

**NAME: SRUTHI YAPALAPRVI**

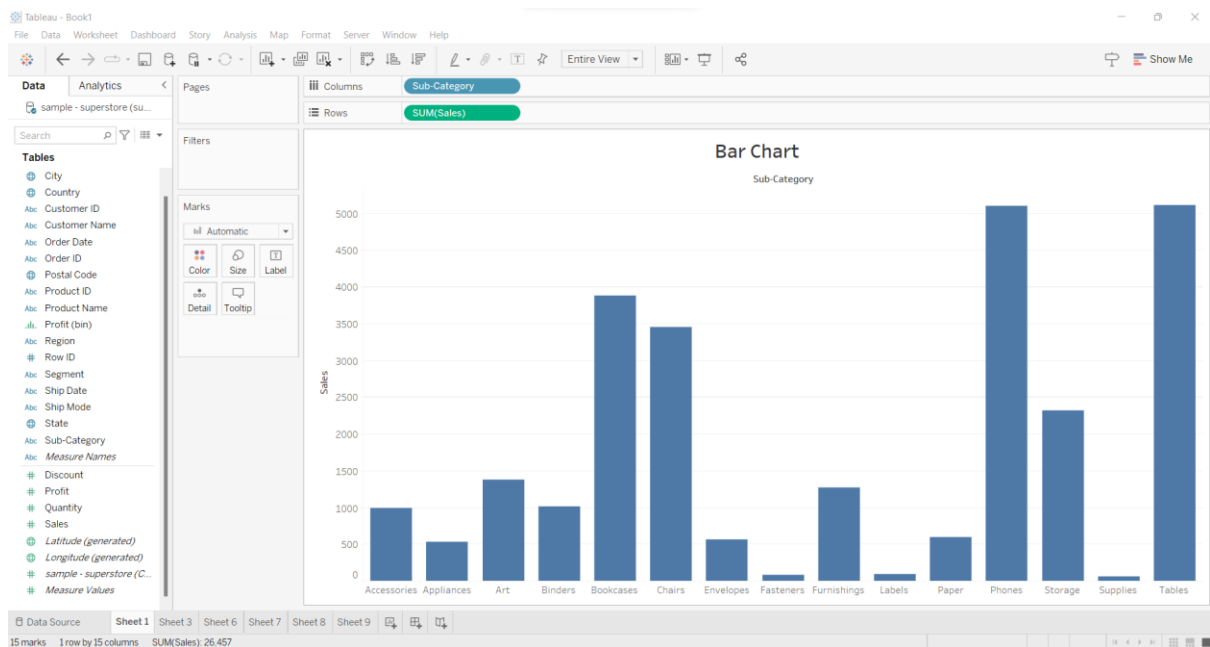
**REG NO :20MIS0269**

## **DATA ANALYTICS USING TABLEAU AND MYSQL**

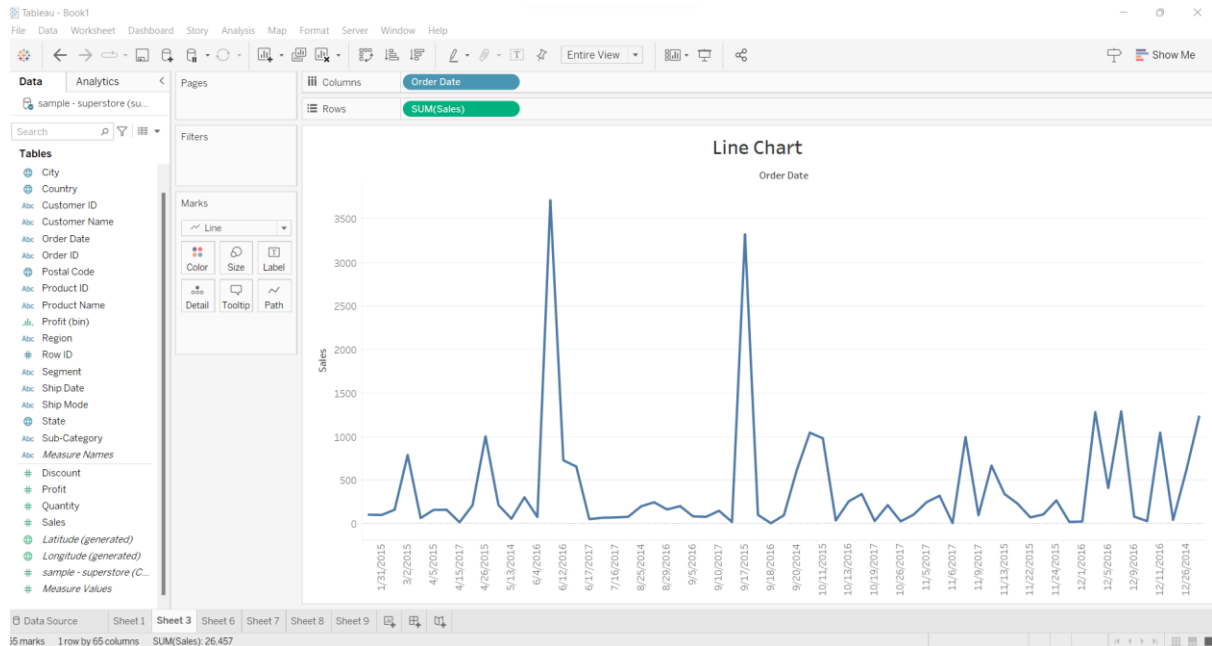
