

NAME: B SAI SREYA

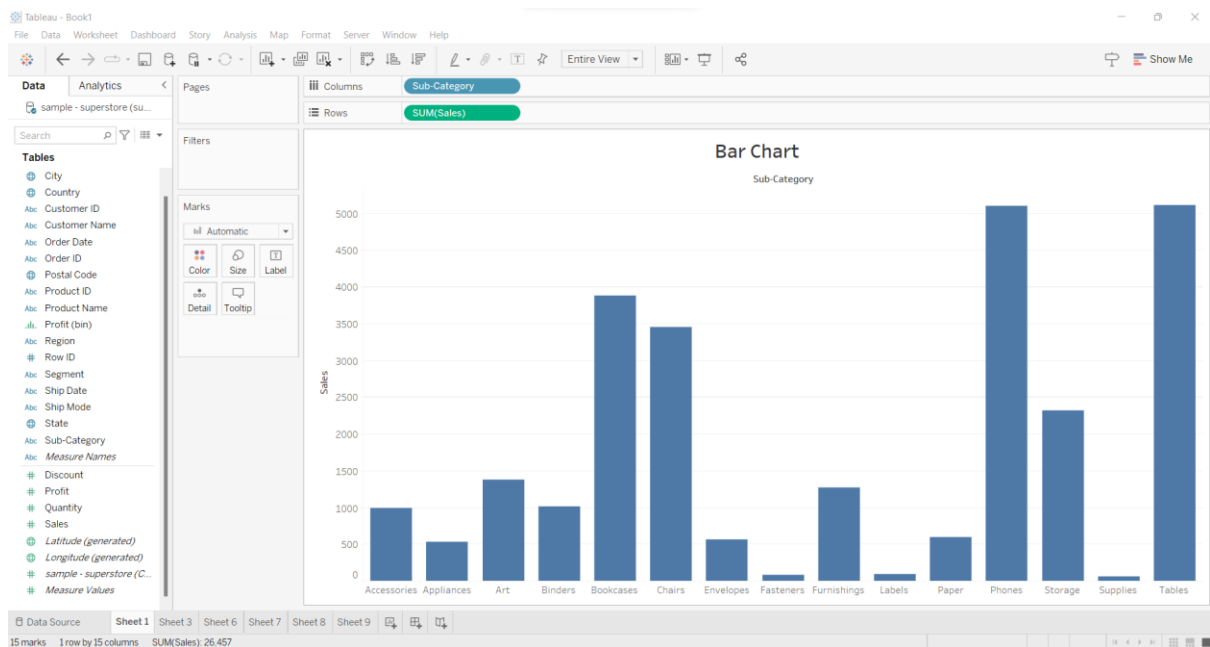
REG NO :20MIS0287

DATA ANALYTICS USING TABLEAU AND MYSQL

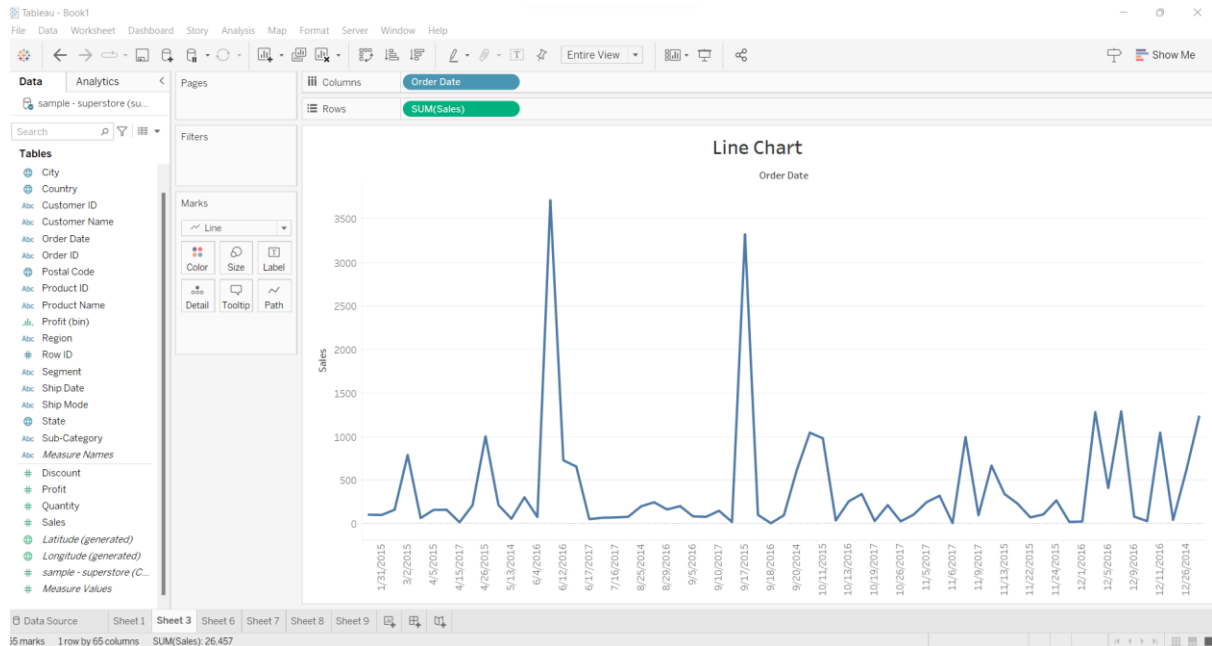
ASSIGNMENT 2

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

