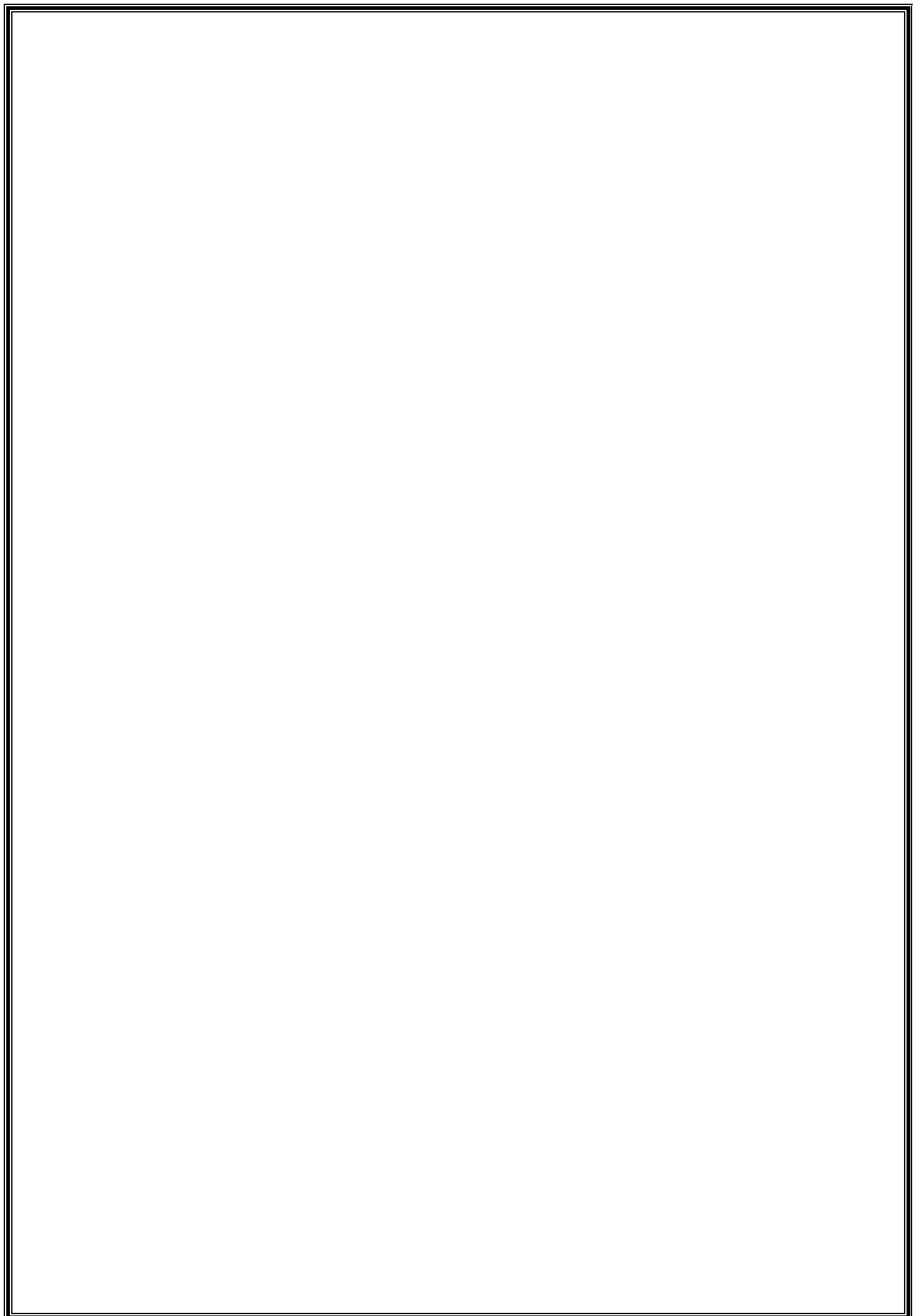
## b. Create a set:

We create a set with only the top 10 profits



## c. Create a group:





NAME: B.KRISHNA PRASAD REDDY

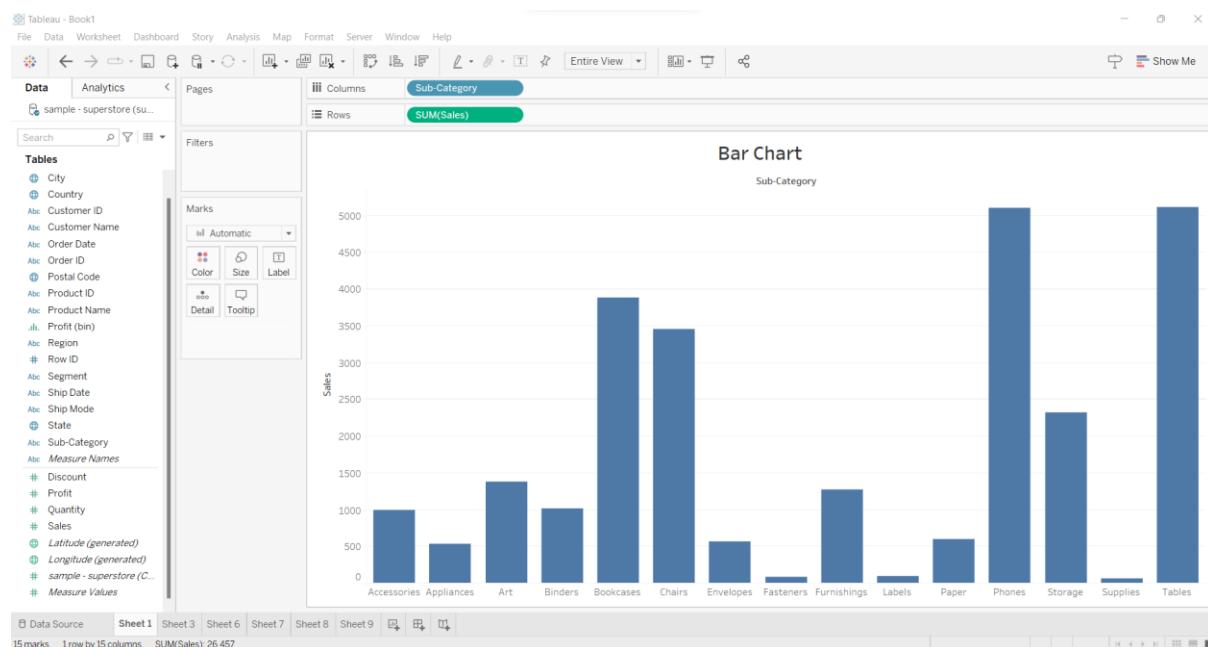
REG NO :20BDS0082

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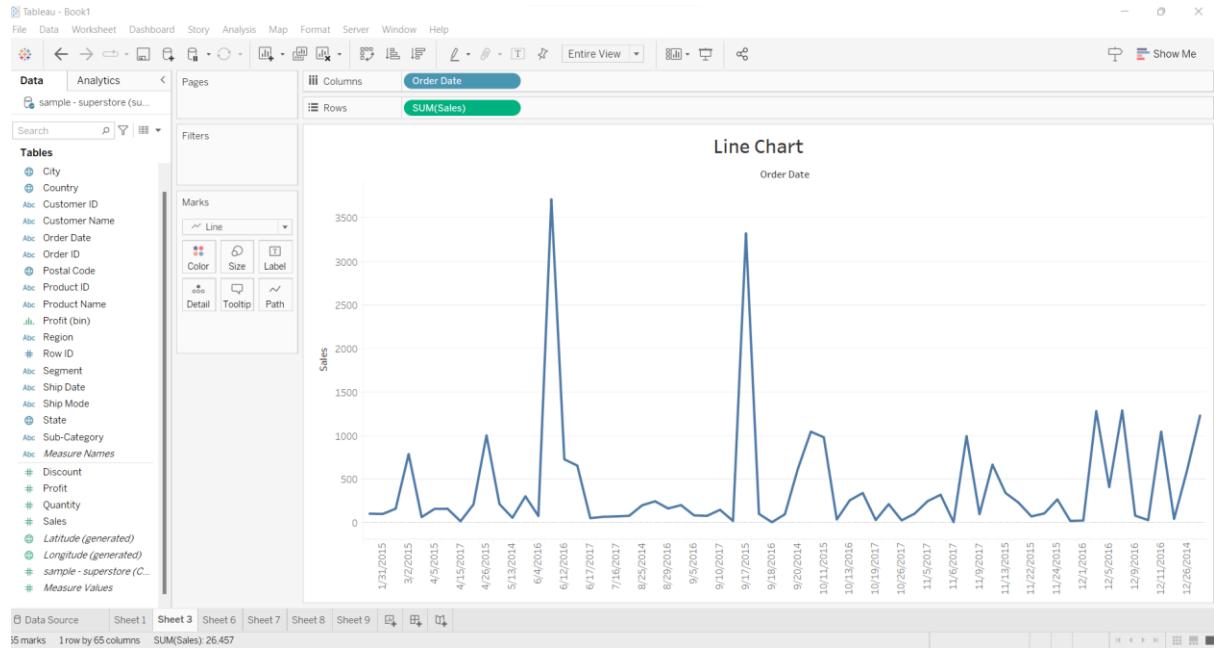
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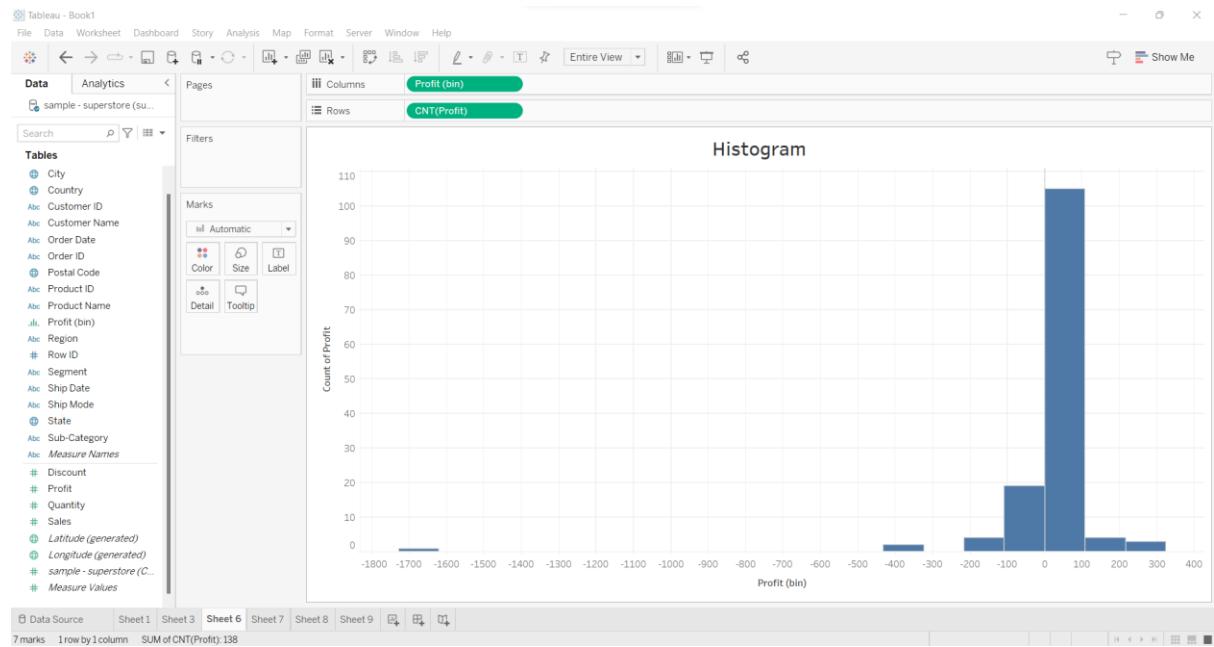
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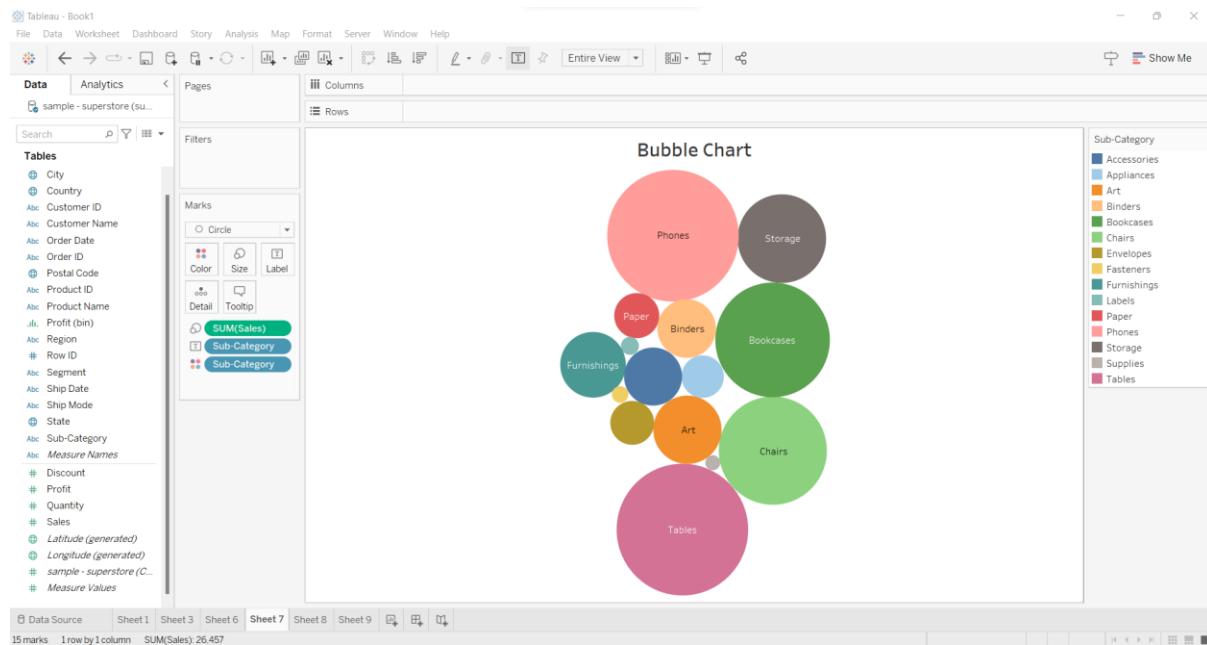
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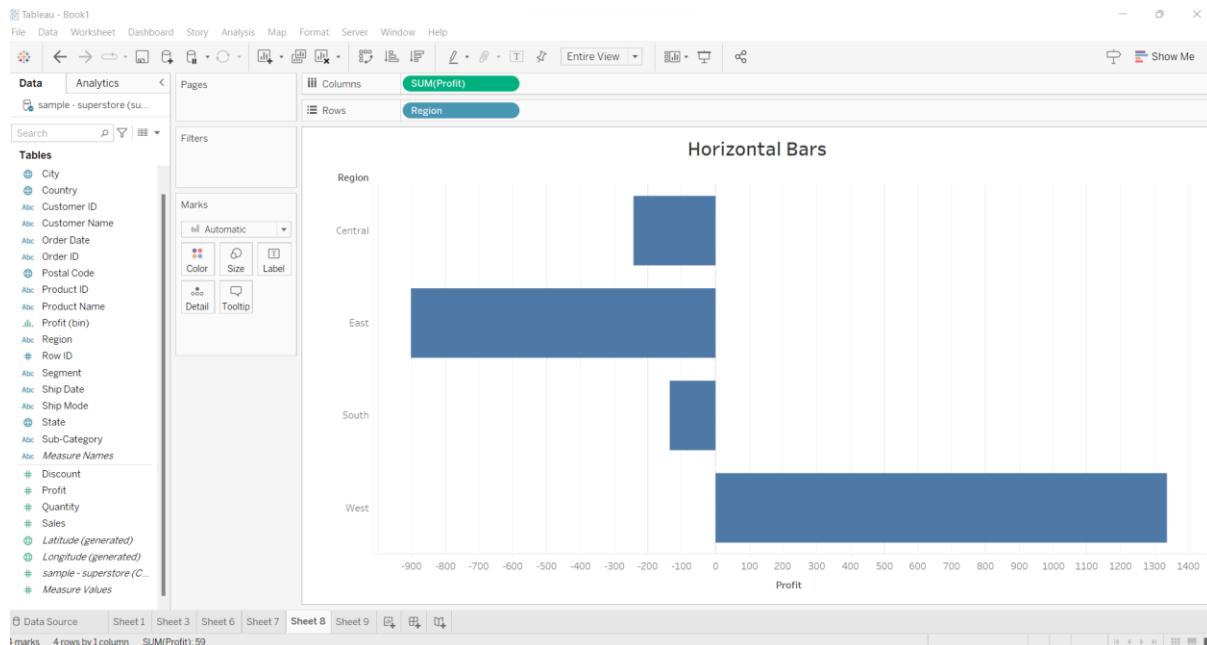
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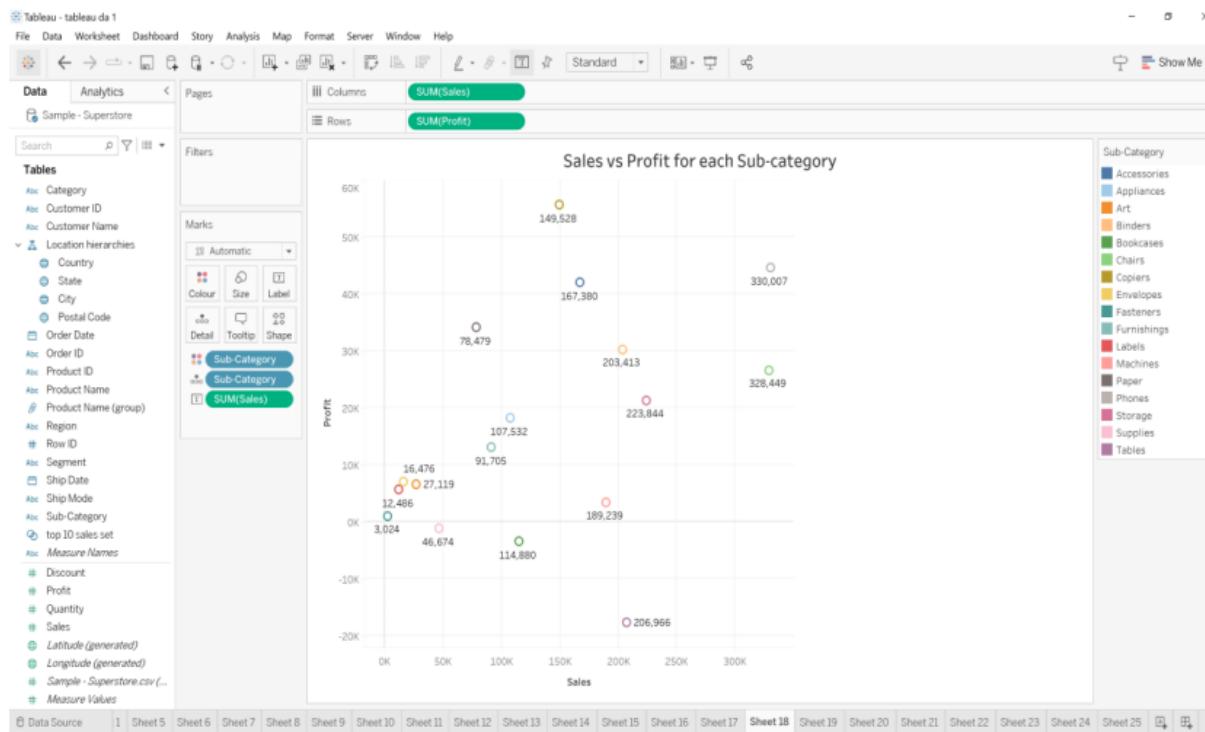
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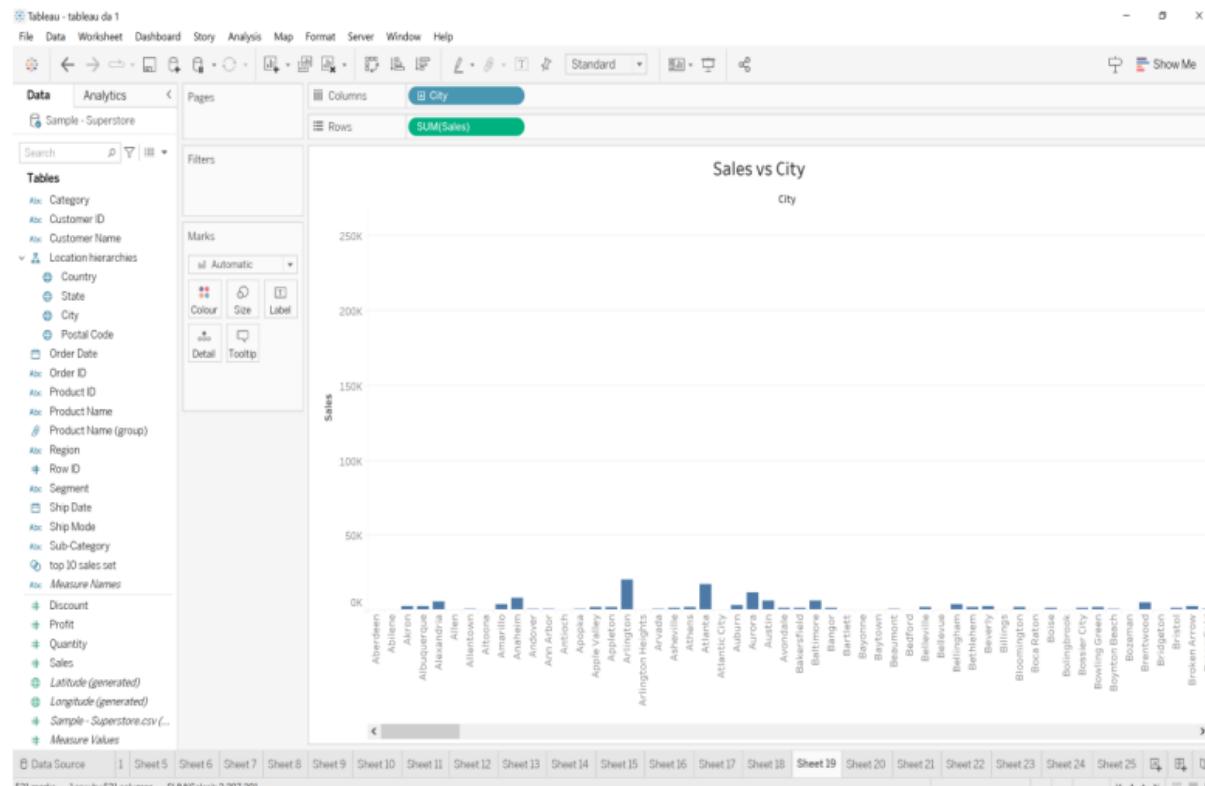
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## 6. SCATTER PLOT