### **ASSIGNMENT 2**

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

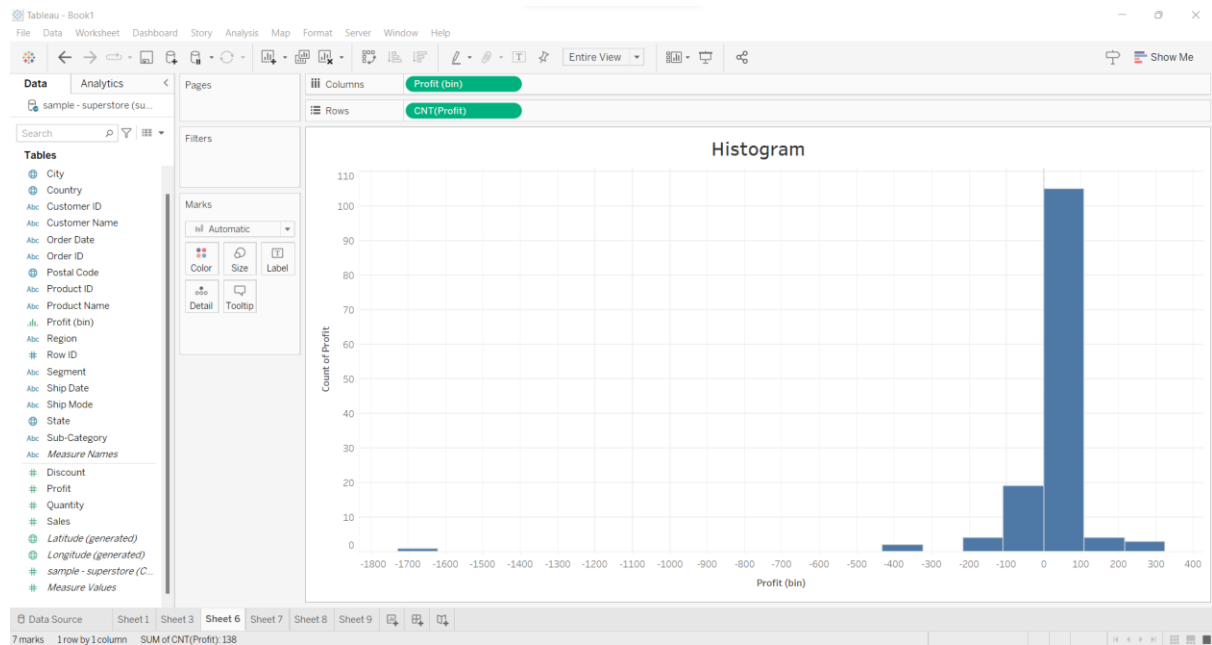
### **1. BAR CHART**



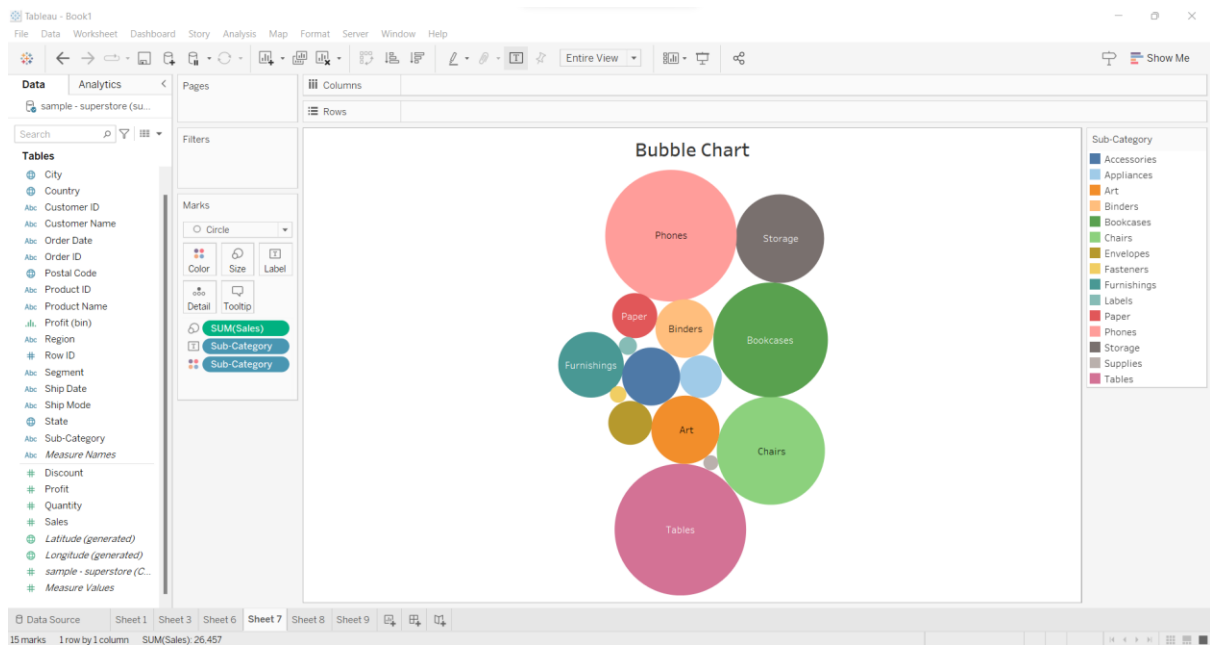
## 2. LINE CHART



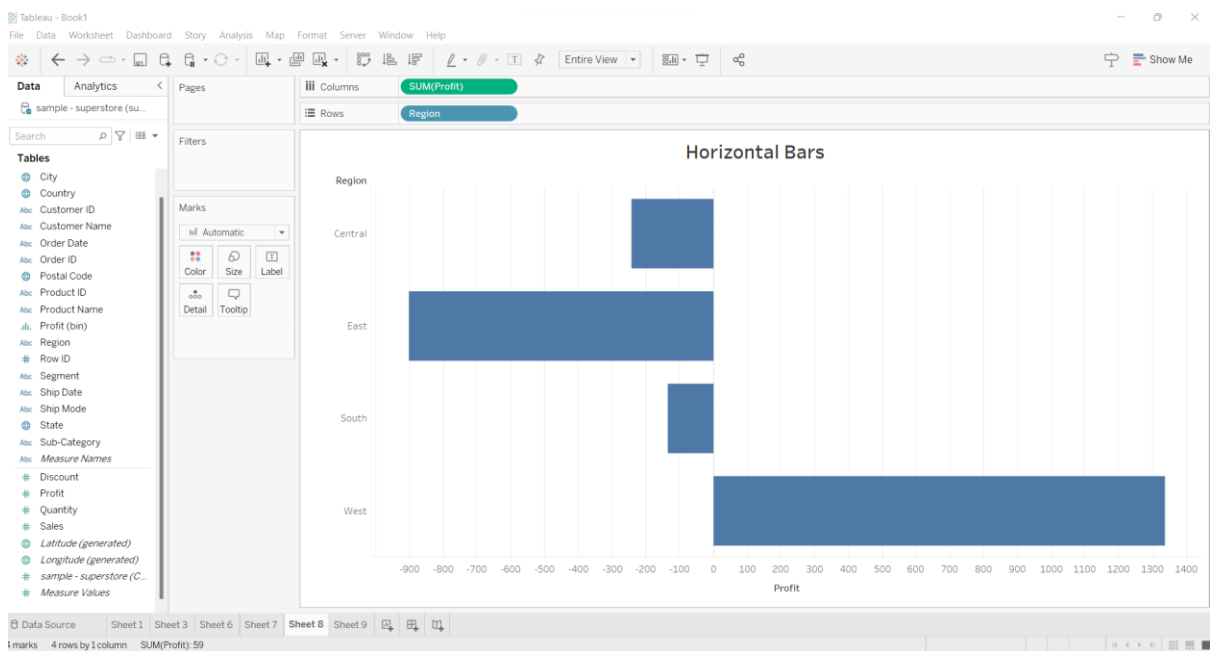
## 3. HISTOGRAM



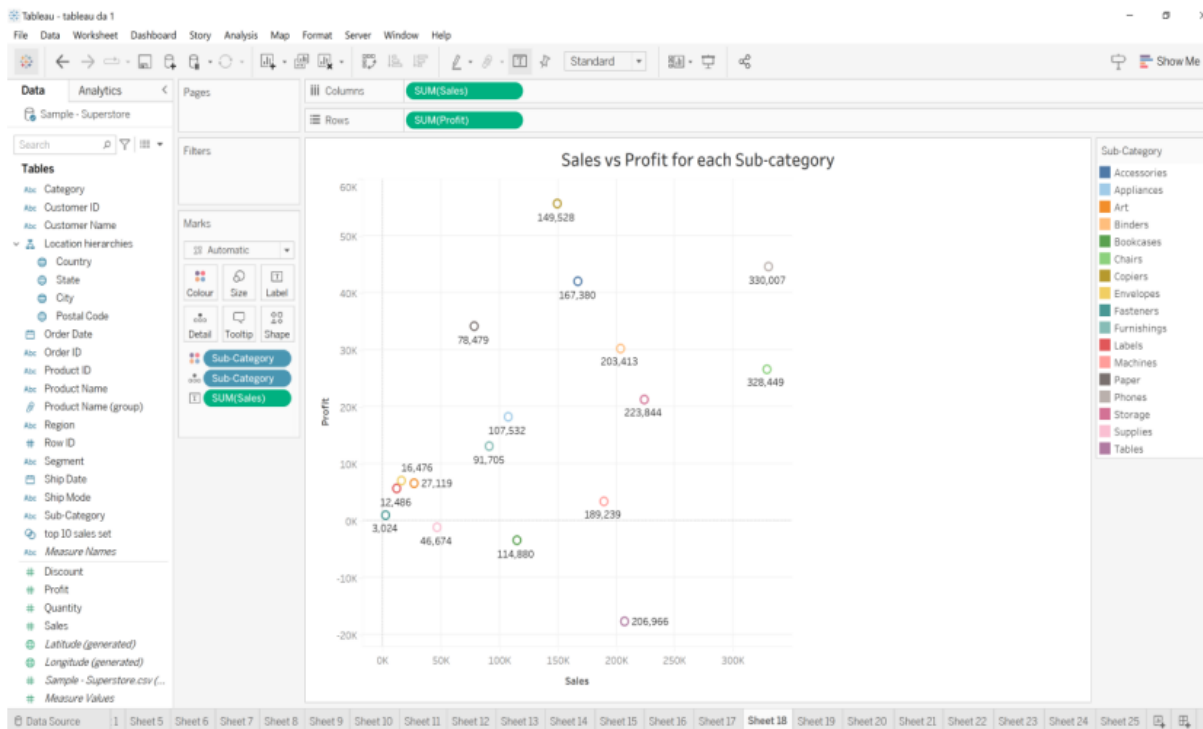
## 4. BUBBLE CHART



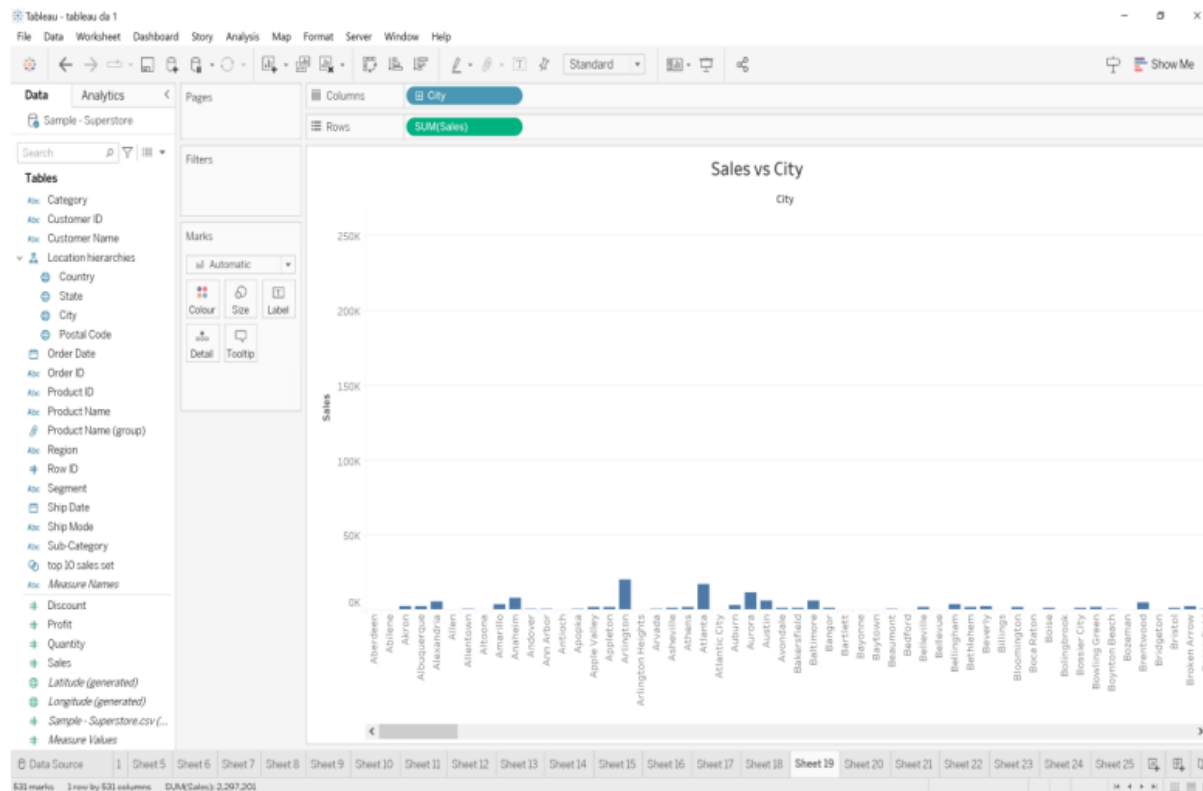
## 5. HORIZONTAL BARS



## 6. SCATTER PLOT



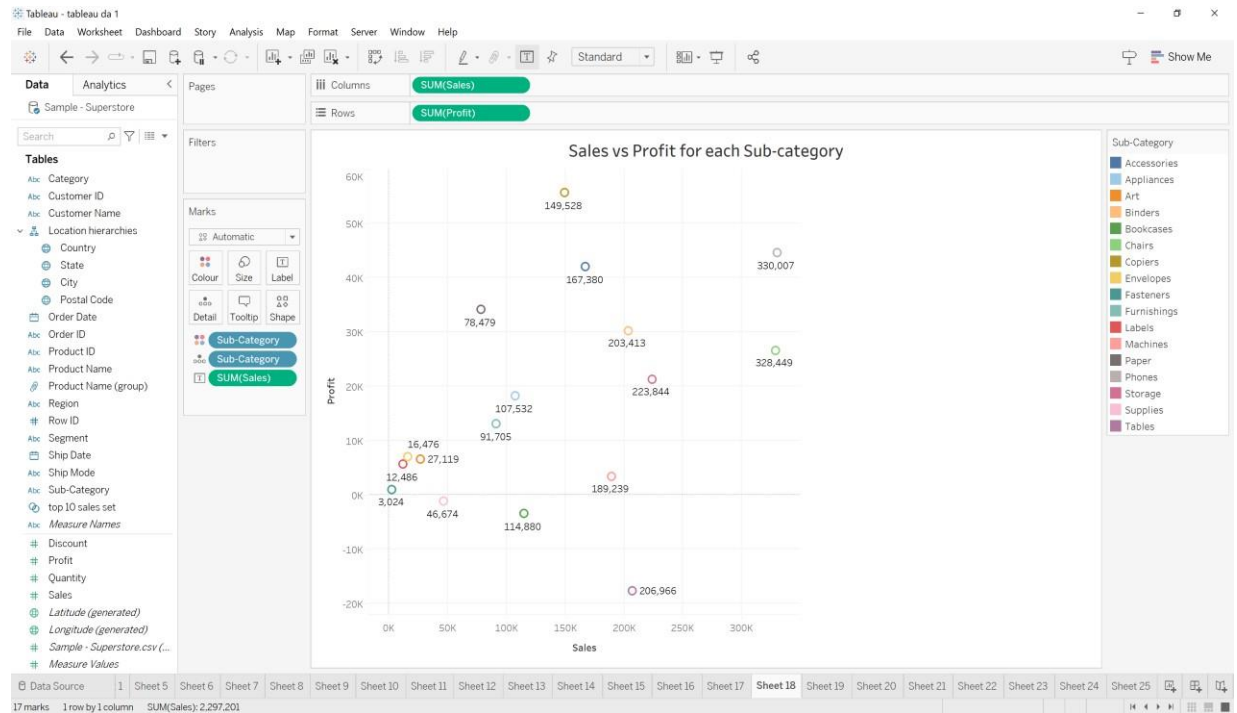
## 7. BAR CHART FOR DIFFERENT DIMENSIONS



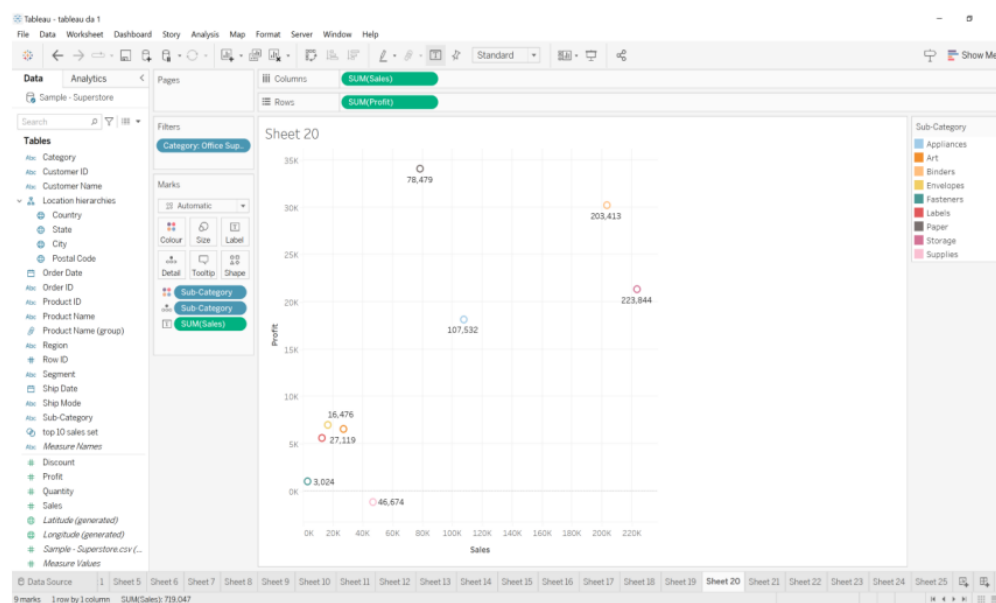
## 2) Apply dimension filter, context and measure filter on any of the three visualizations

### APPLYING DIMENSION FILTER:

We apply dimension filter on the Scatter plot

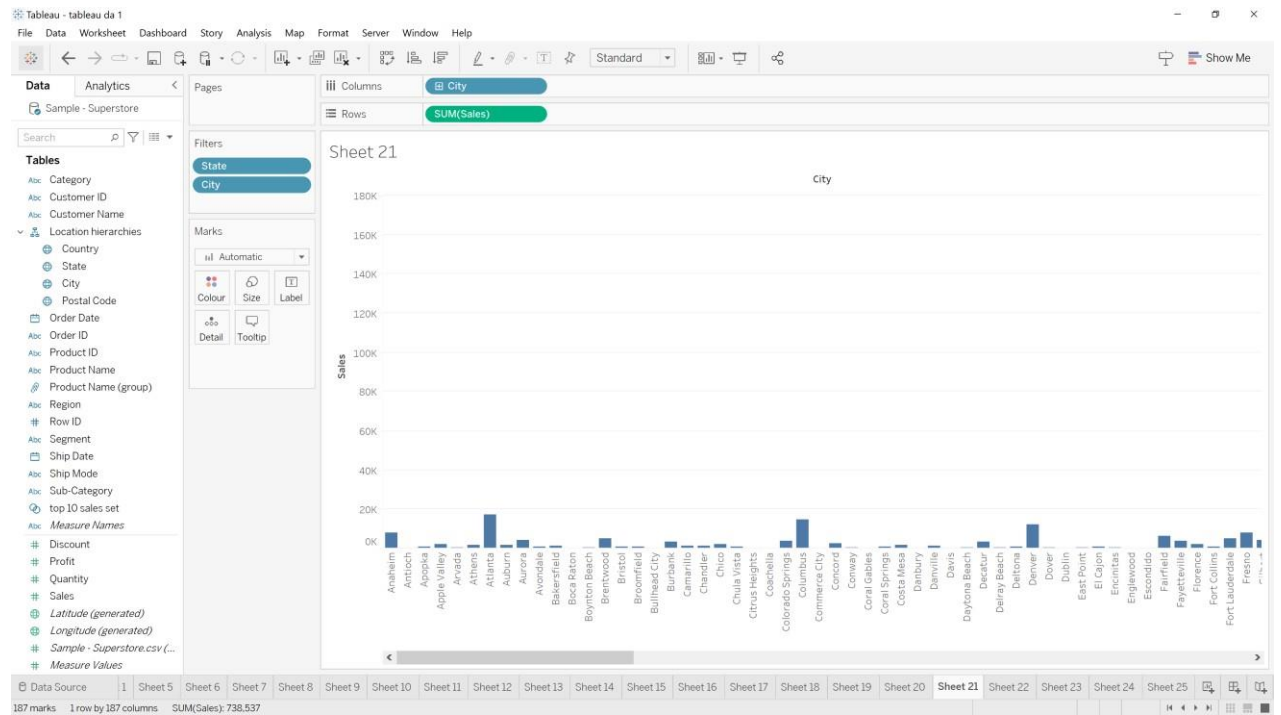


With filter:



# 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.

Filter [Profit] ×

**Range of values**   **At least**   **At most**   **Special**

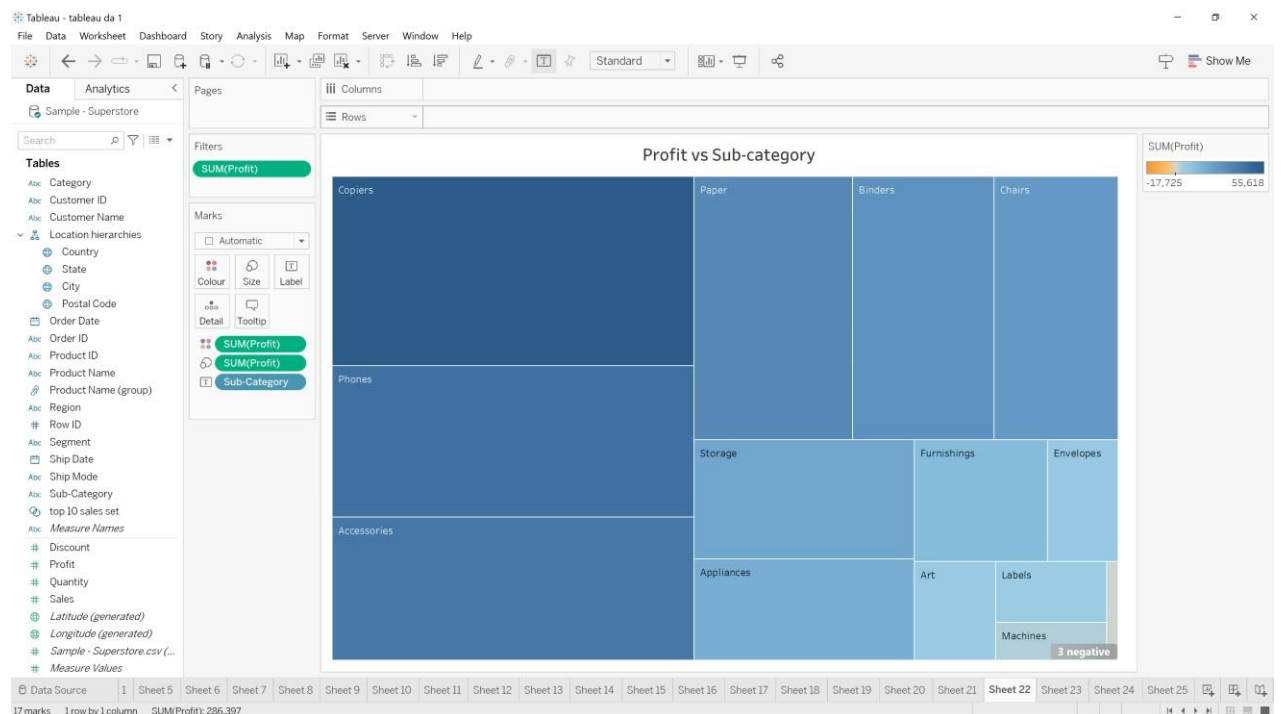
Range of values

-17,725.4811   55,617.8249

-17,725.4811   55,617.8249

Show: **Only Relevant Values** ☐ Include Null Values

**Reset**   **OK**   **Cancel**   **Apply**

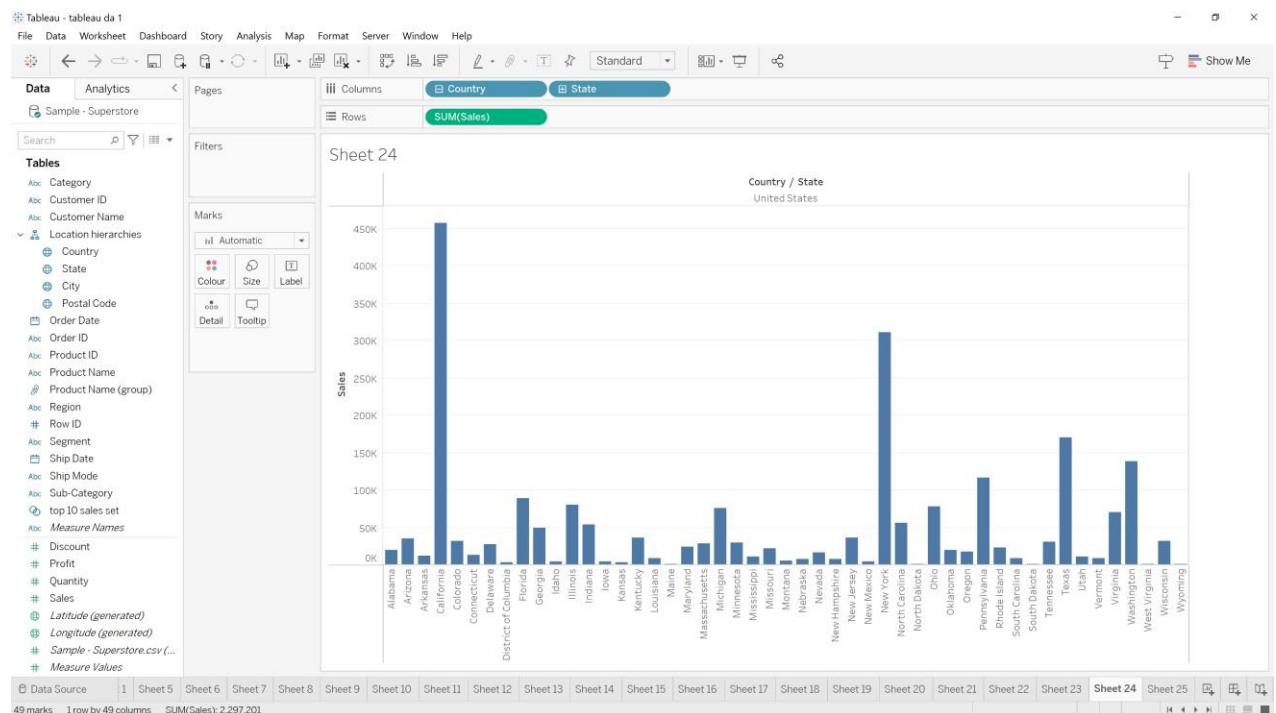
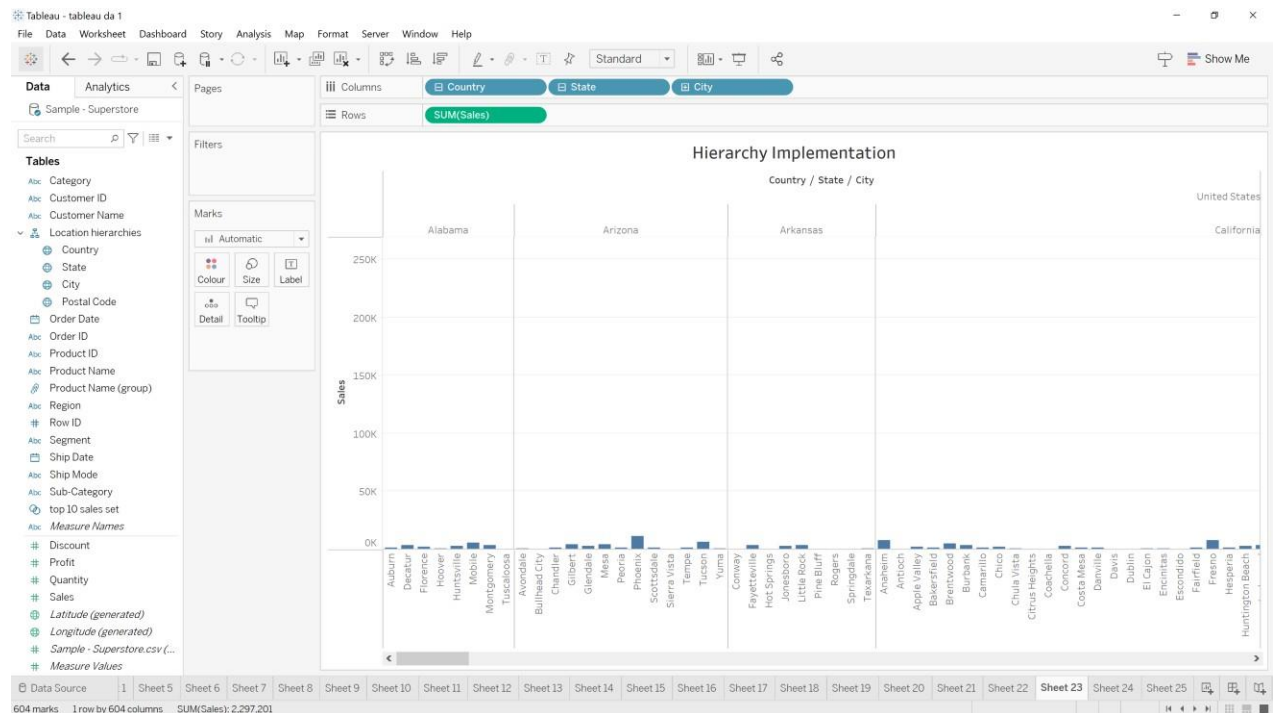


### 3) Perform the following data manipulations on your dataset

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

#### a. Create a Hierarchy

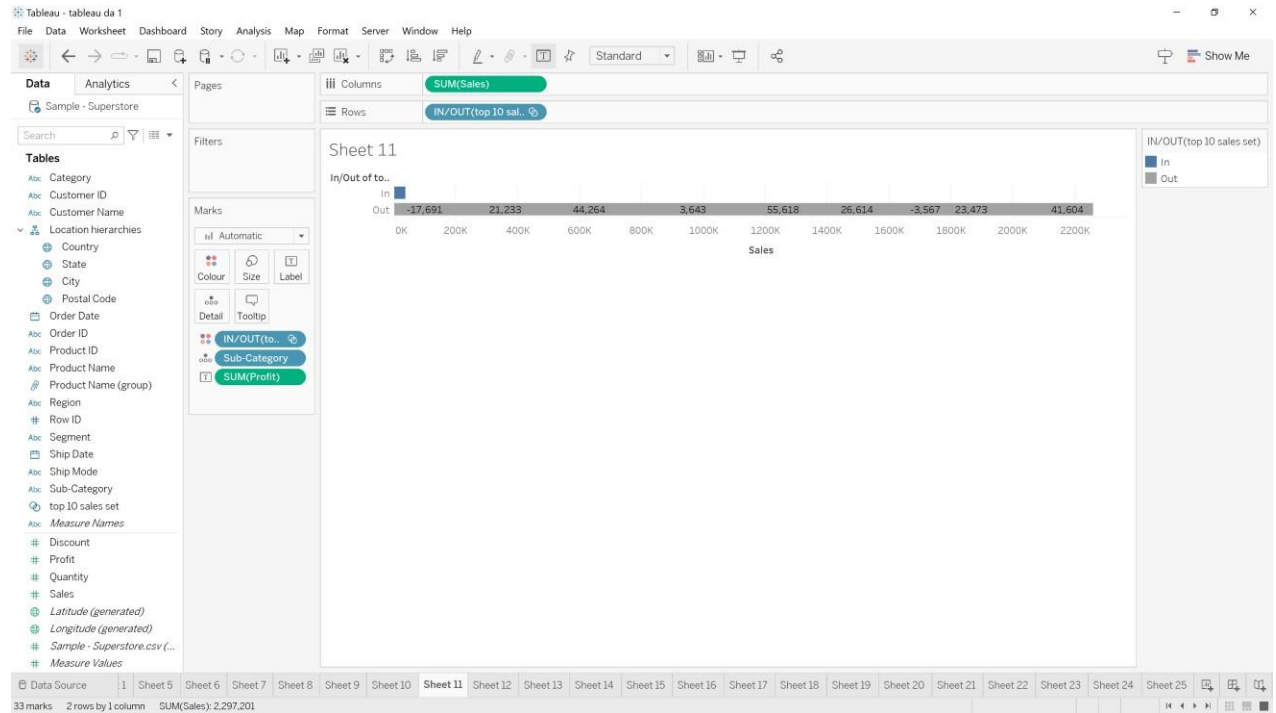
We Create a hierarchy of locations





## b. Create a set:

We create a set with only the top 10 profits



## c. Create a group:

