

NAME: B.KRISHNA PRASAD REDDY

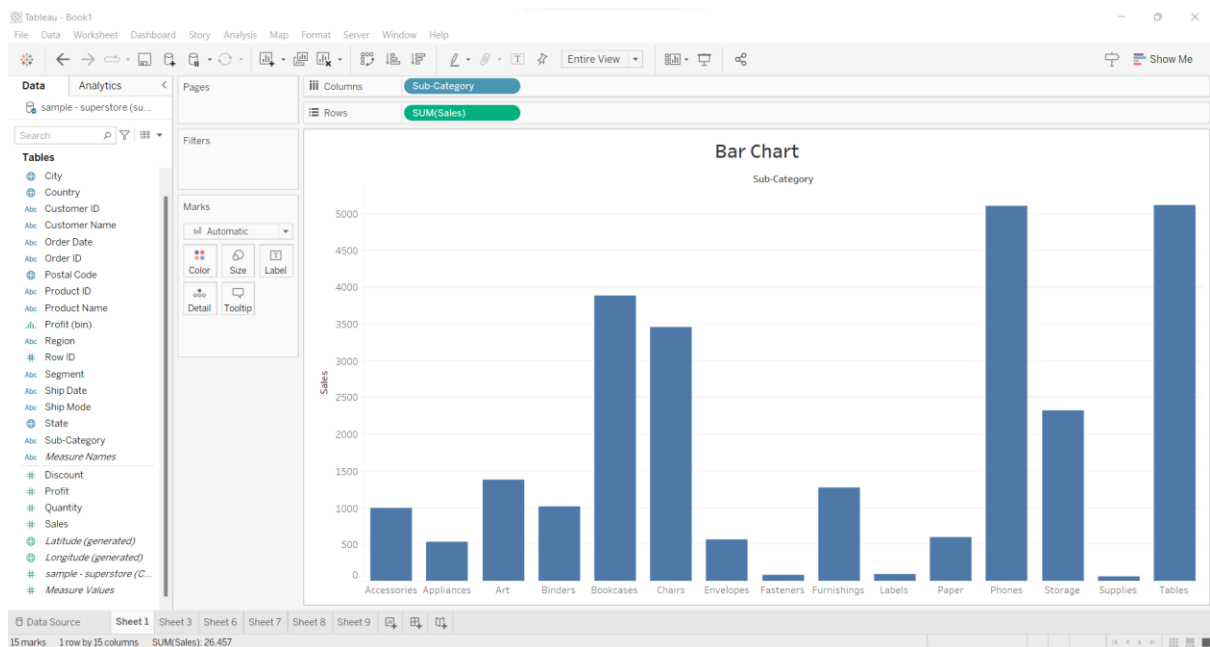
REG NO :20BDS0082

## DATA ANALYTICS USING TABLEAU AND MYSQL

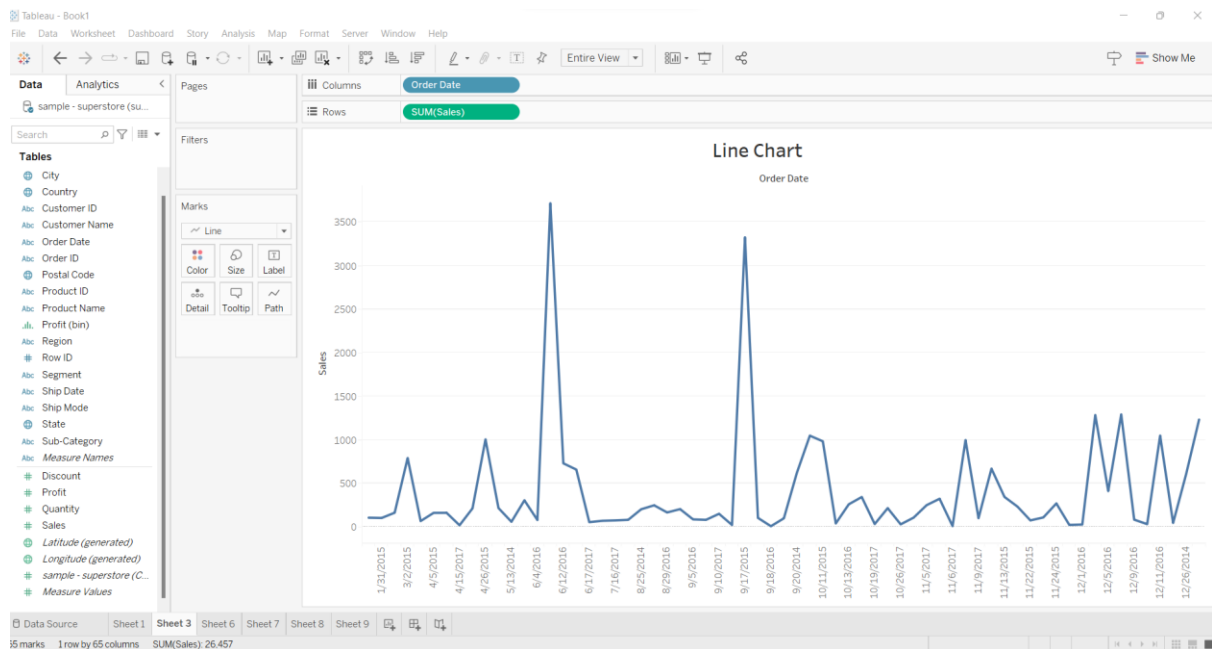
### ASSIGNMENT 2

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

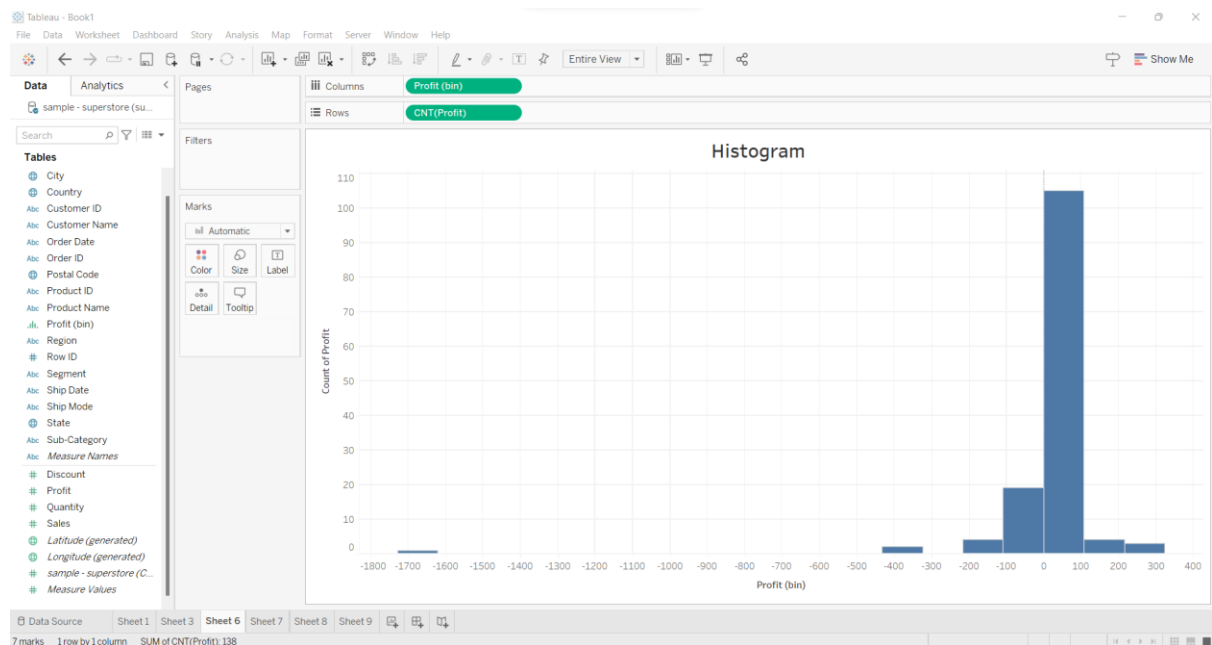
#### 1. BAR CHART



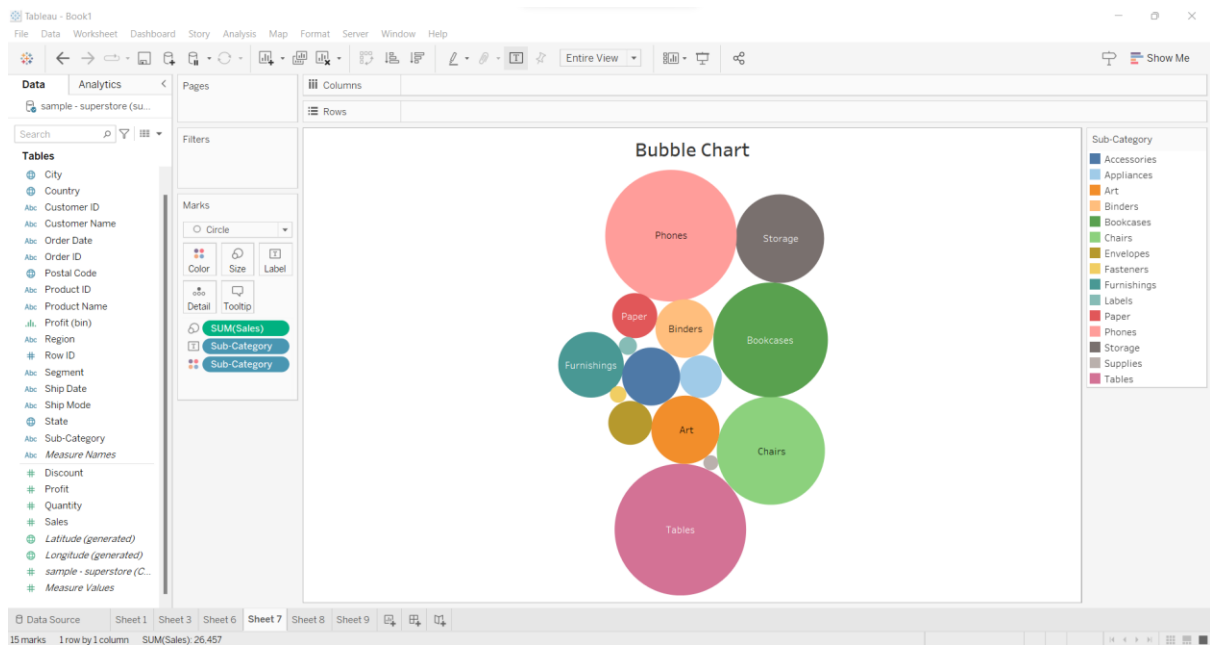
## 2. LINE CHART



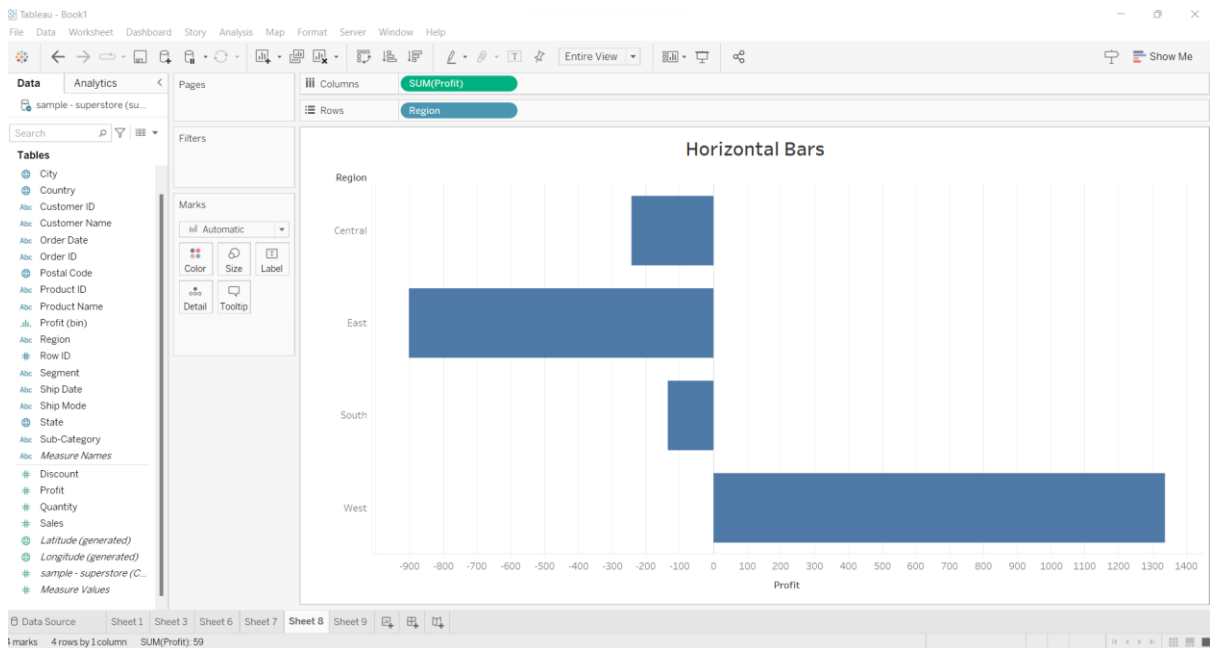
## 3. HISTOGRAM



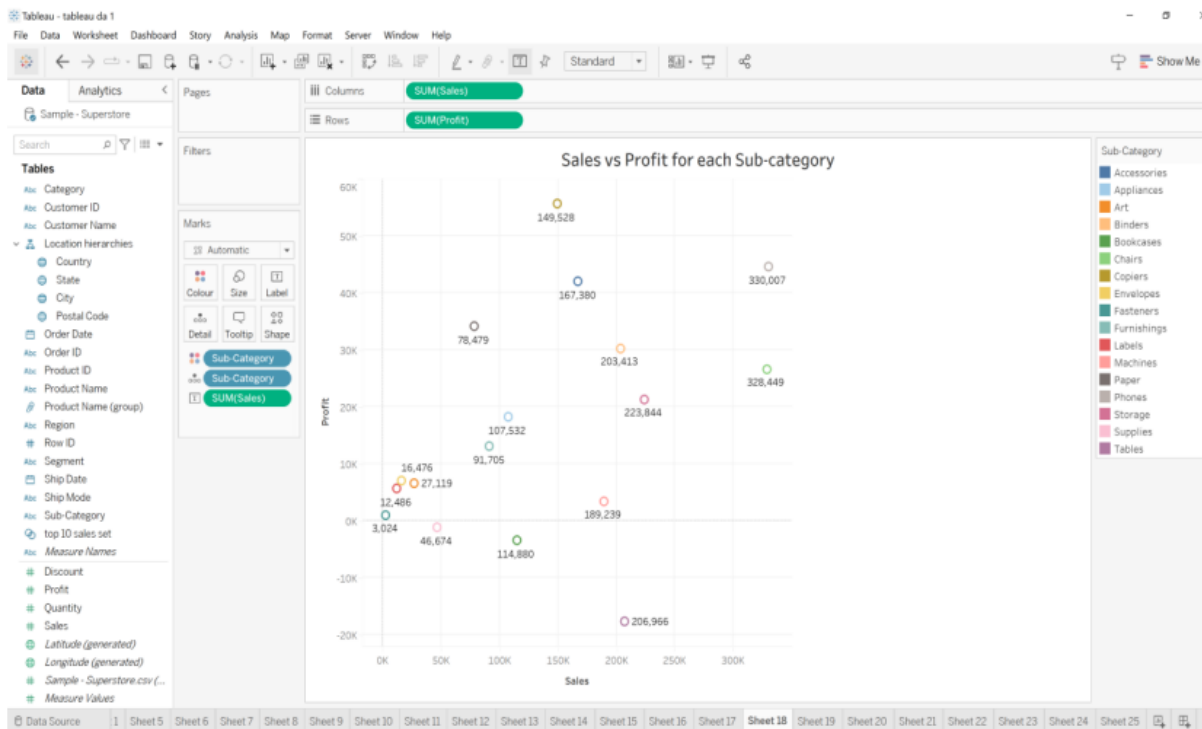
## 4. BUBBLE CHART



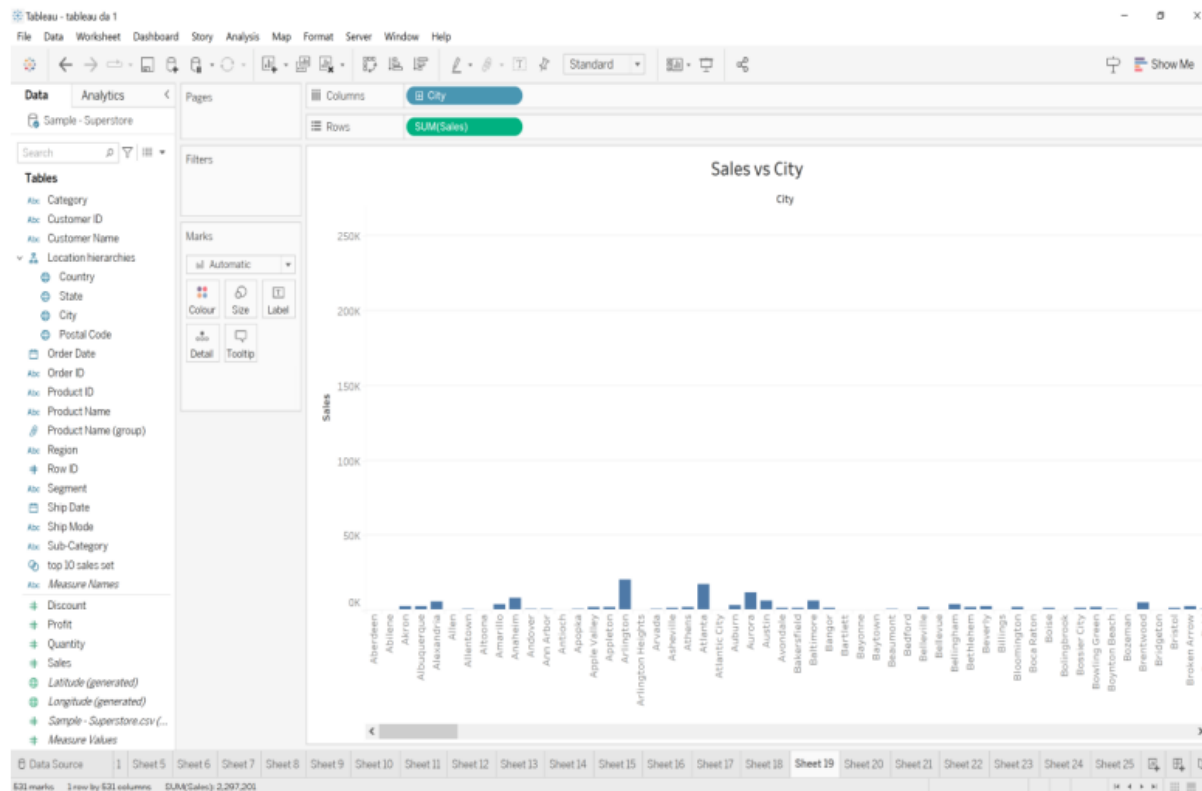
## 5. HORIZONTAL BARS



## 6. SCATTER PLOT



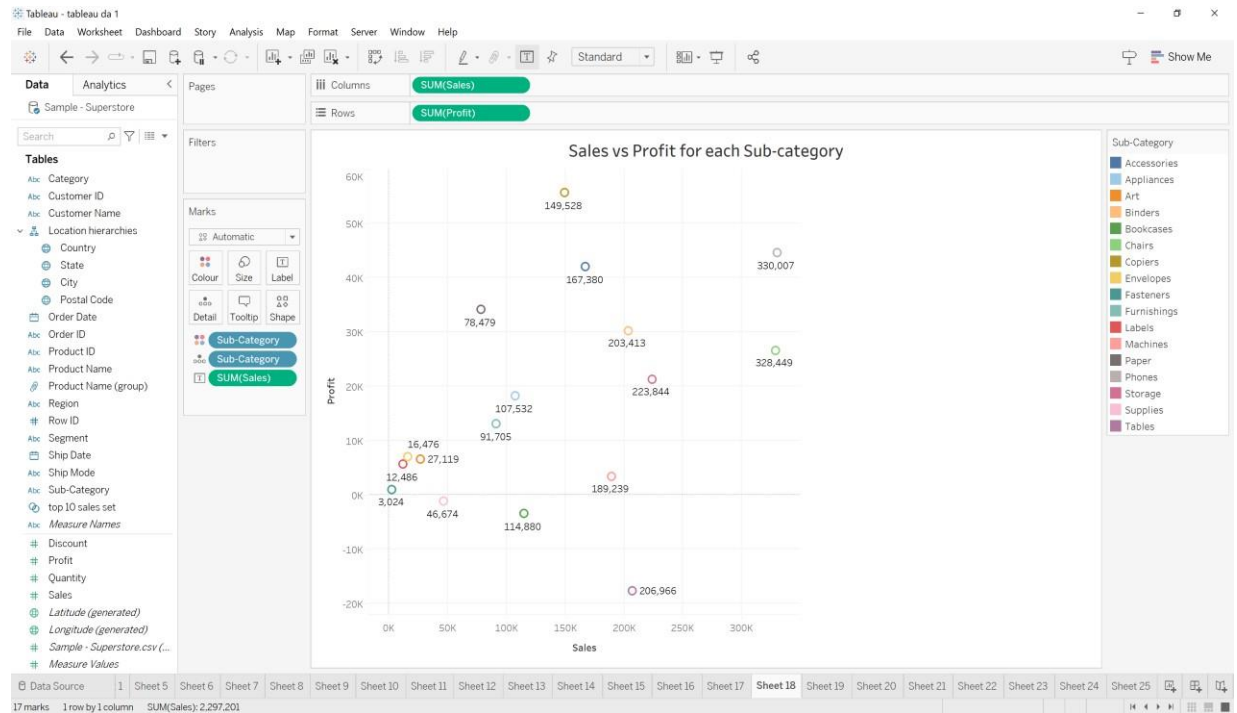
## 7. BAR CHART FOR DIFFERENT DIMENSIONS



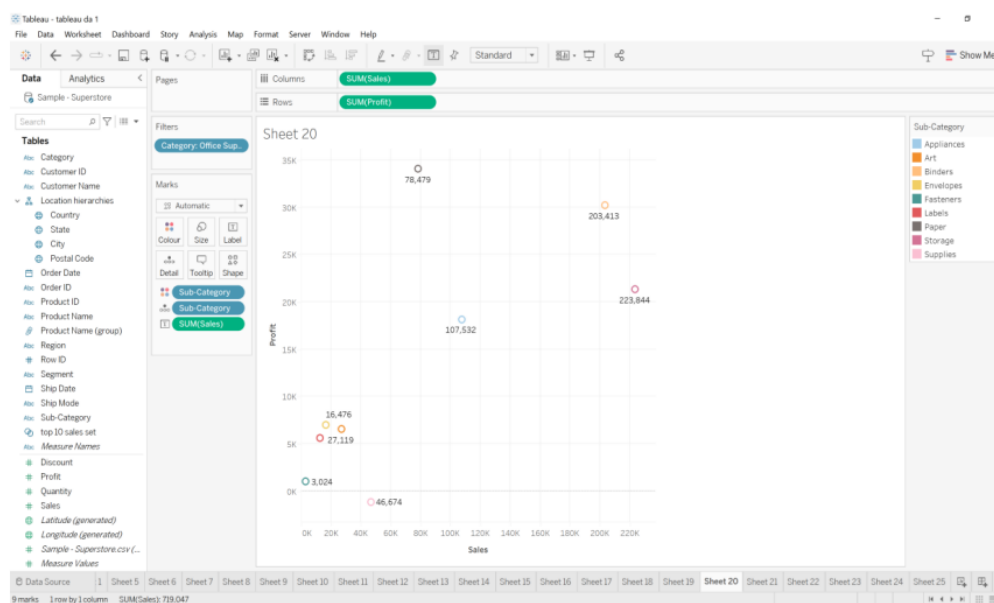
## 2) Apply dimension filter, context and measure filter on any of the three visualizations

### APPLYING DIMENSION FILTER:

We apply dimension filter on the Scatter plot

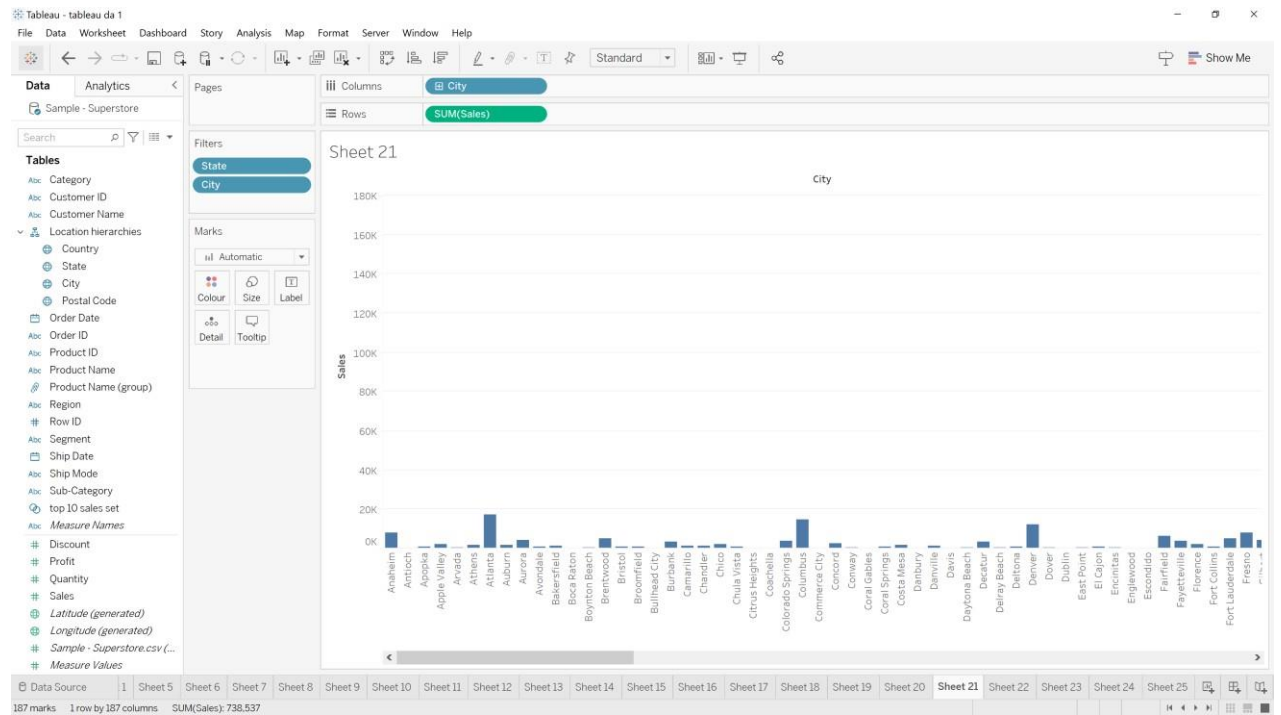


With filter:



# APPLYING CONTEXT FILTER:





We apply the filter on the Bar Chart



## APPLYING MEASURE FILTER:

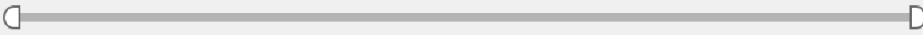
We apply a measure filter on a tree map which measures all the positive profits.

Filter [Profit] ×

 Range of values  At least  At most  Special

Range of values

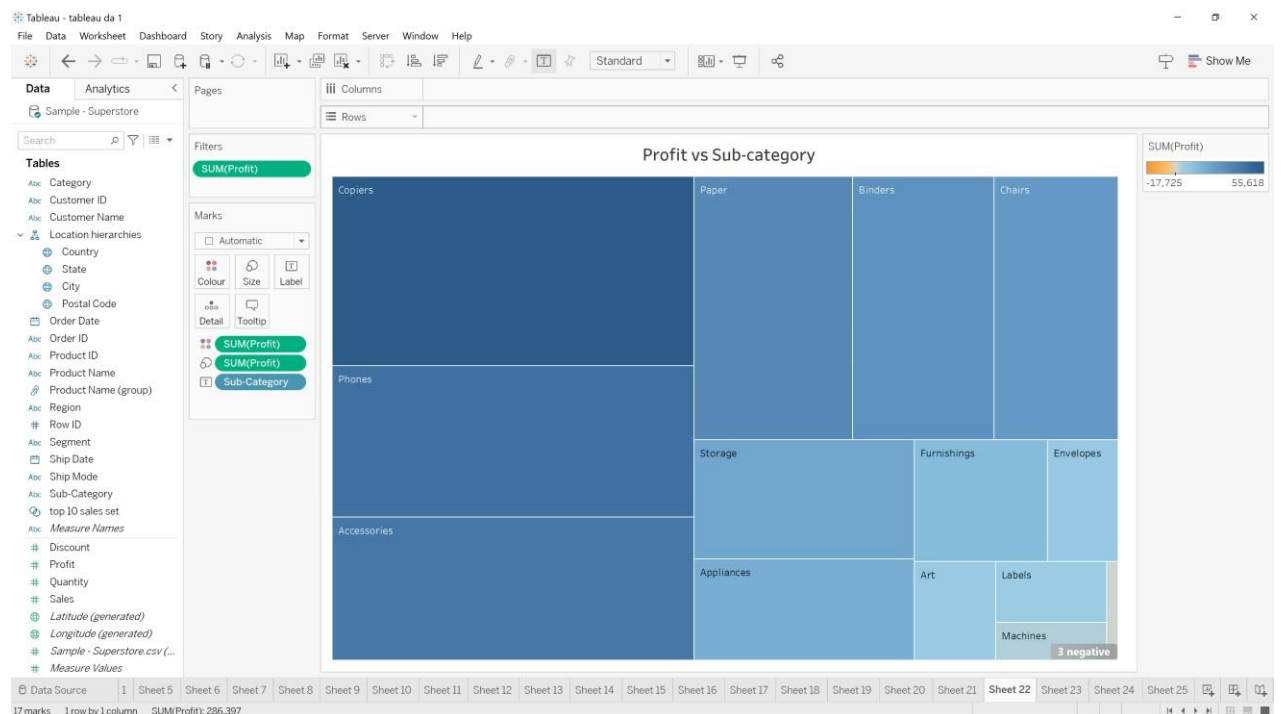
-17,725.4811 55,617.8249



-17,725.4811 55,617.8249

Show: Only Relevant Values ☐ Include Null Values

Reset OK Cancel Apply

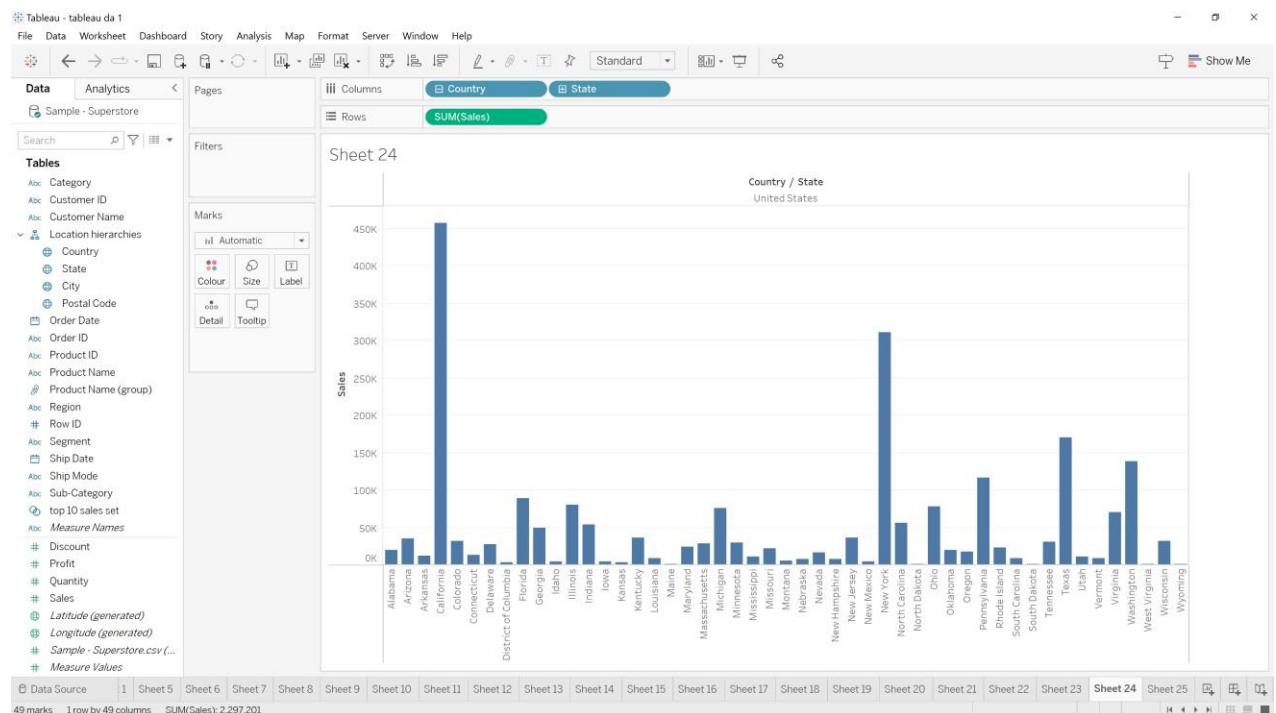
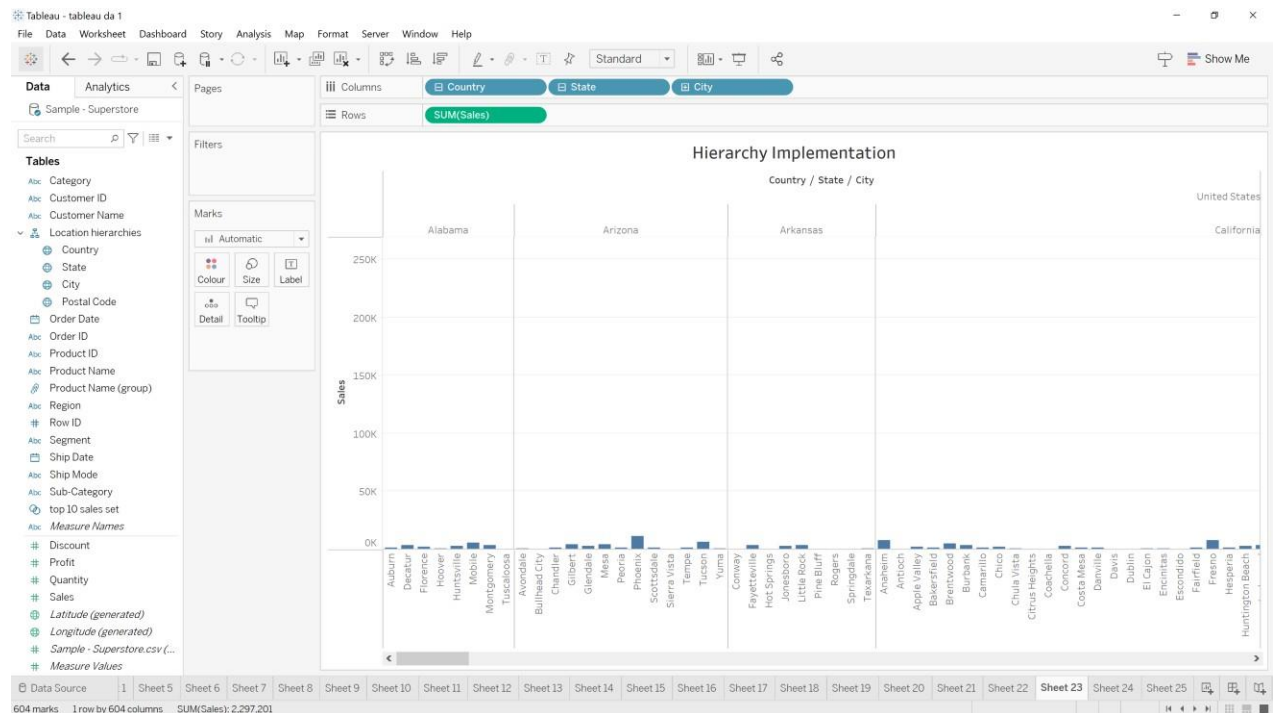


### 3) Perform the following data manipulations on your dataset

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

#### a. Create a Hierarchy

We Create a hierarchy of locations





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