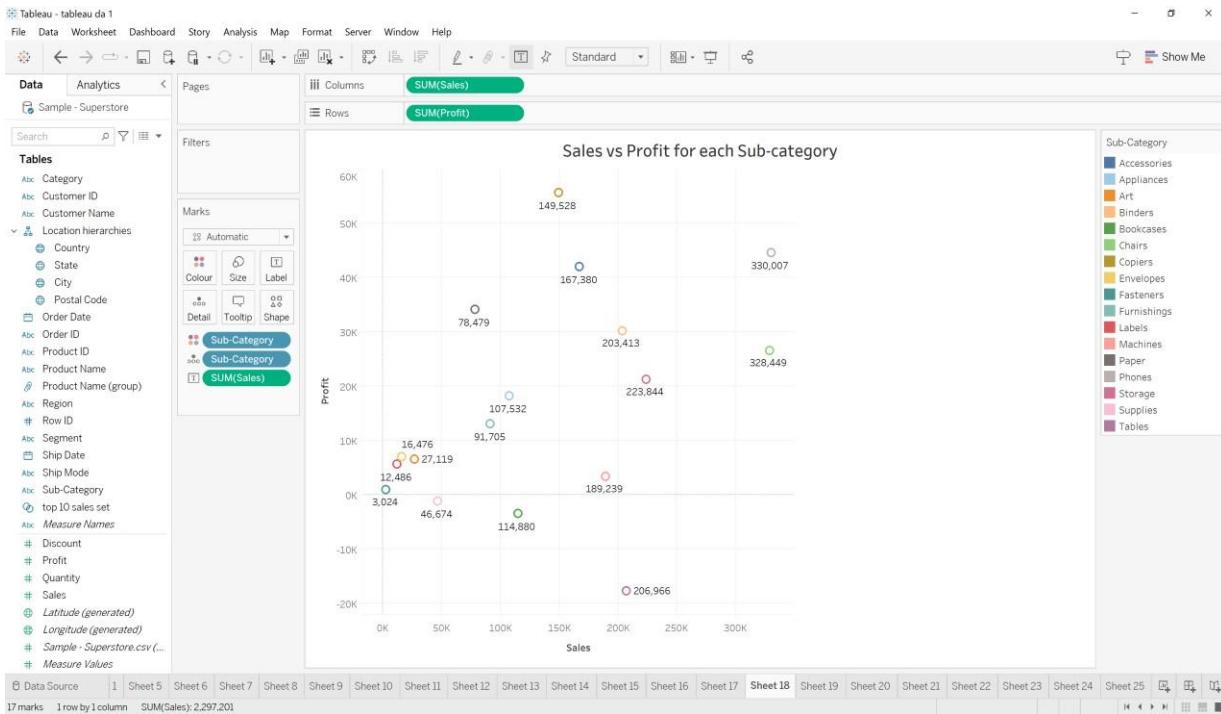
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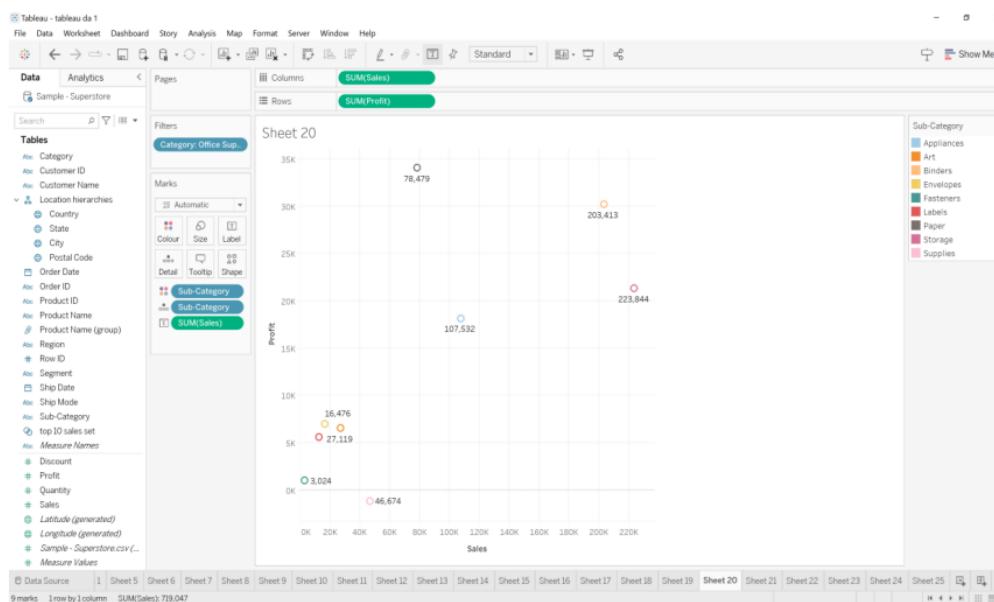
## 2) Apply dimension filter, context and measure filter on any of the three visualizations

### APPLYING DIMENSION FILTER:

We apply dimension filter on the Scatter plot

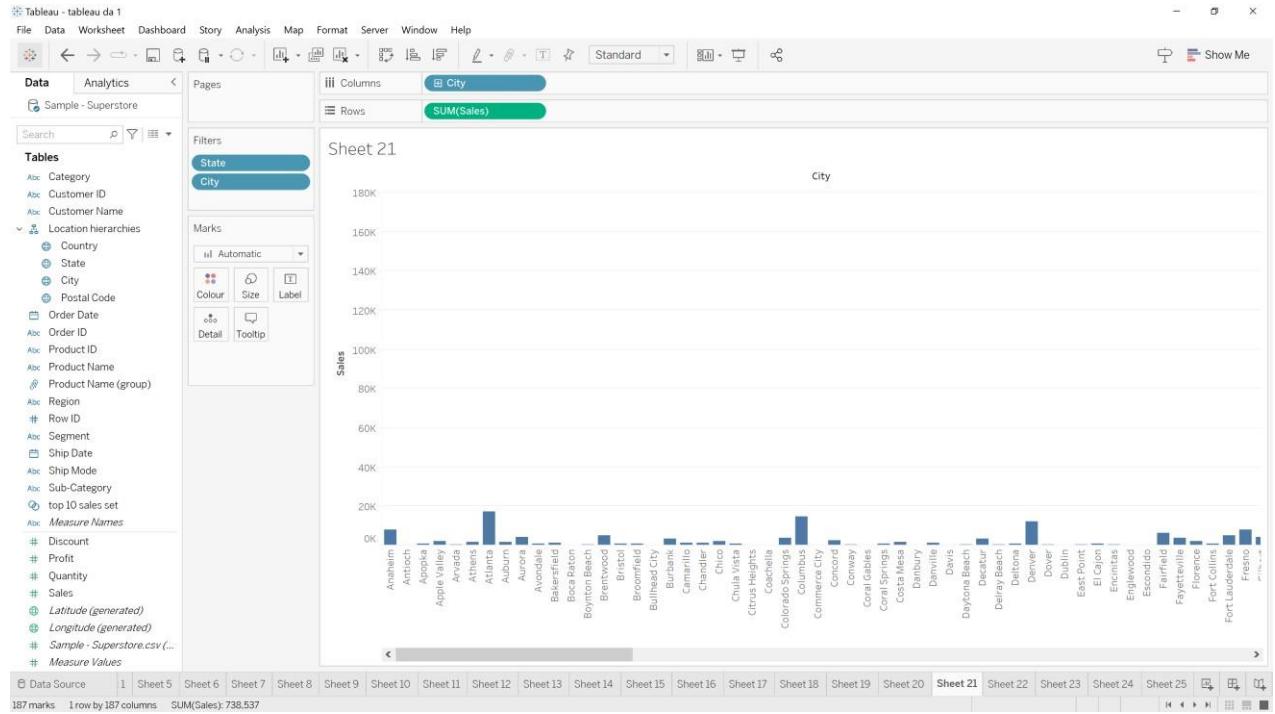


With filter:



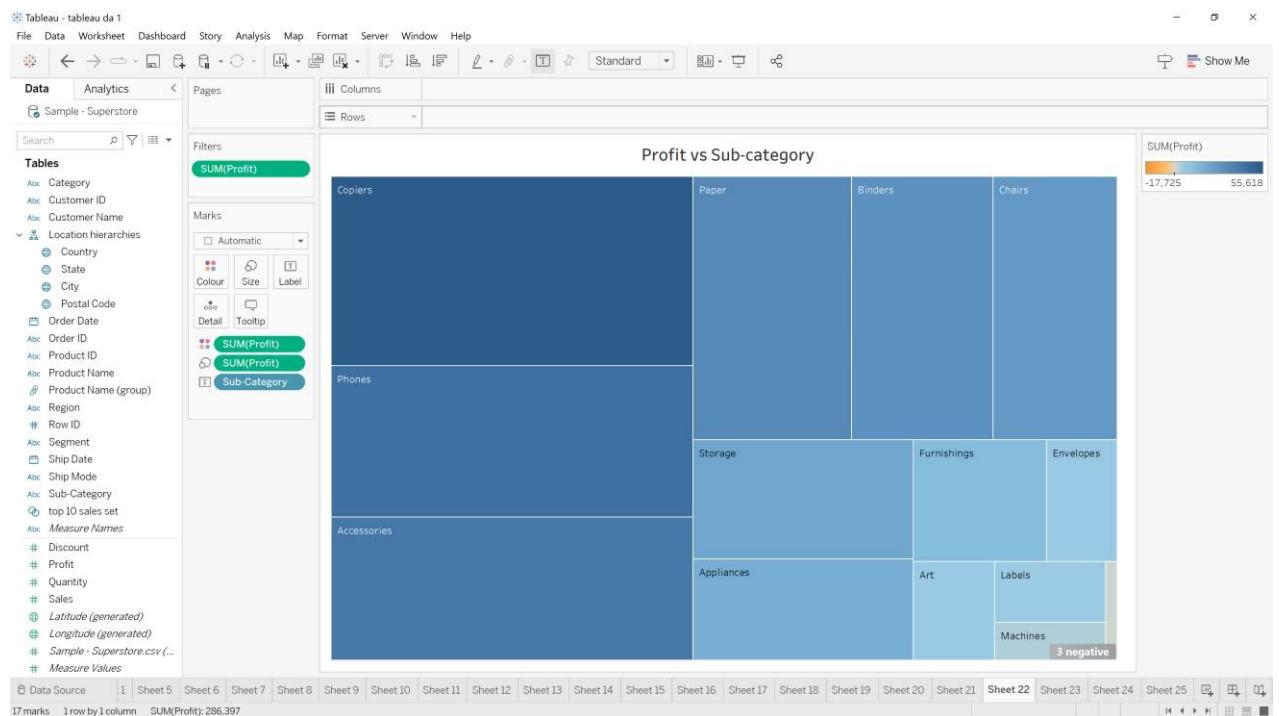
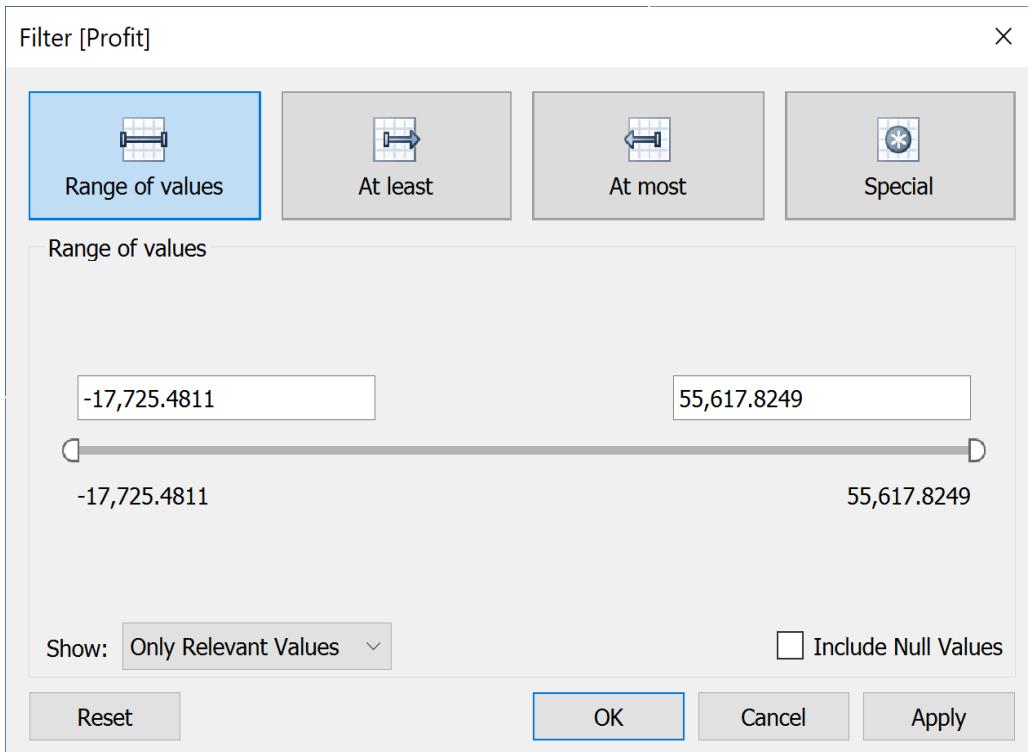
# APPLYING CONTEXT FILTER:

We apply the filter on the Bar Chart



## APPLYING MEASURE FILTER:

We apply a measure filter on a tree map which measures all the positive profits.

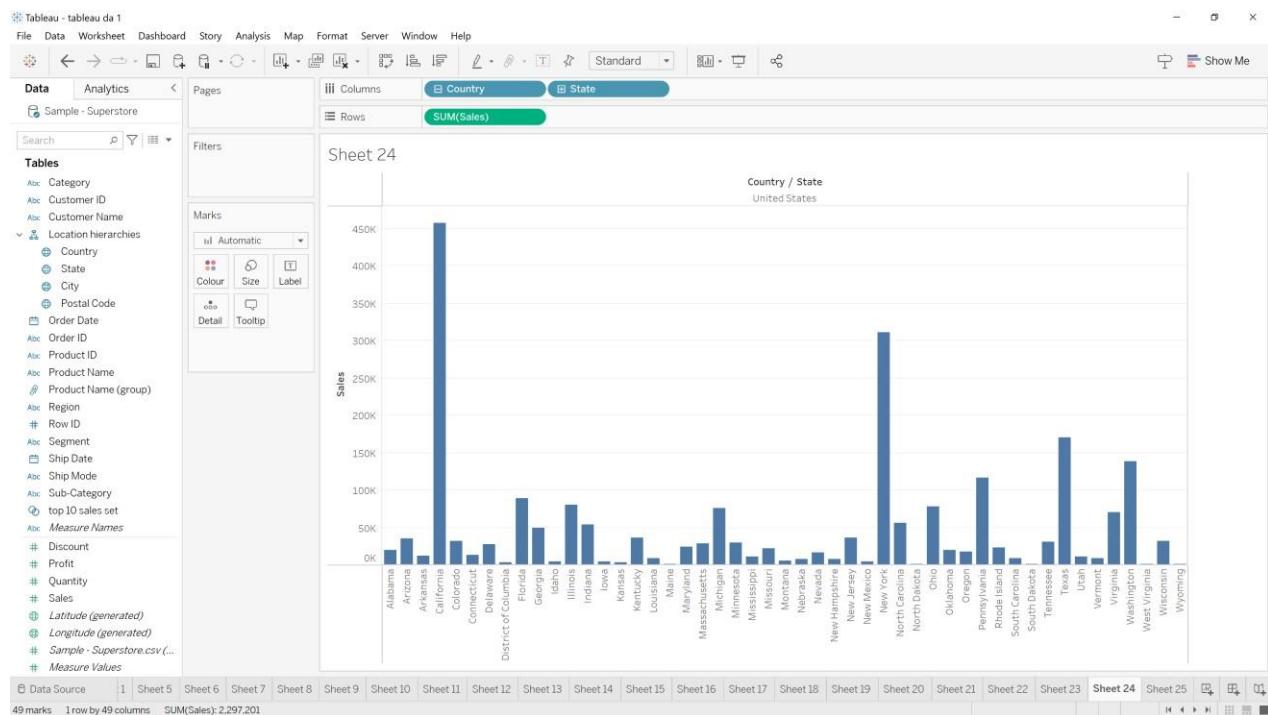
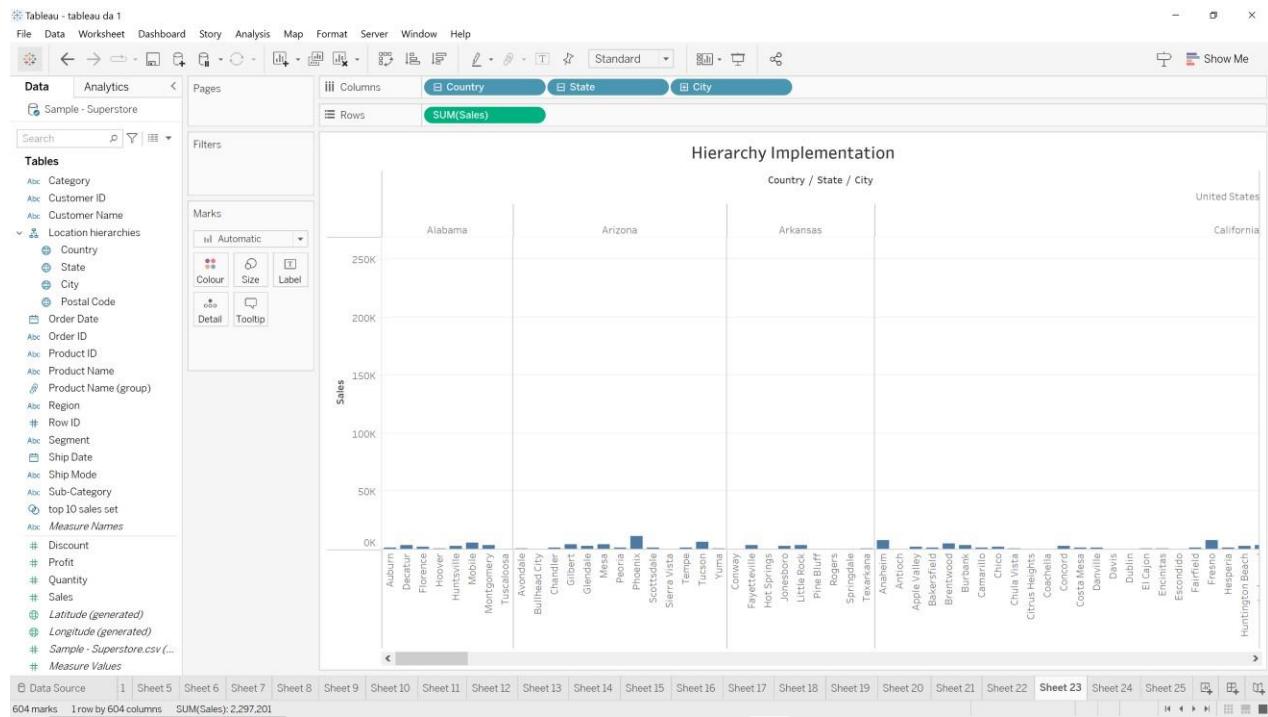


### **3) Perform the following data manipulations on your dataset**

- **create a Hierarchy**
  - **create a set**
  - **create a group**

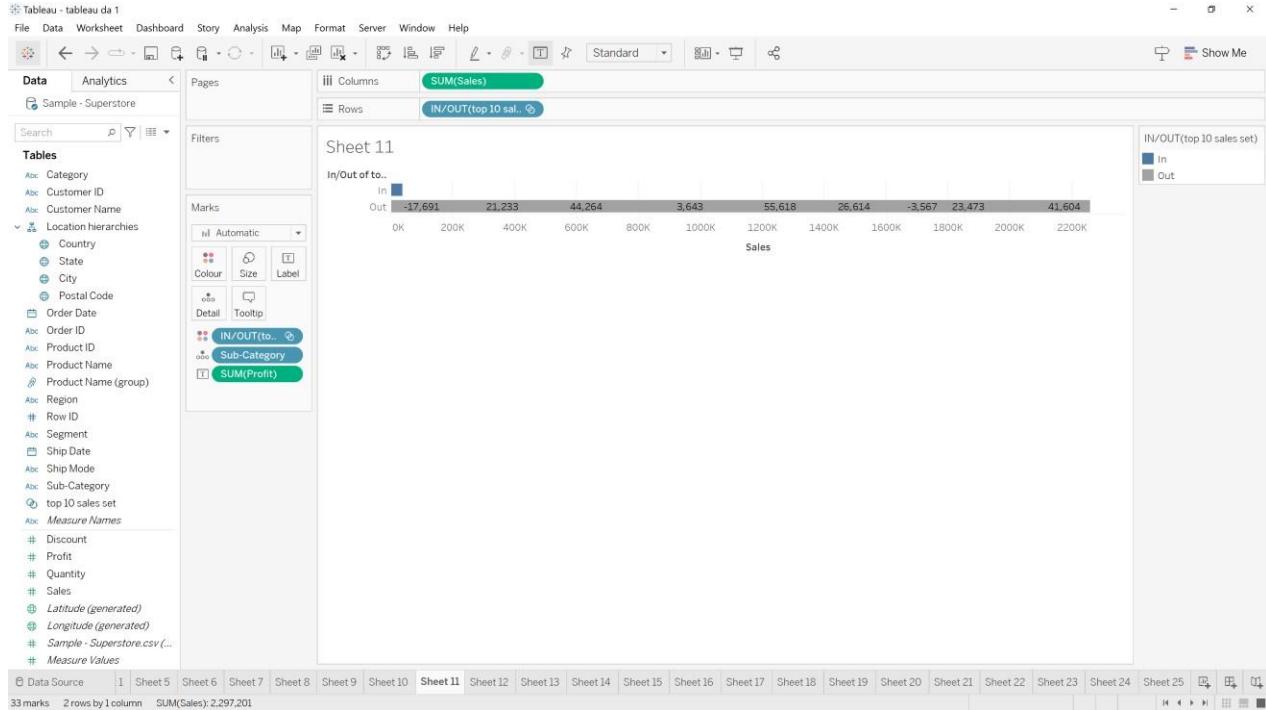
#### a. Create a Hierarchy

## We Create a hierarchy of locations

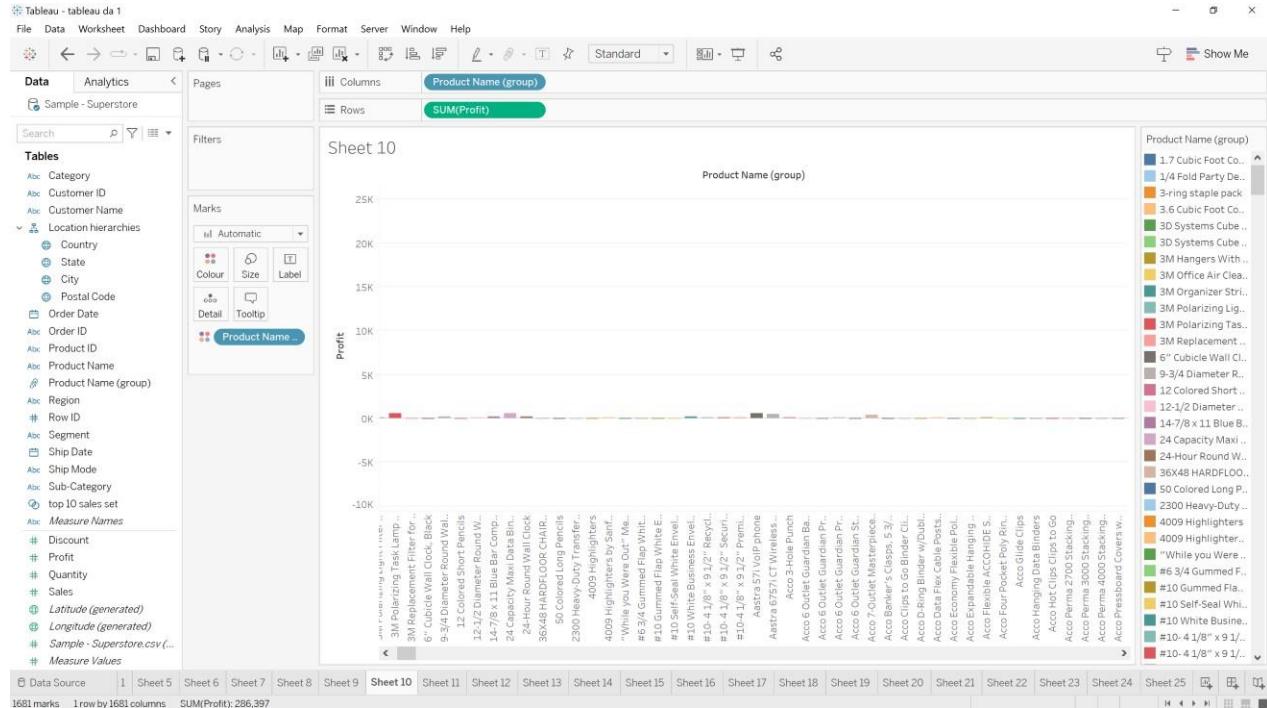


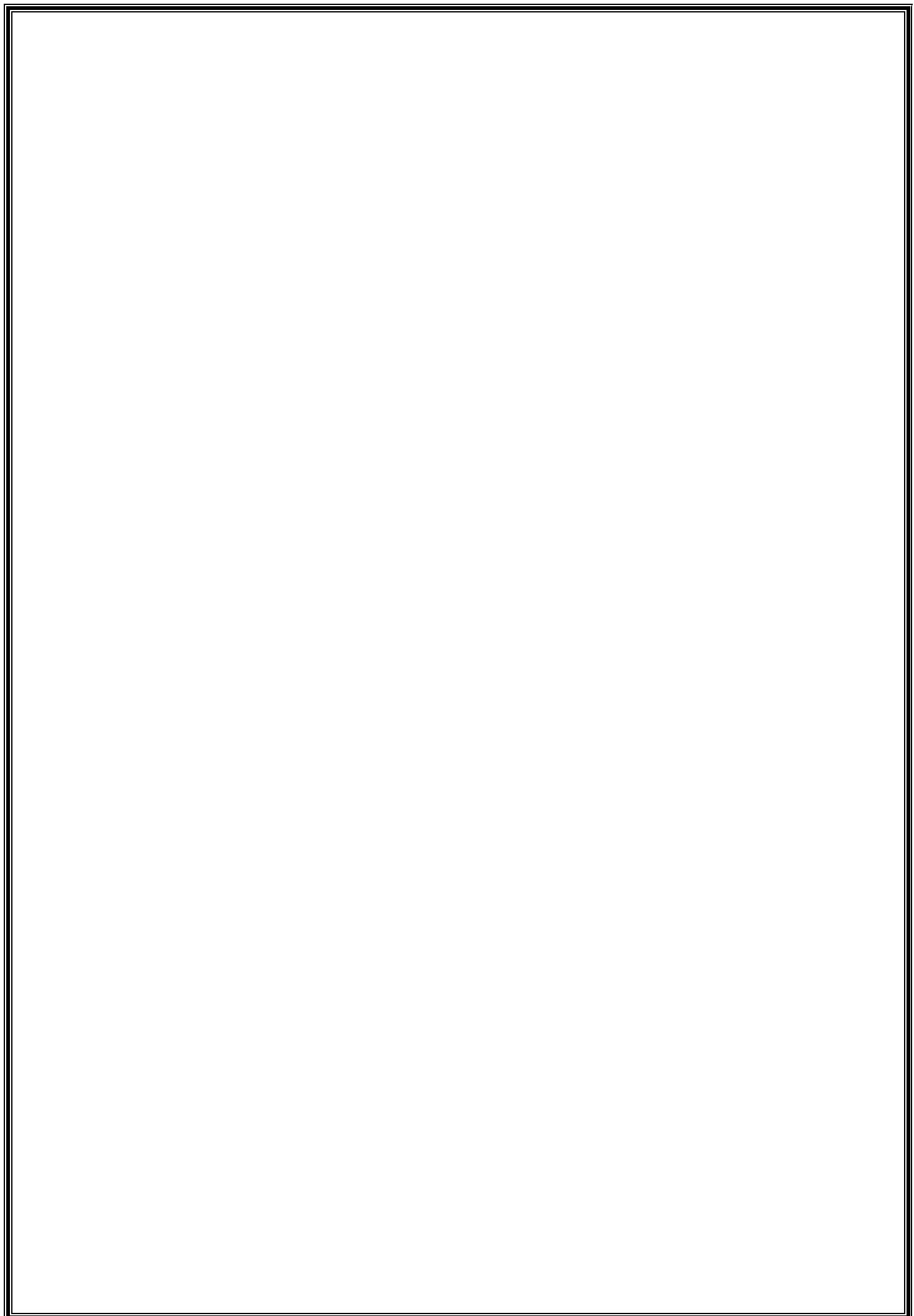
**b. Create a set:**

**We create a set with only the top 10 profits**



**c. Create a group:**





Name: Mounika

Reg No.: 20BCE2963

Date: 28-05-2023

## SMART BRIDGE – DATA ANALYTICS

### ASSIGNMENT – 2

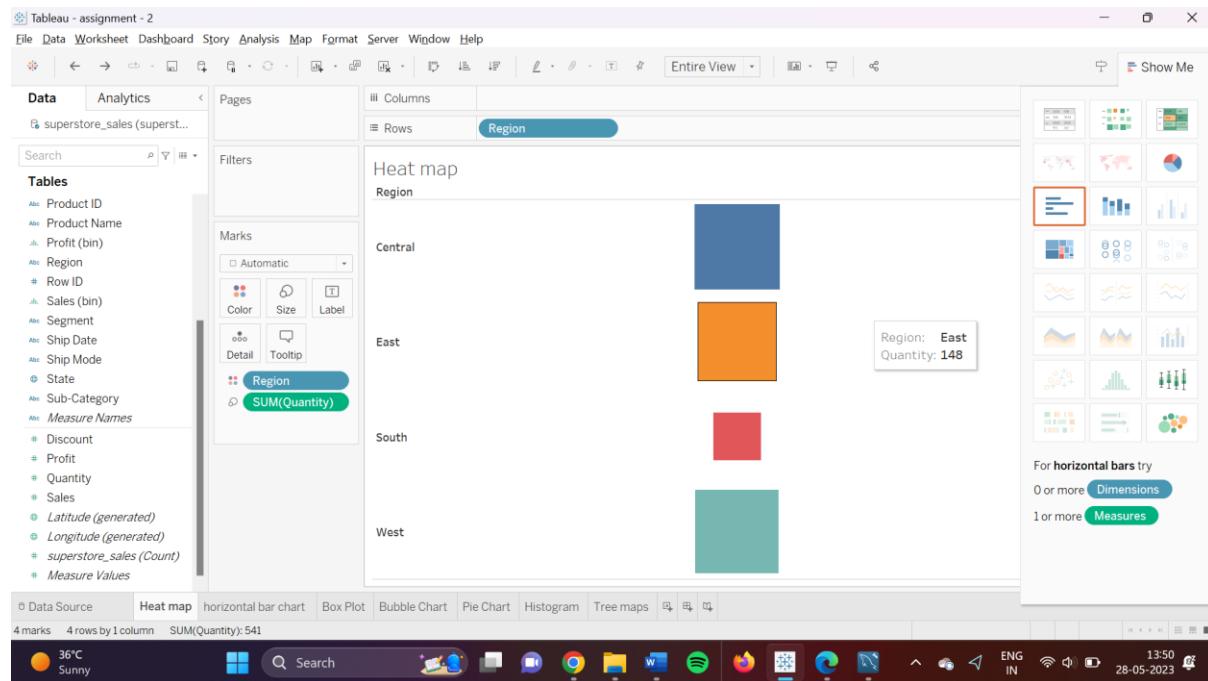
- 1) Create any 7 data visualizations/charts and perform the following
- 2) Apply dimension filter, context and measure filter on any of the three visualizations
- 3) Perform the following data manipulations on your dataset

- create a Hierarchy
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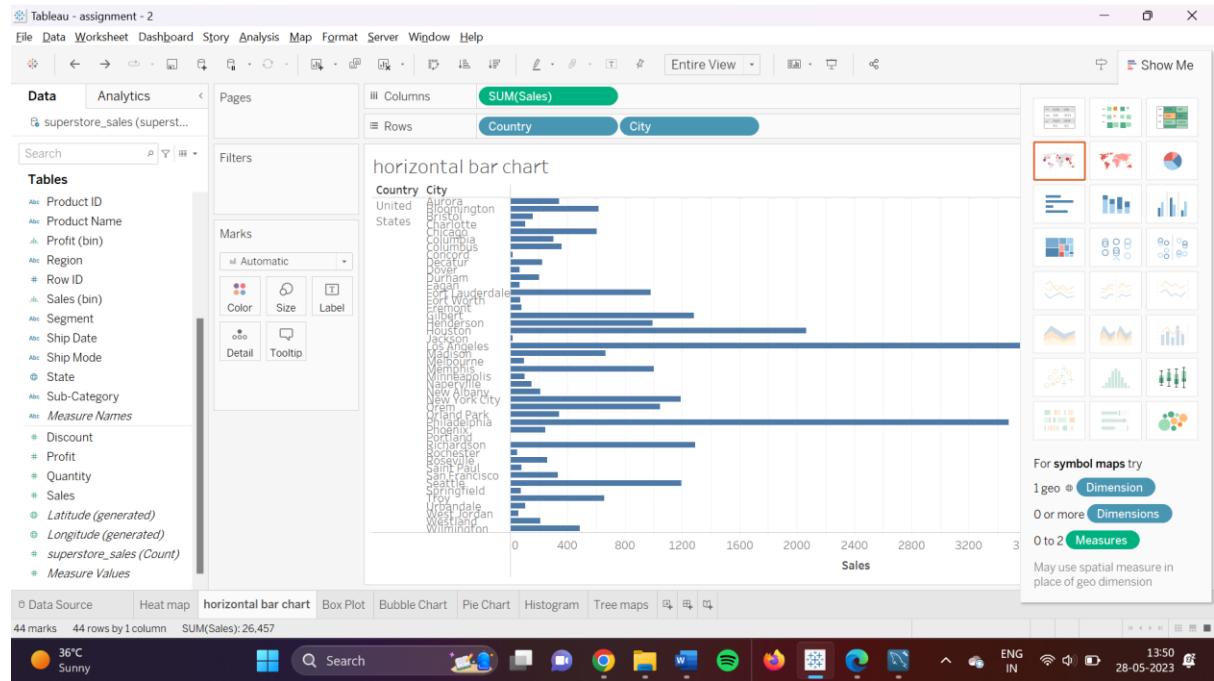
Note : Use 'superstore-sales' dataset

1)

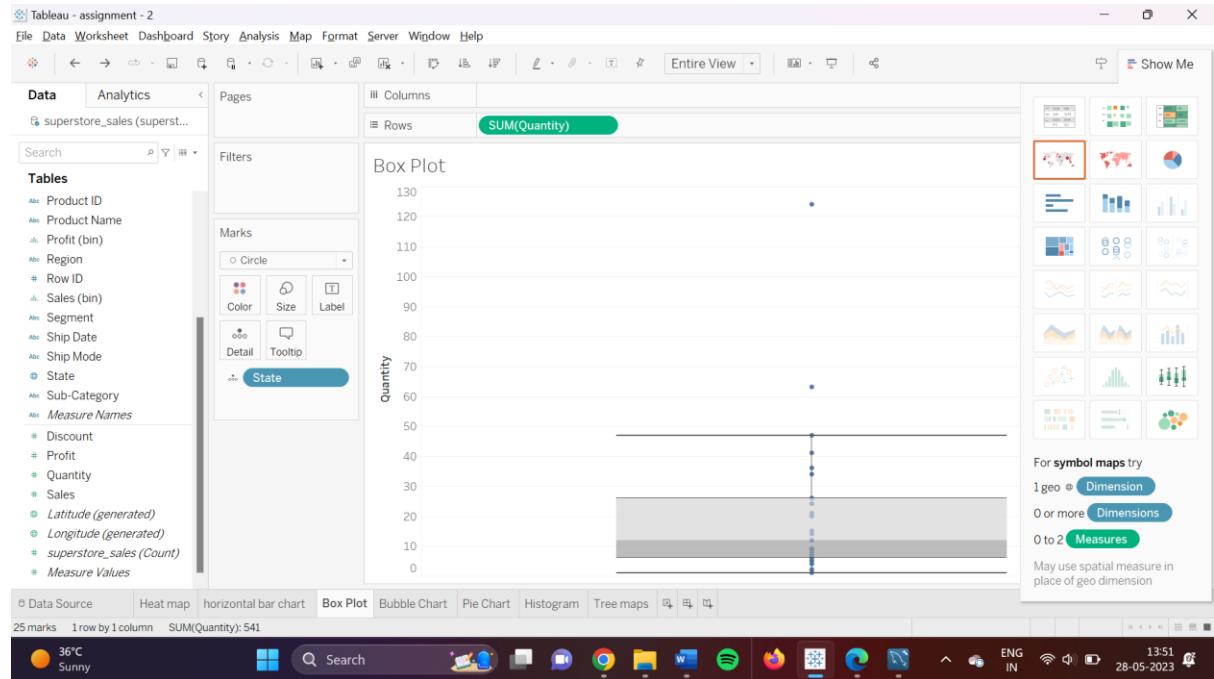
Heat Map:



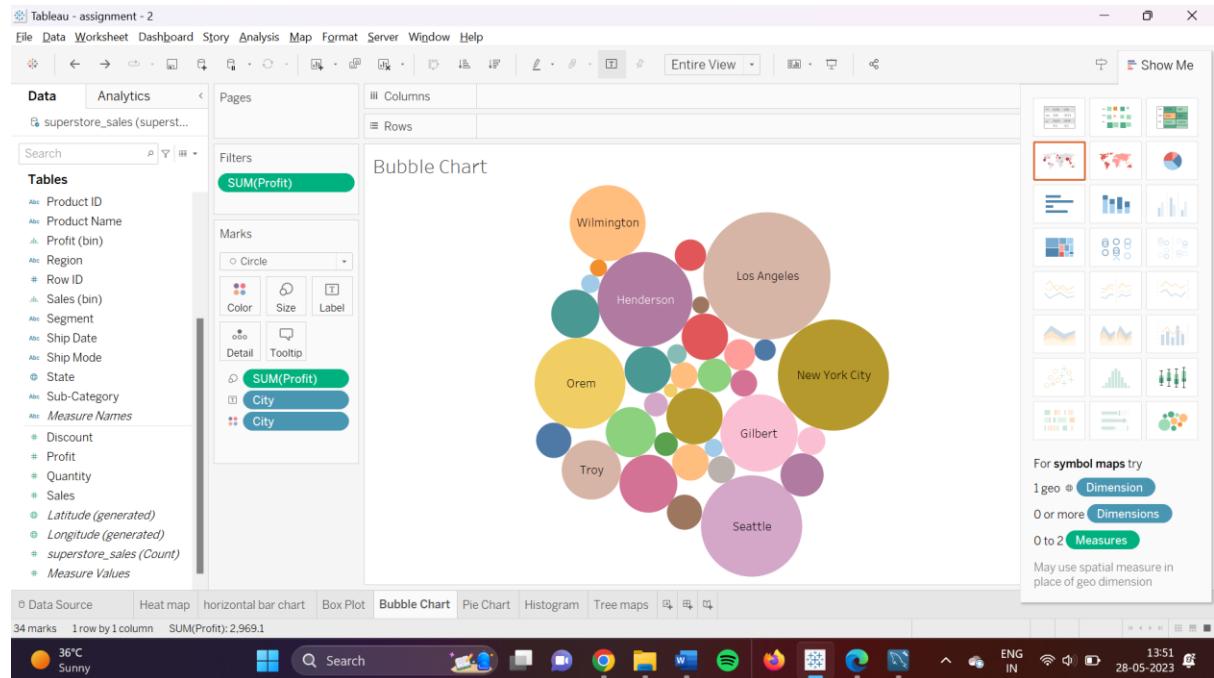
## Horizontal Bar Chart



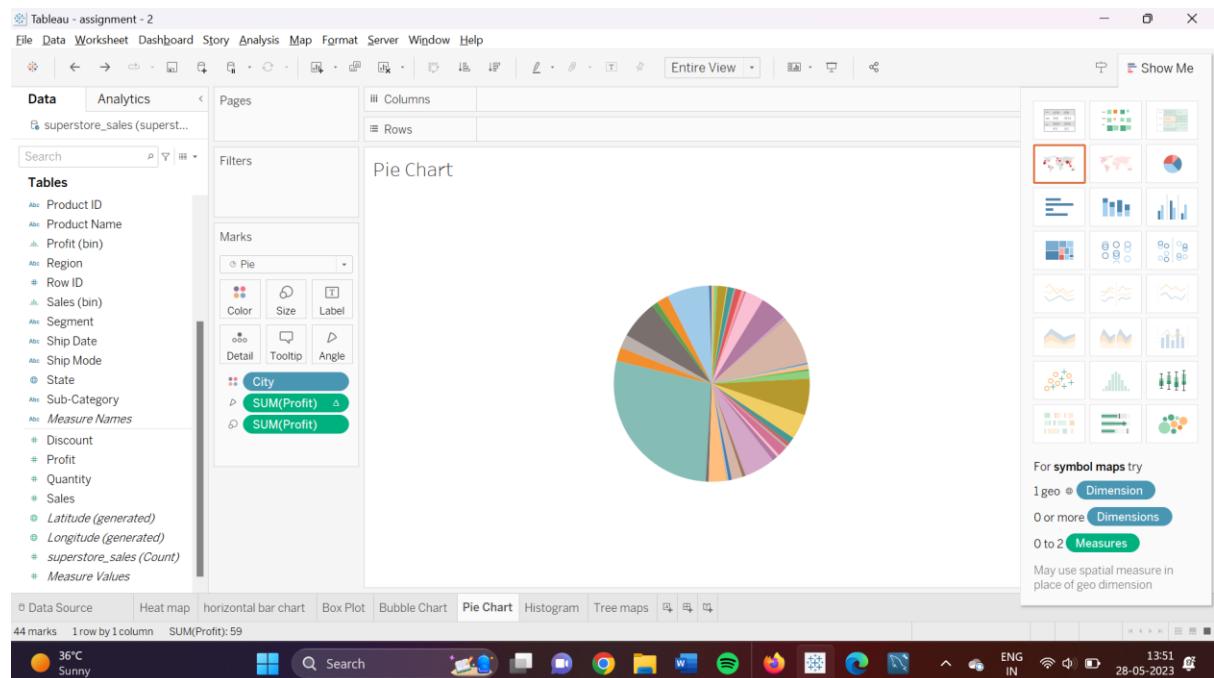
## Box Plot:



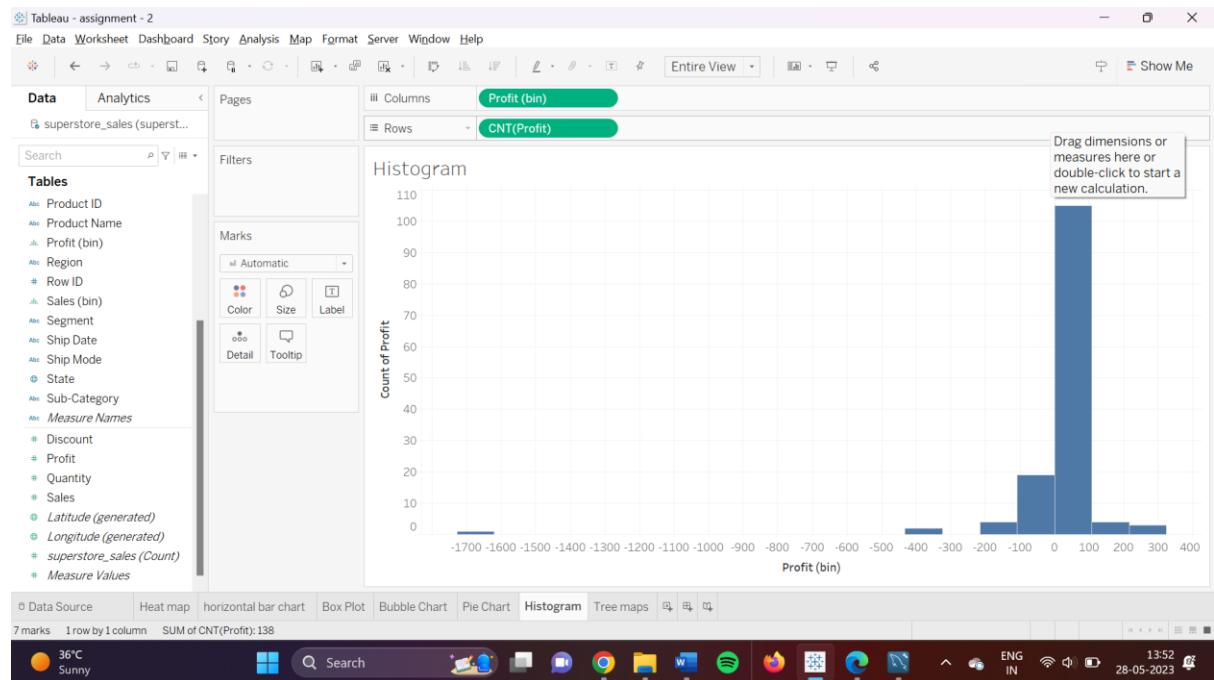
## Bubble Chart:



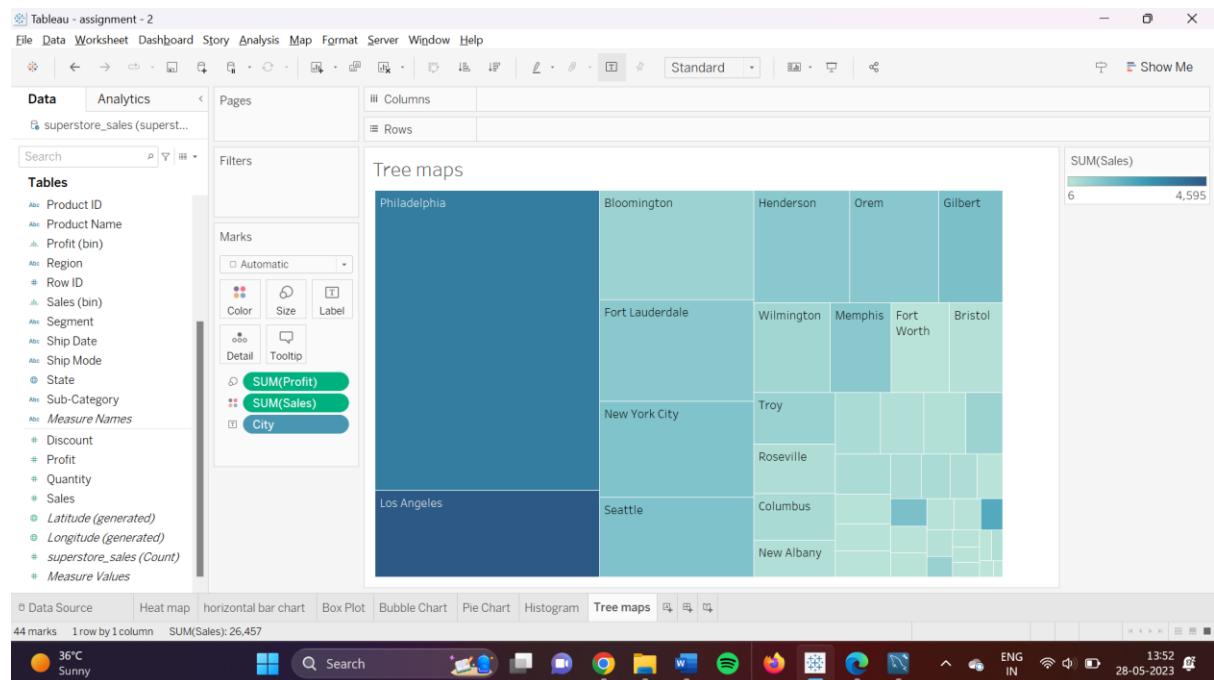
## Pie Chart:



## Histogram:

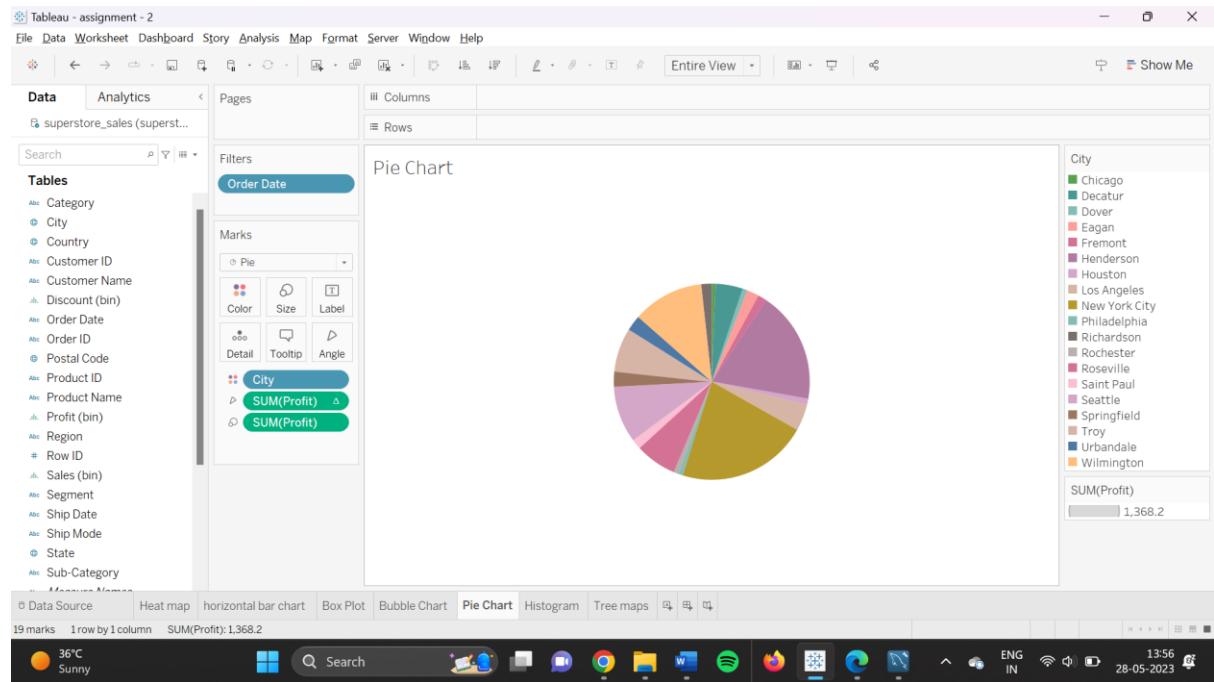


## Tree Maps:

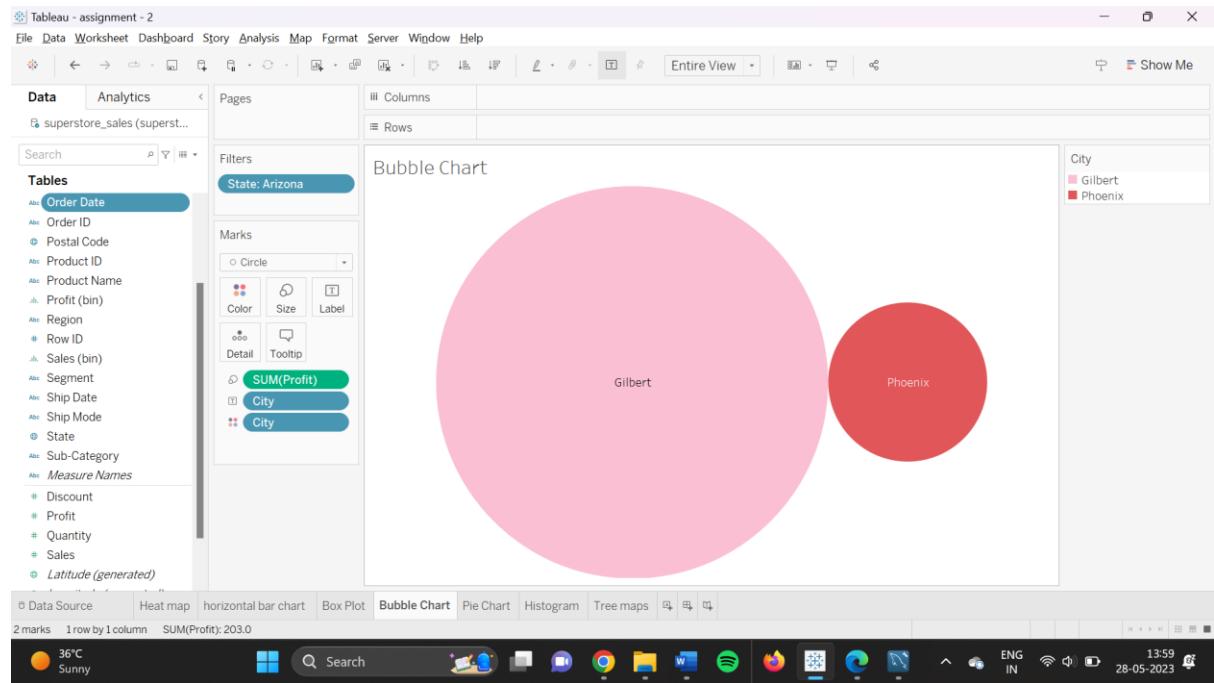


## 2) Dimension Filter:

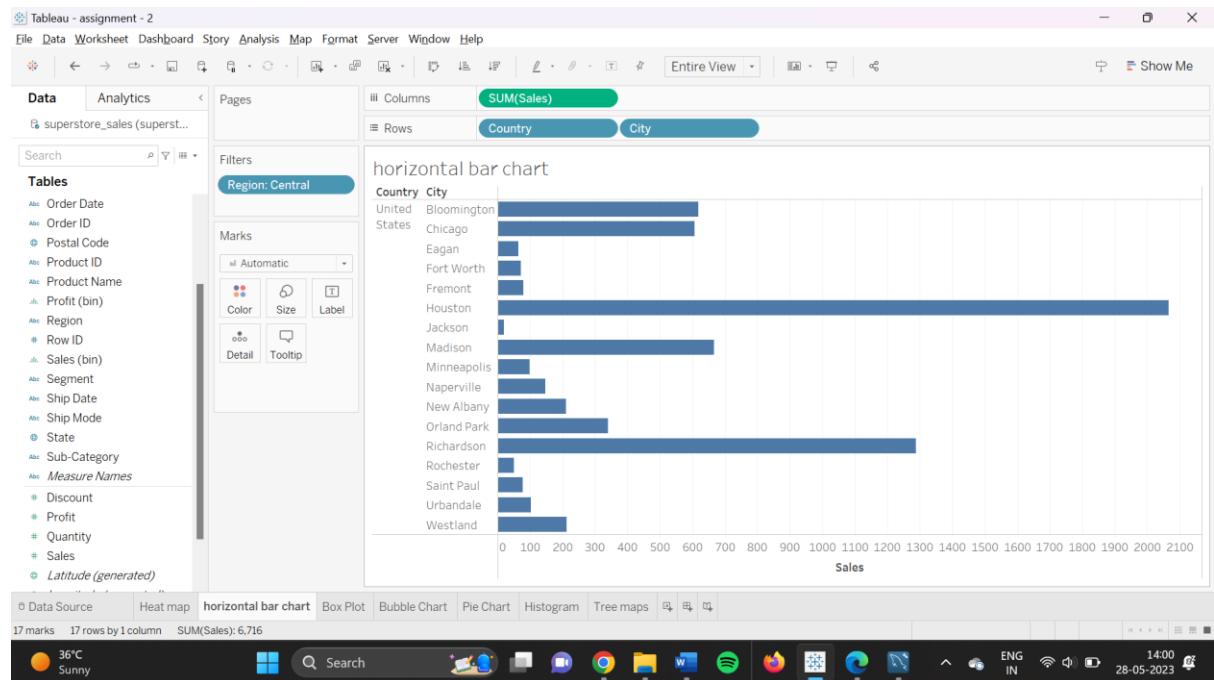
Pie chart of all the order dates in 2016 of profits from all cities in USA.



Bubble chart of profit from Arizona state:

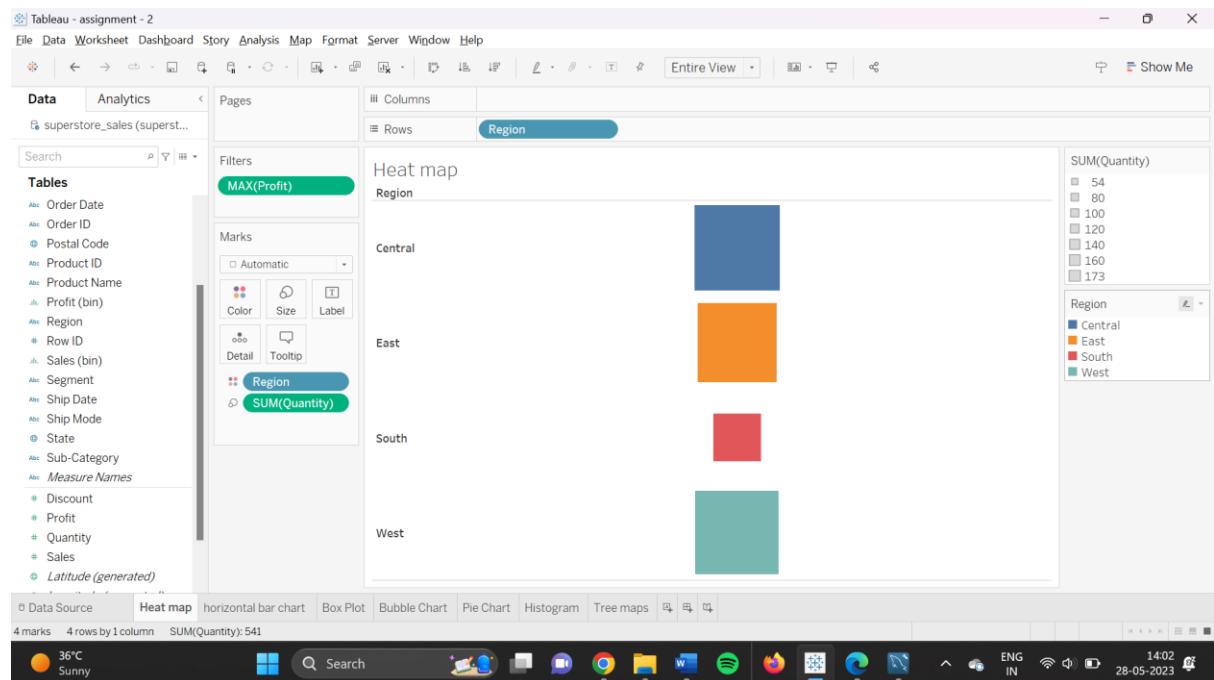


## Horizontal Bar Chart of sales from the central region:

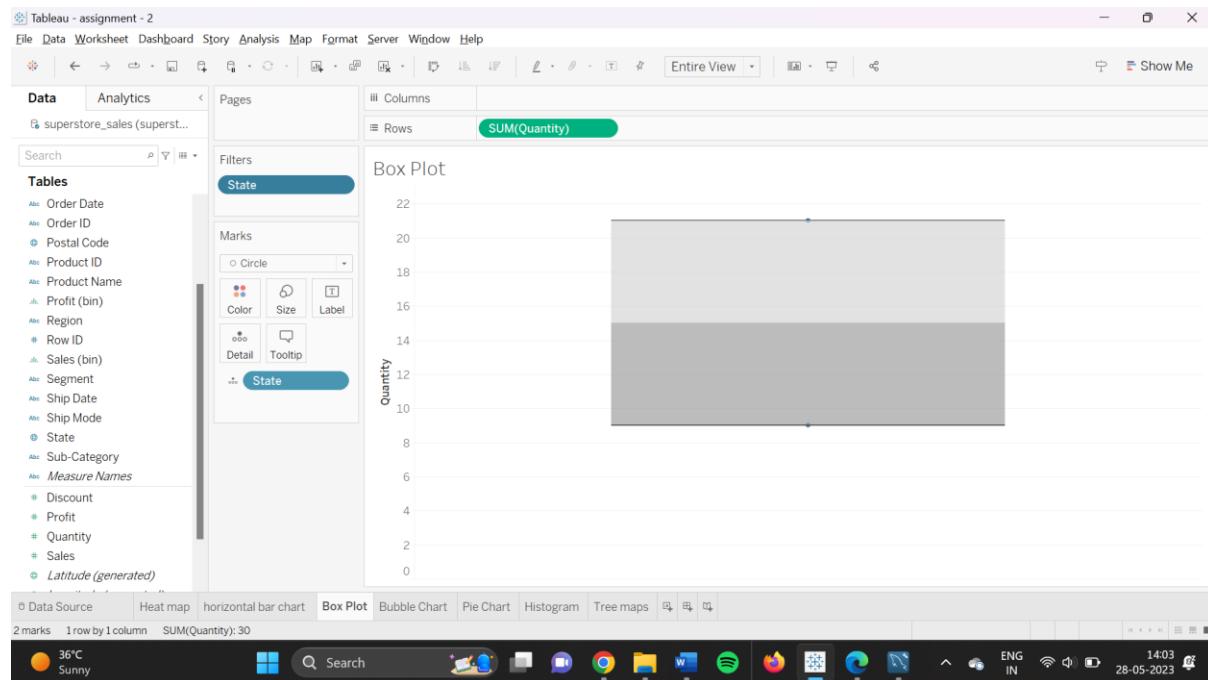


## Measure Filter:

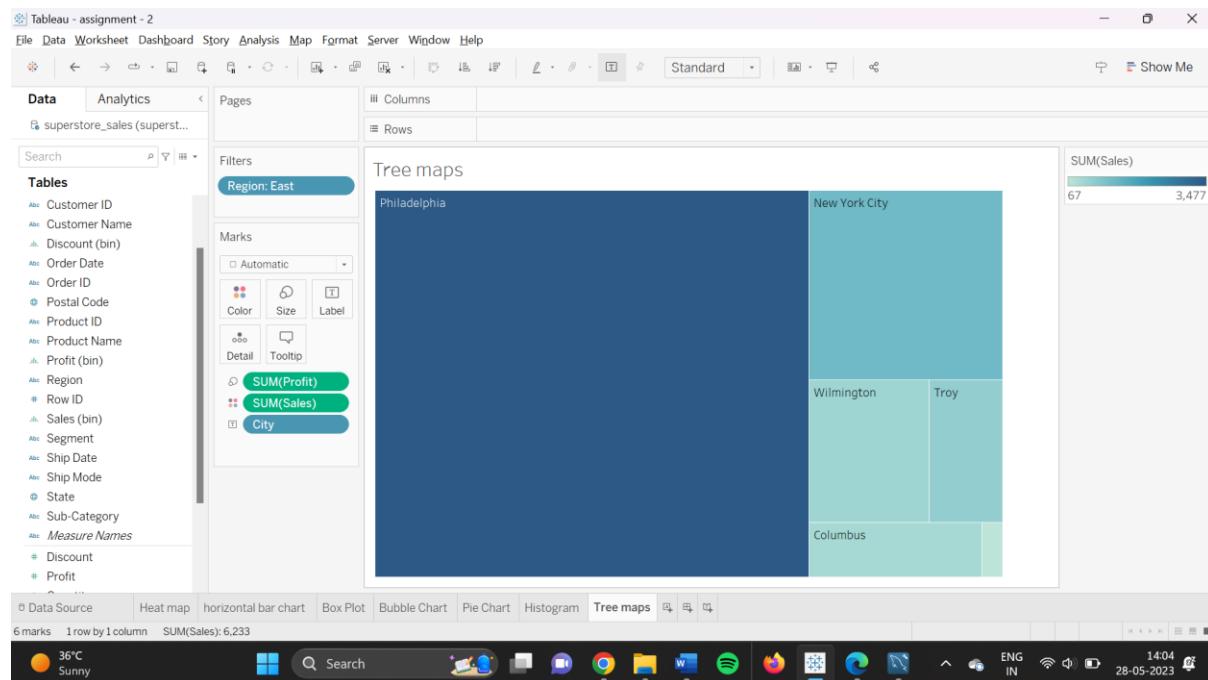
### Heat map of maximum profit from all regions:



## Quantity Box Plot from Arizona and Florida states:

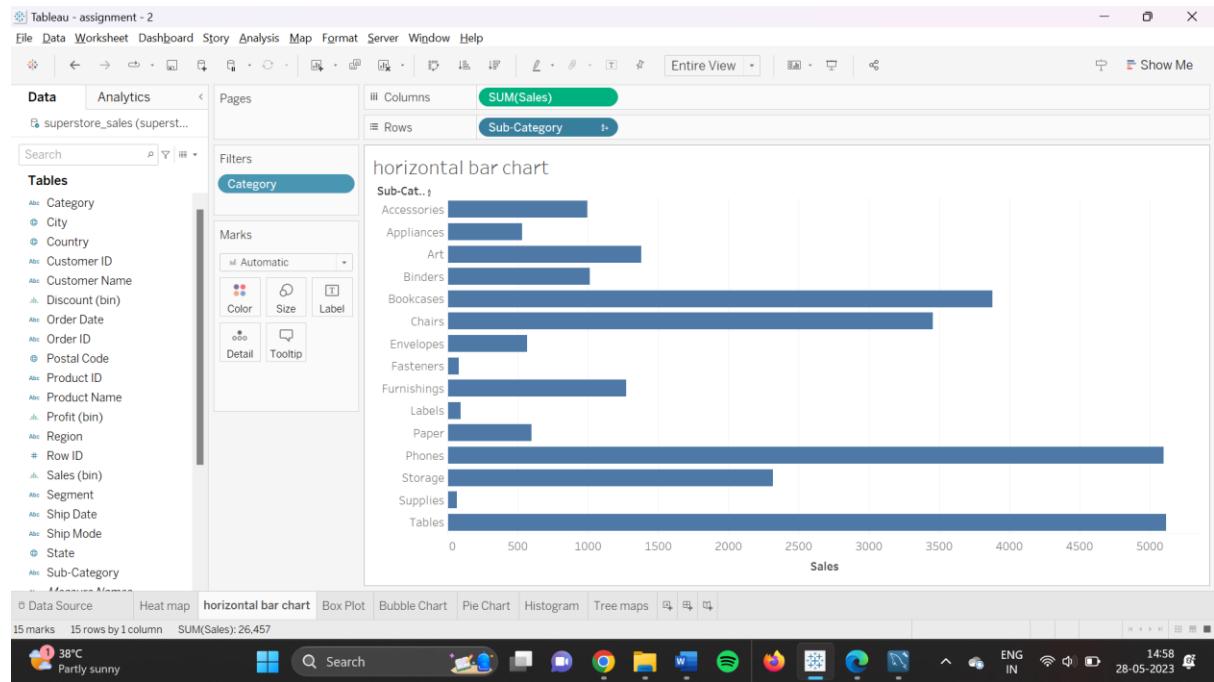


## Tree map of profit and sales from eastern region:

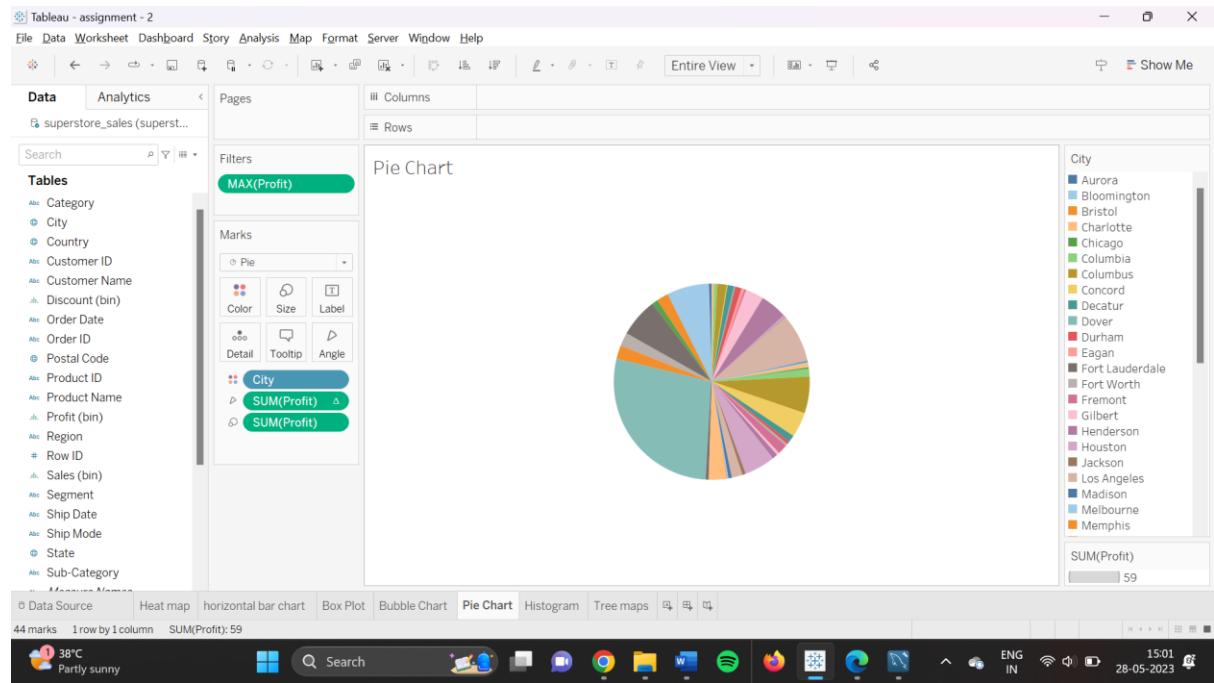


## Context Filter:

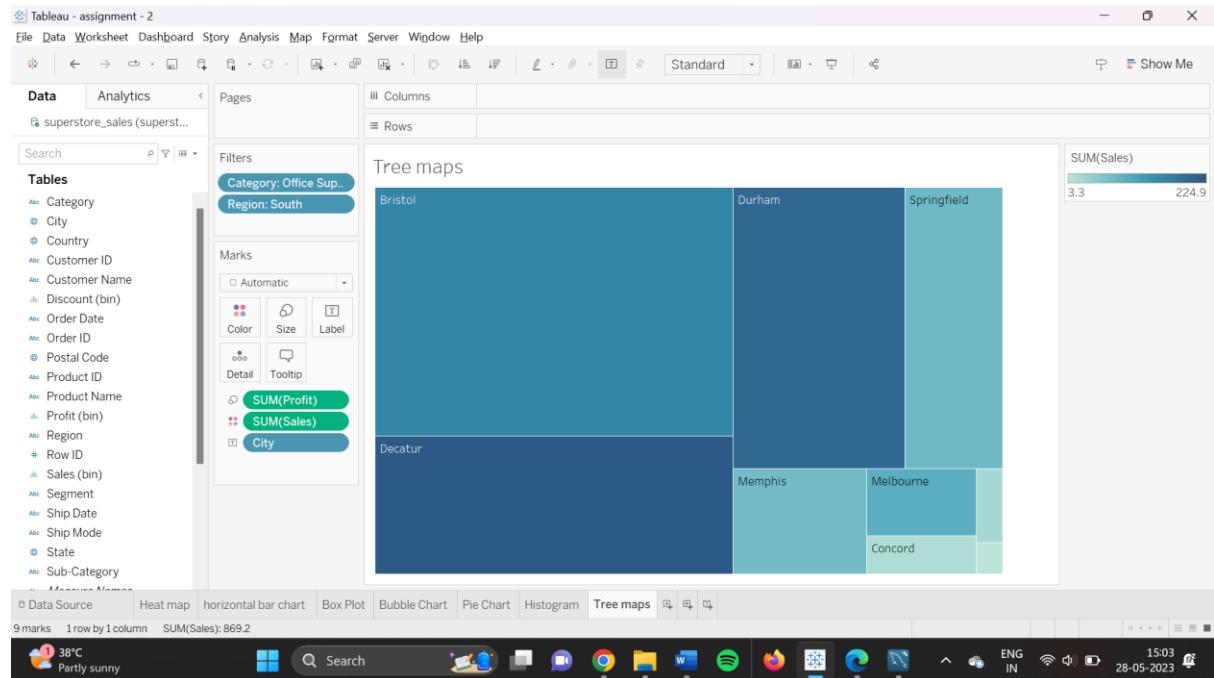
Horizontal bar chart of sales of sub-categories sorted in alphabetical order:



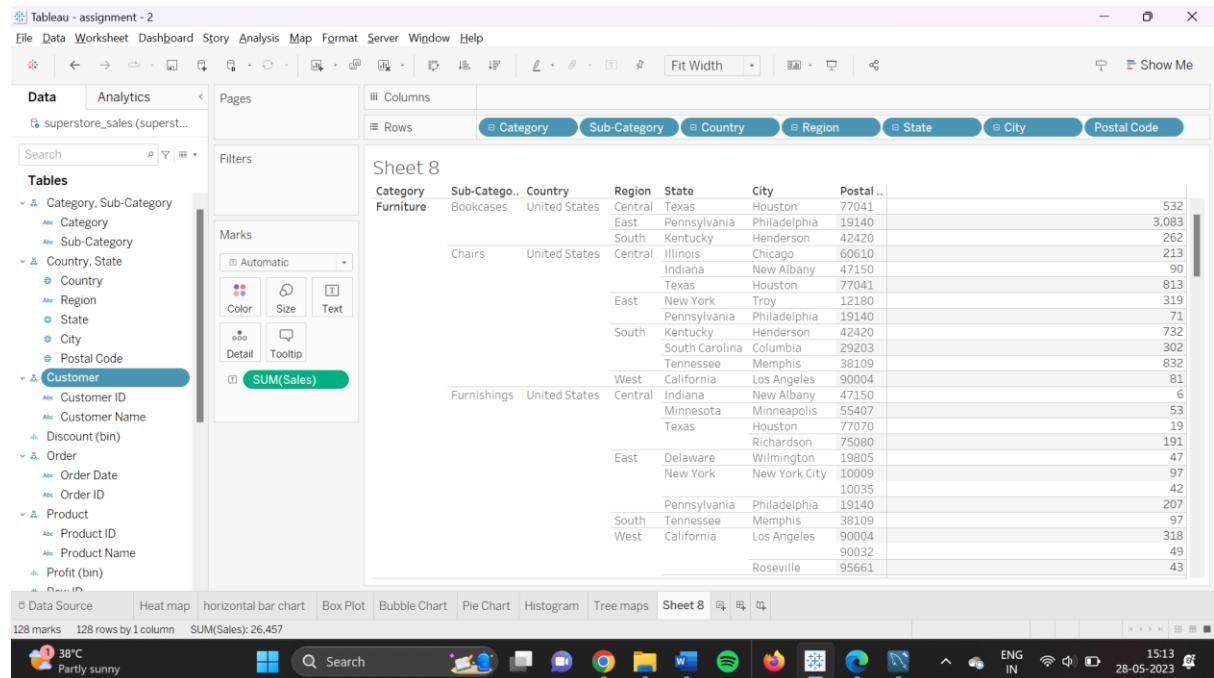
Pie Chart of maximum profit from all cities:



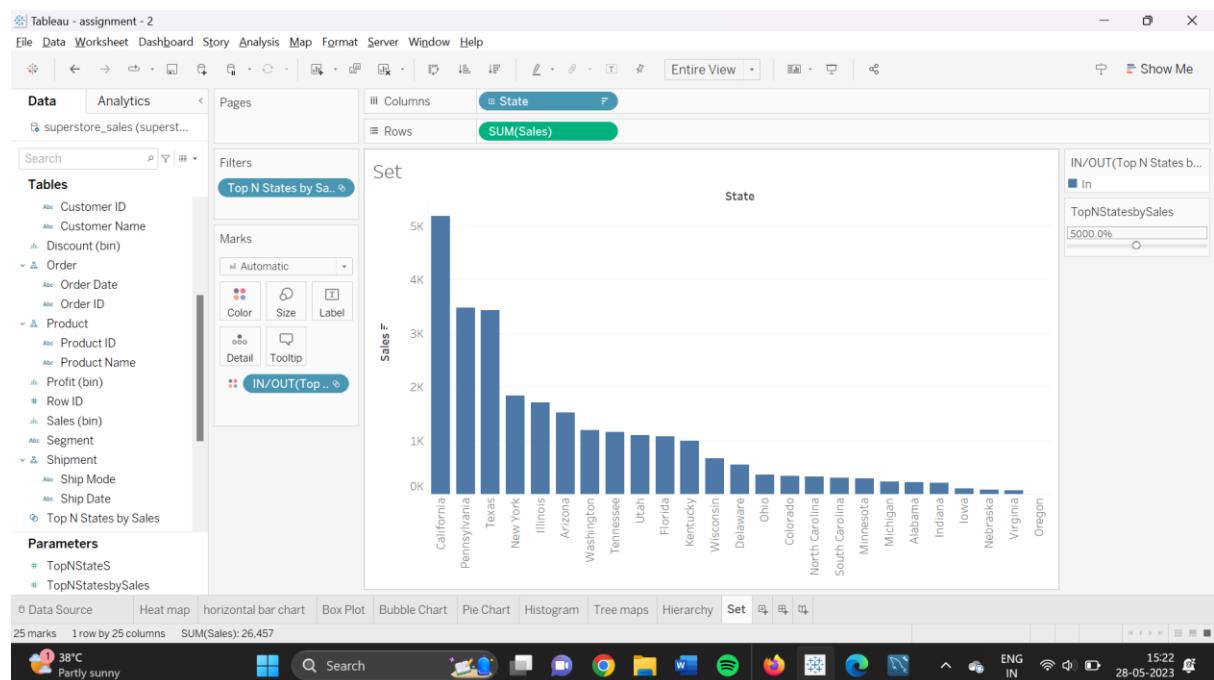
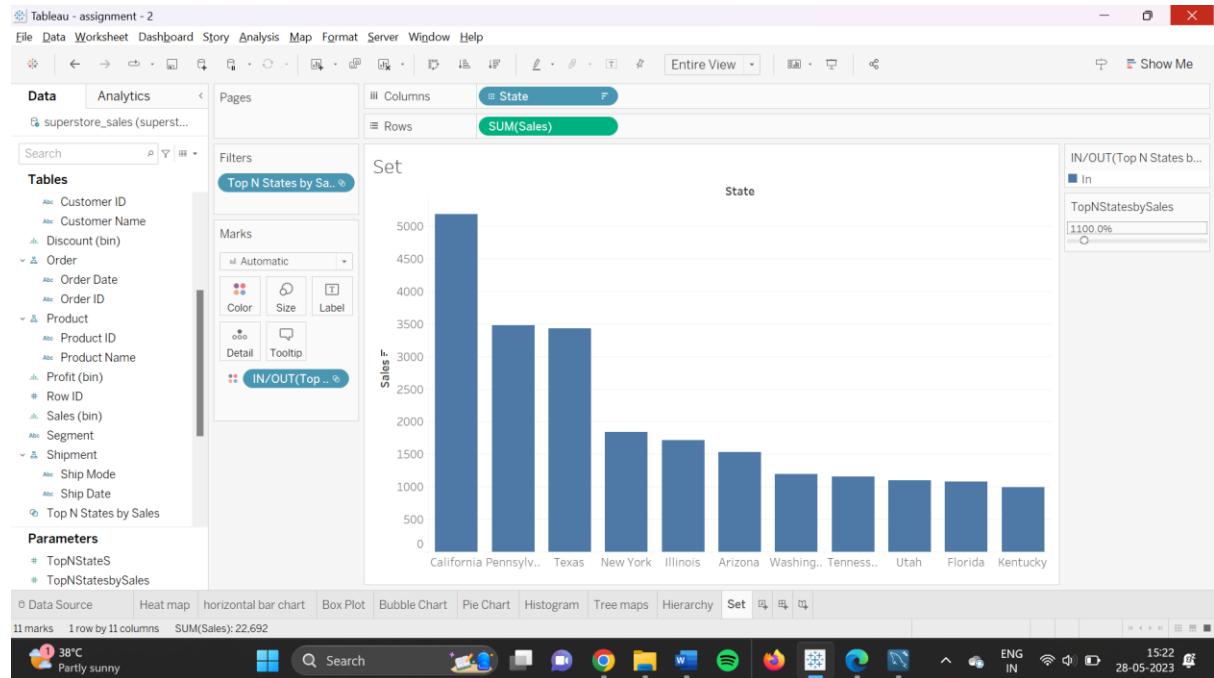
### Tree map of profit of office supplies from cities in southern region:



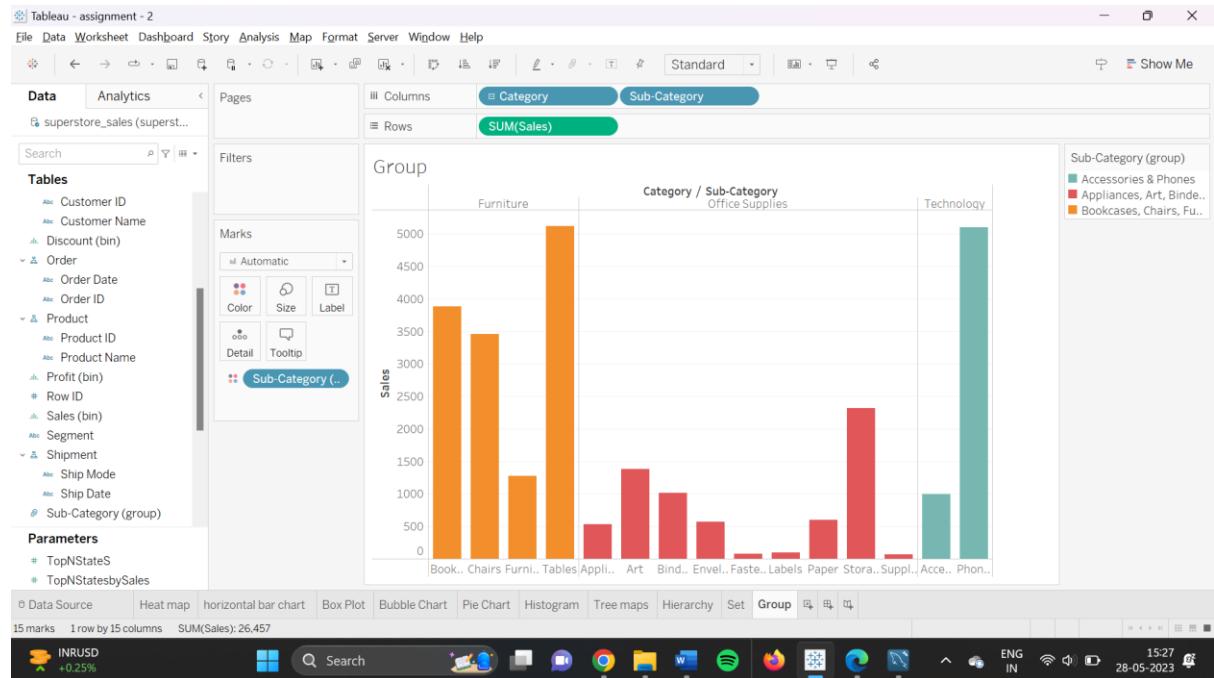
### 3) Hierarchy:



## Set:



## Group:



# NAME: RISHITHA T

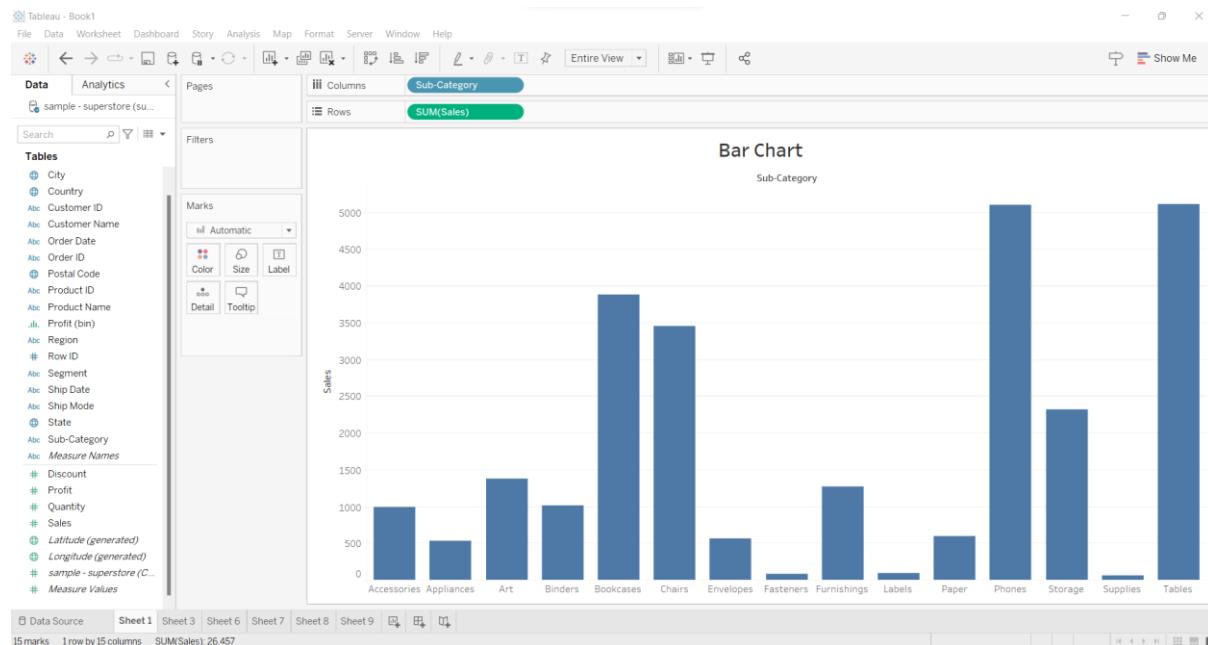
## REG NO :20MIS0444

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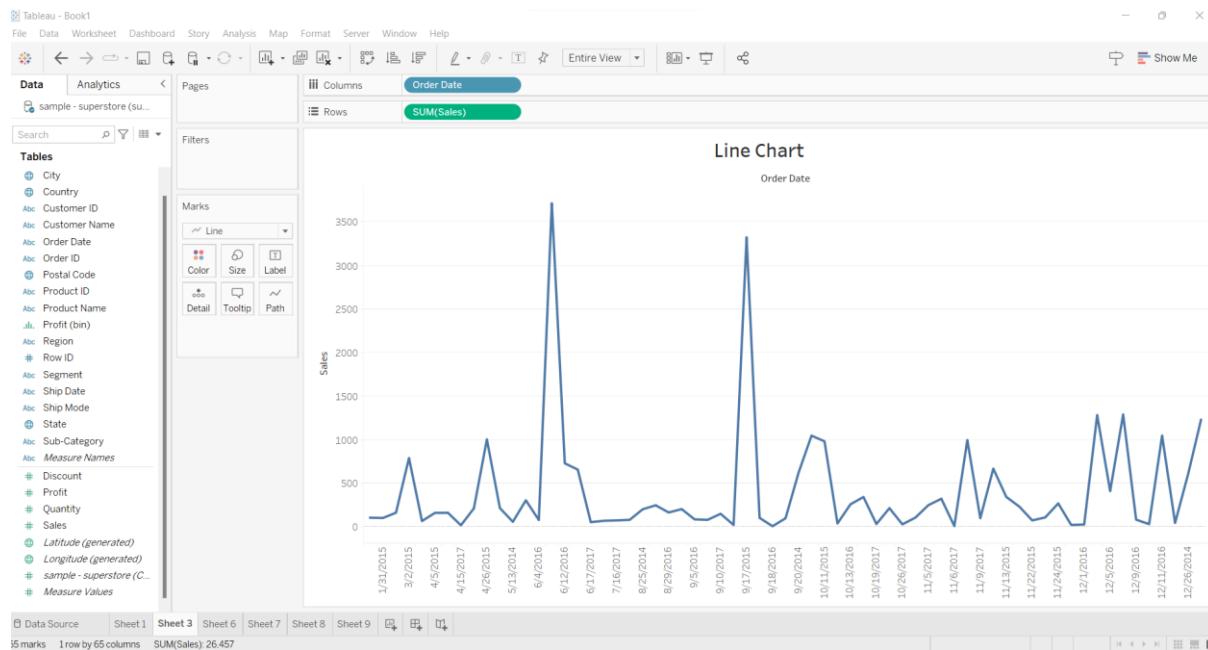
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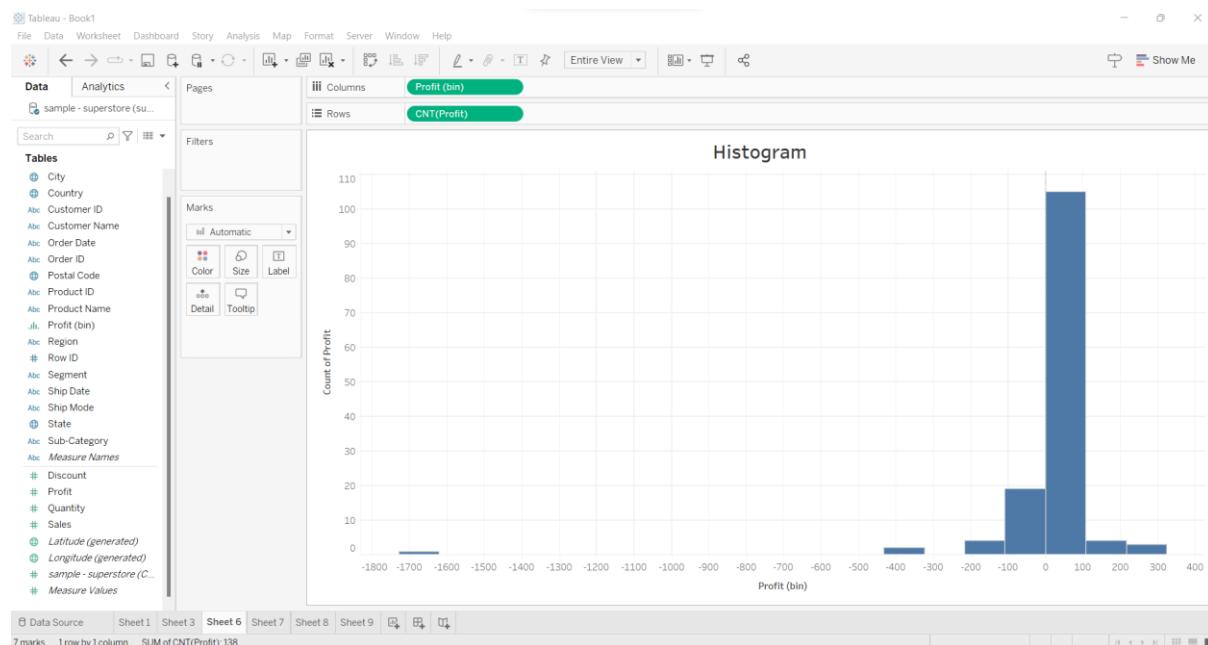
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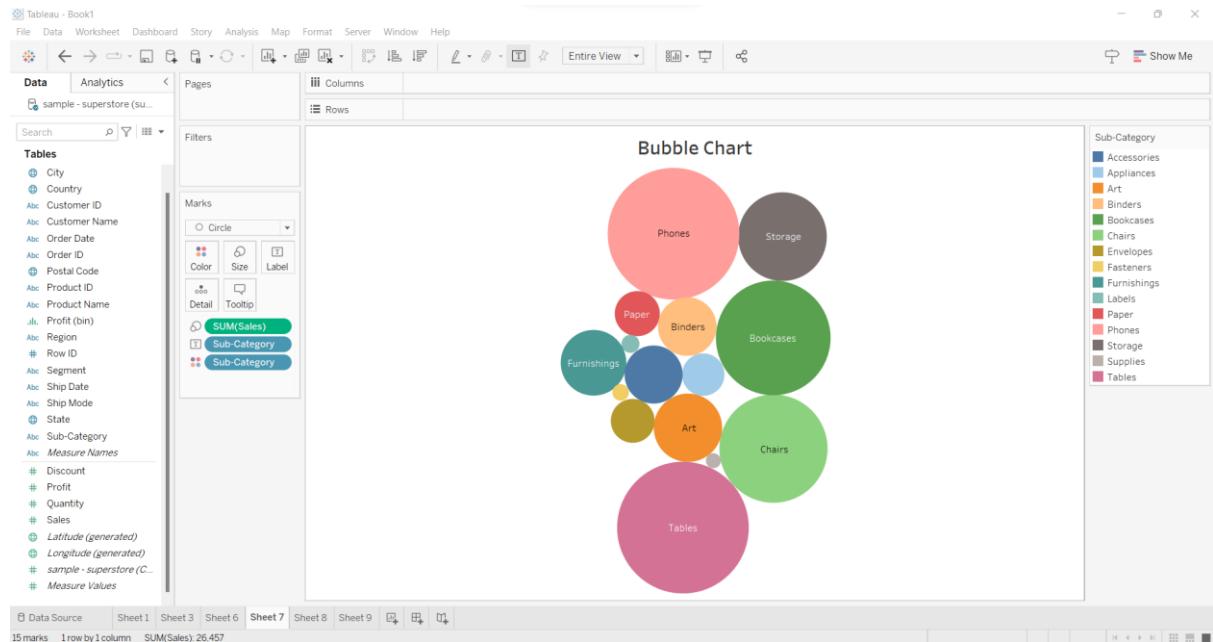
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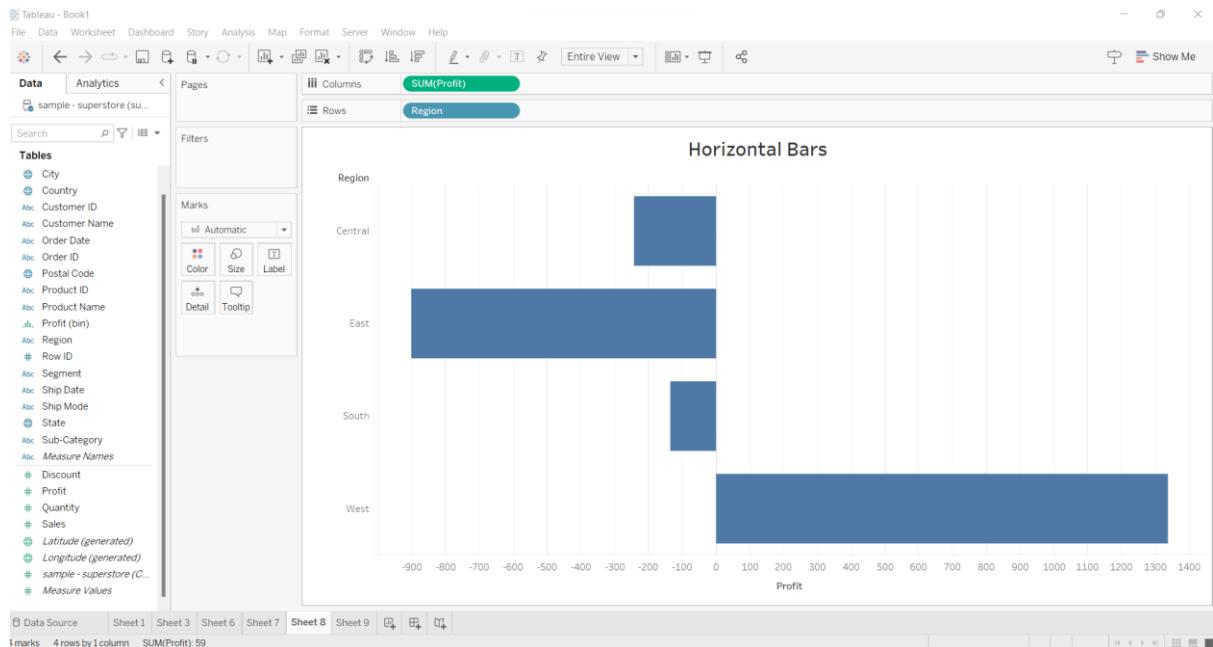
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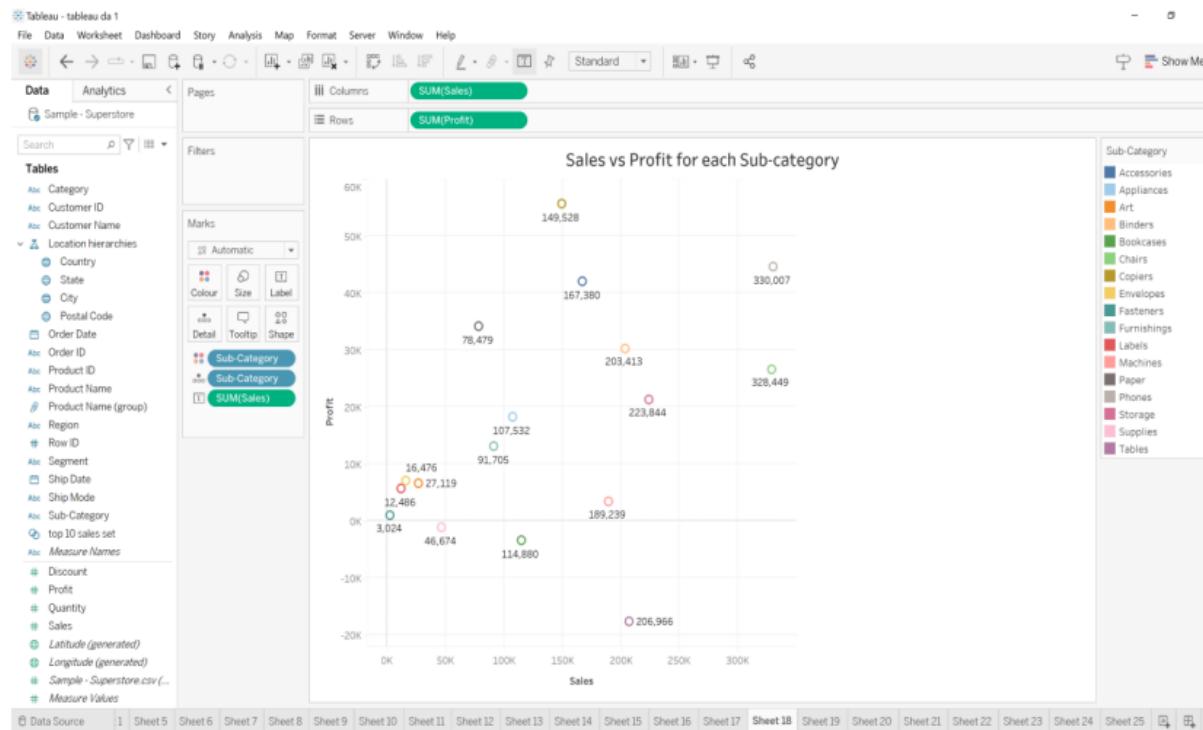
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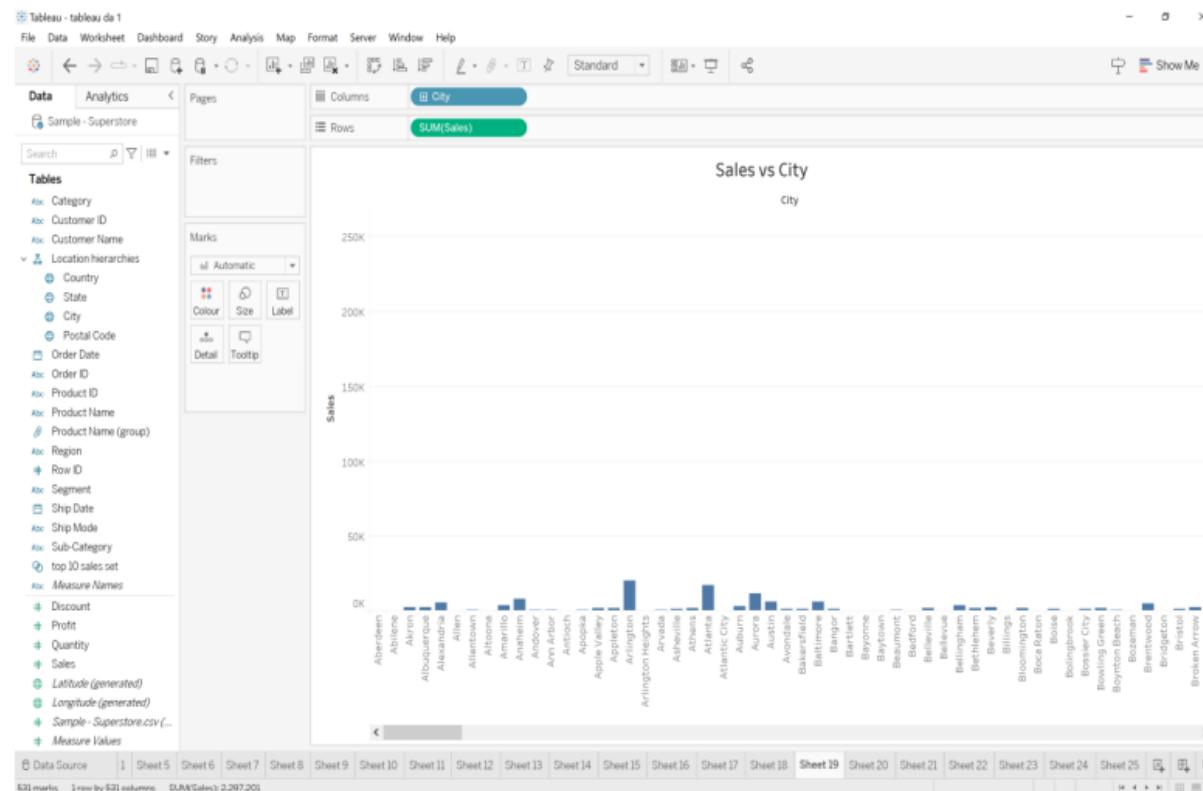
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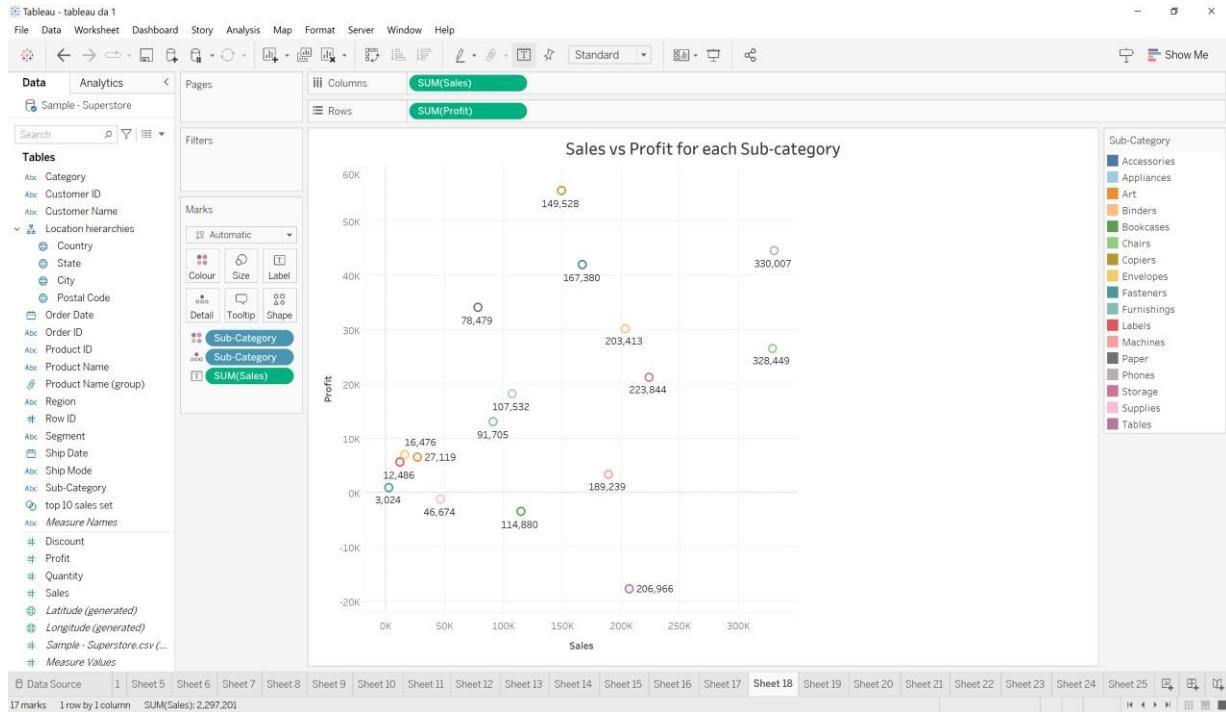
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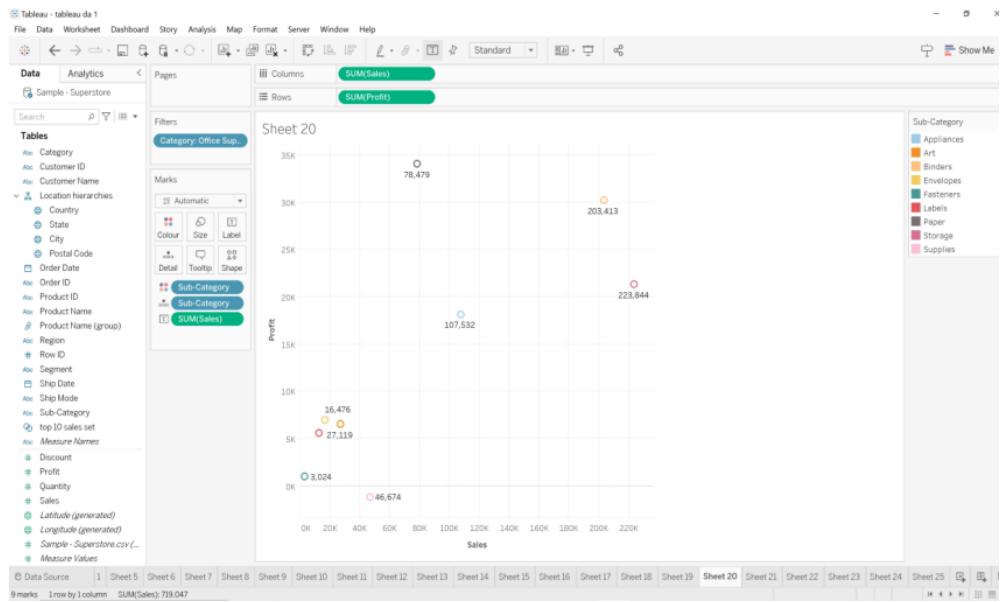
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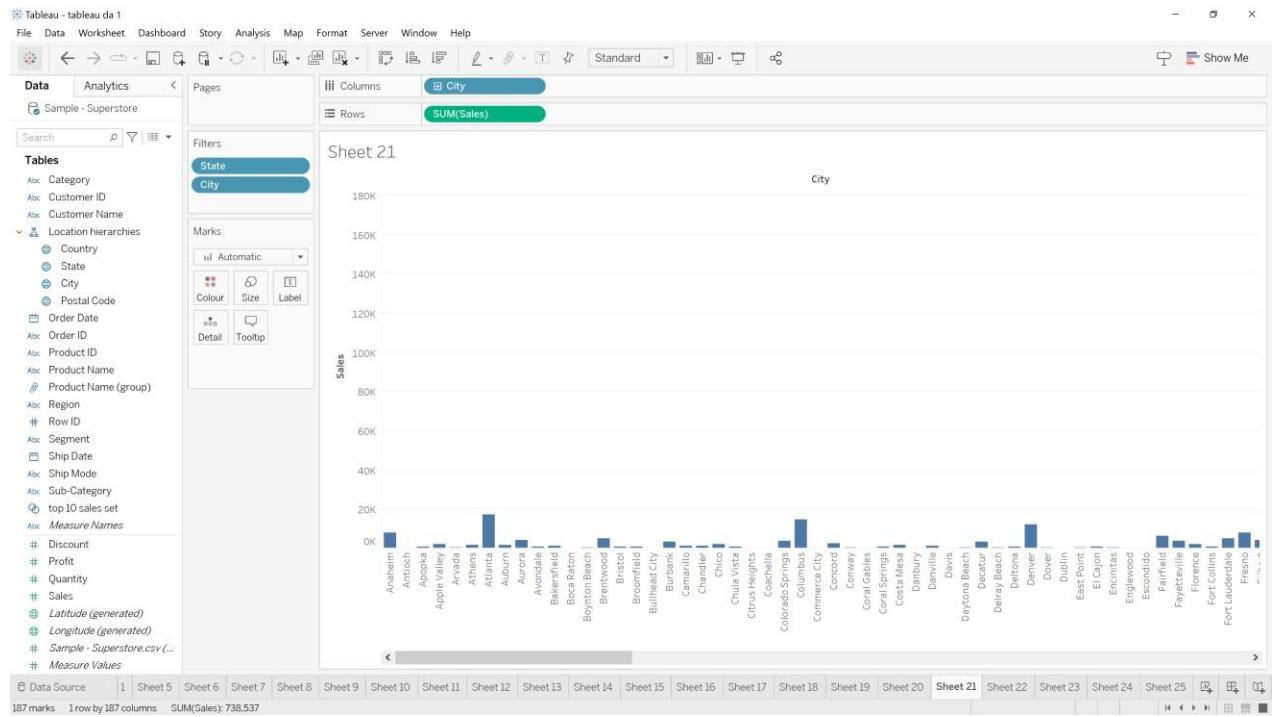


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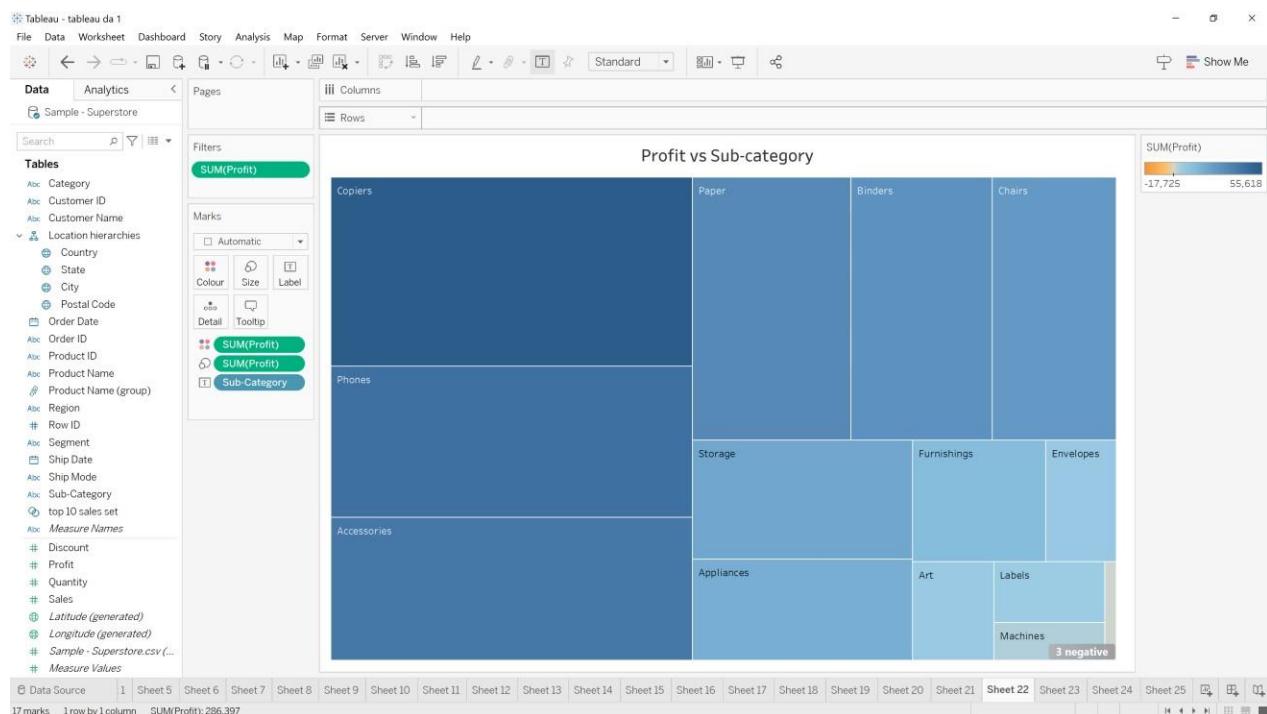
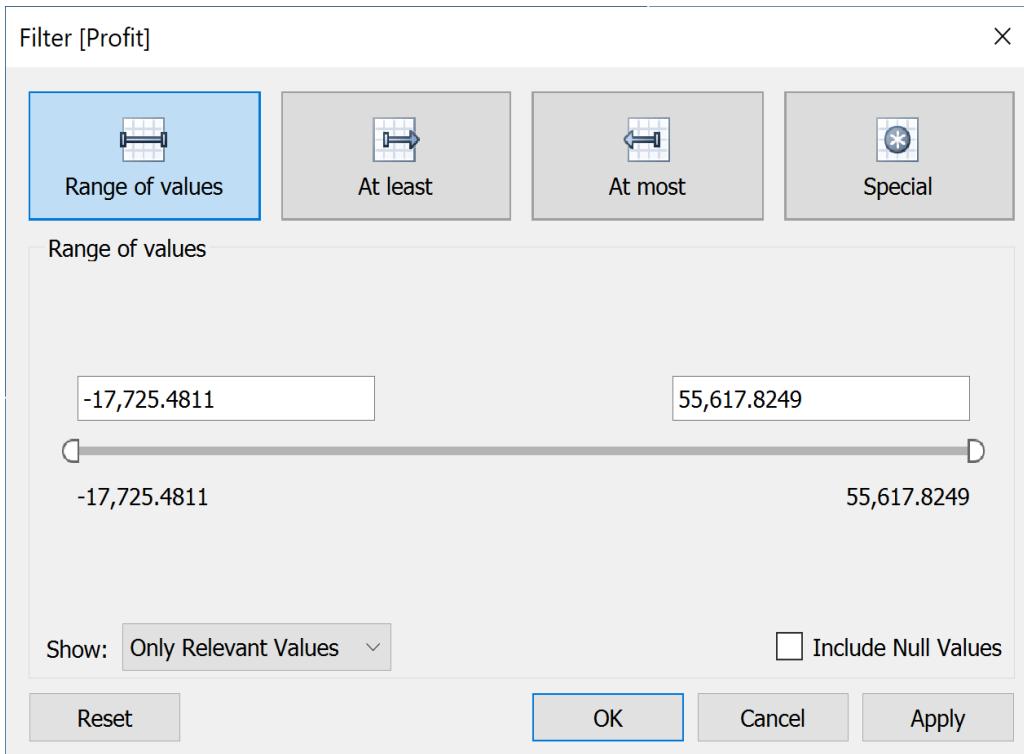
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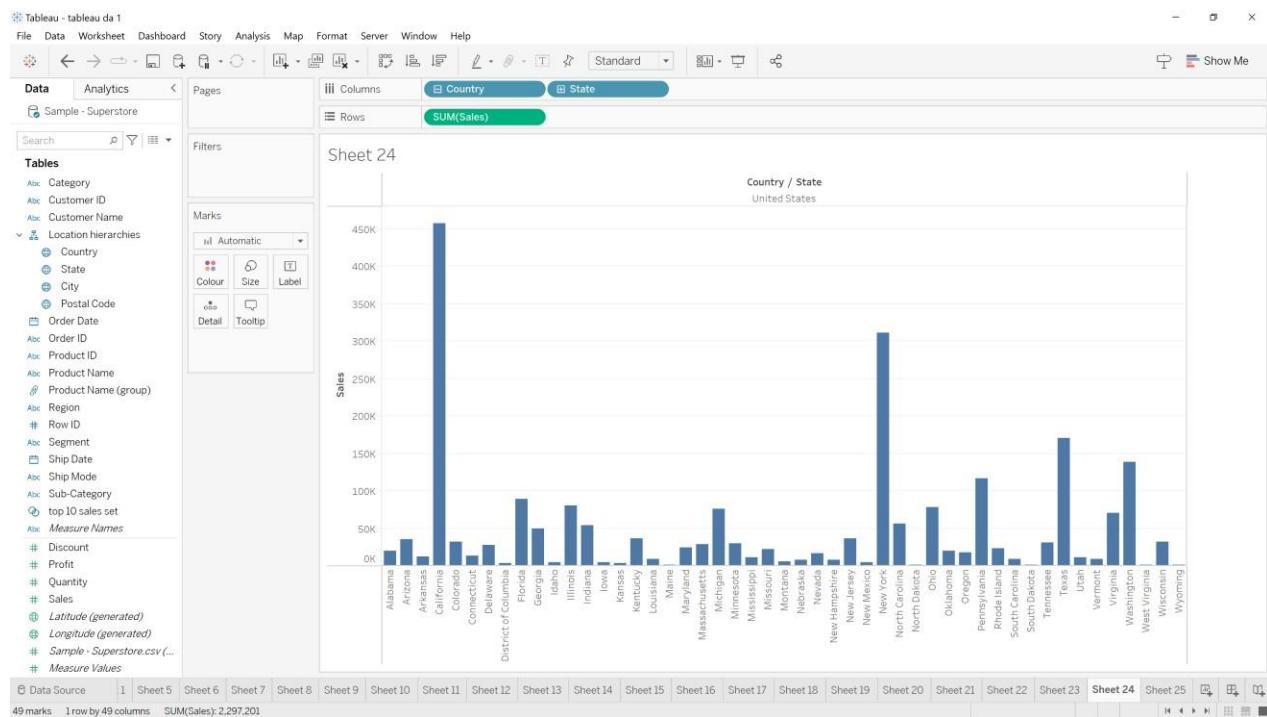
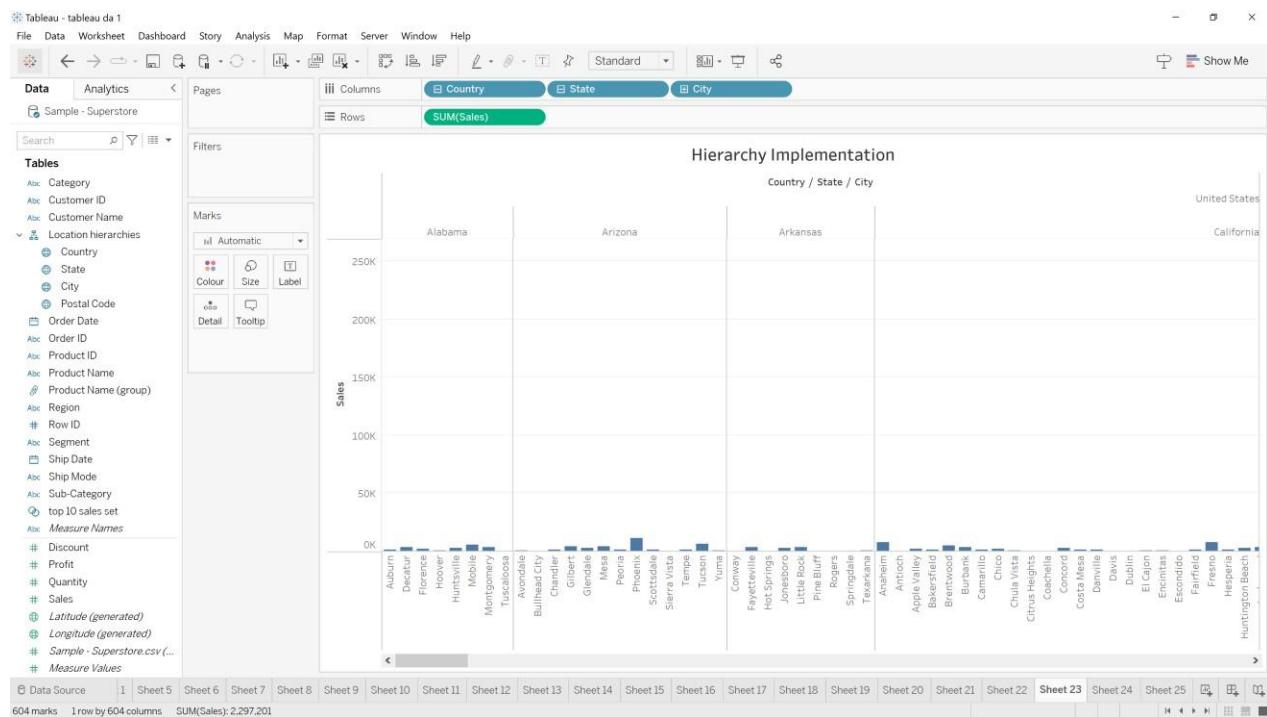


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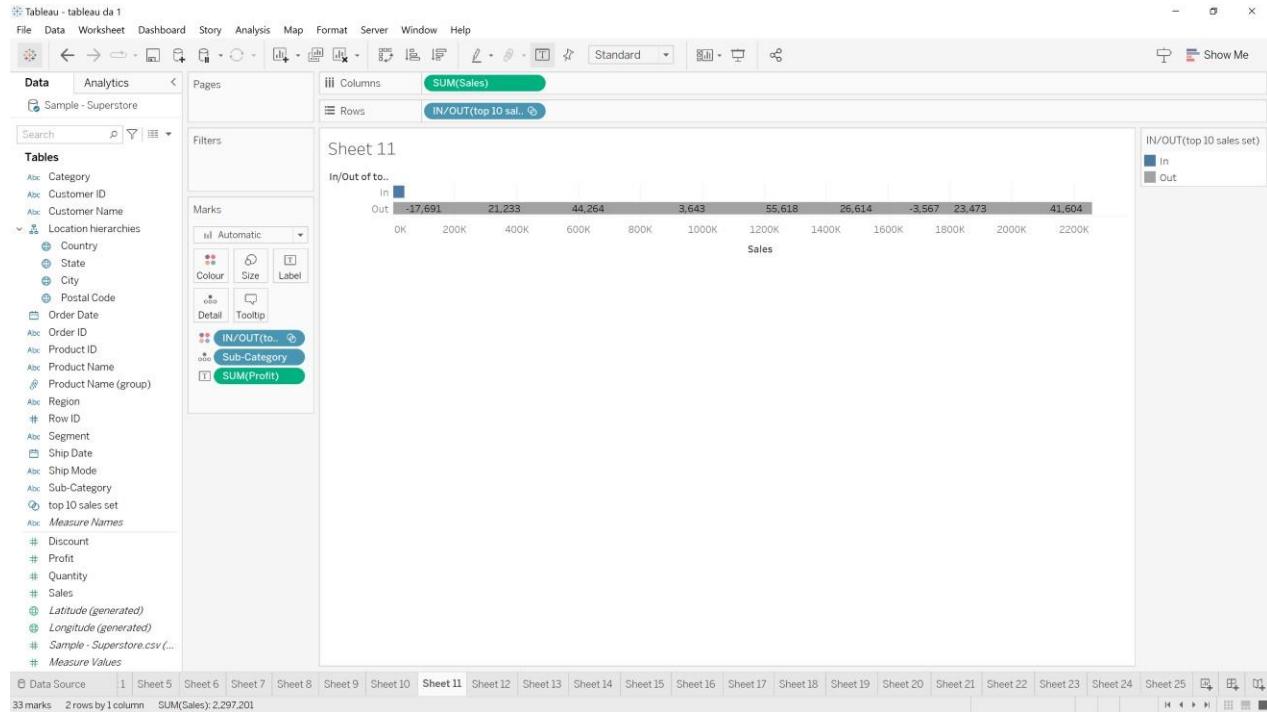
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We Create a hierarchy of locations



## b. Create a set:

We create a set with only the top 10 profits



## c. Create a group:

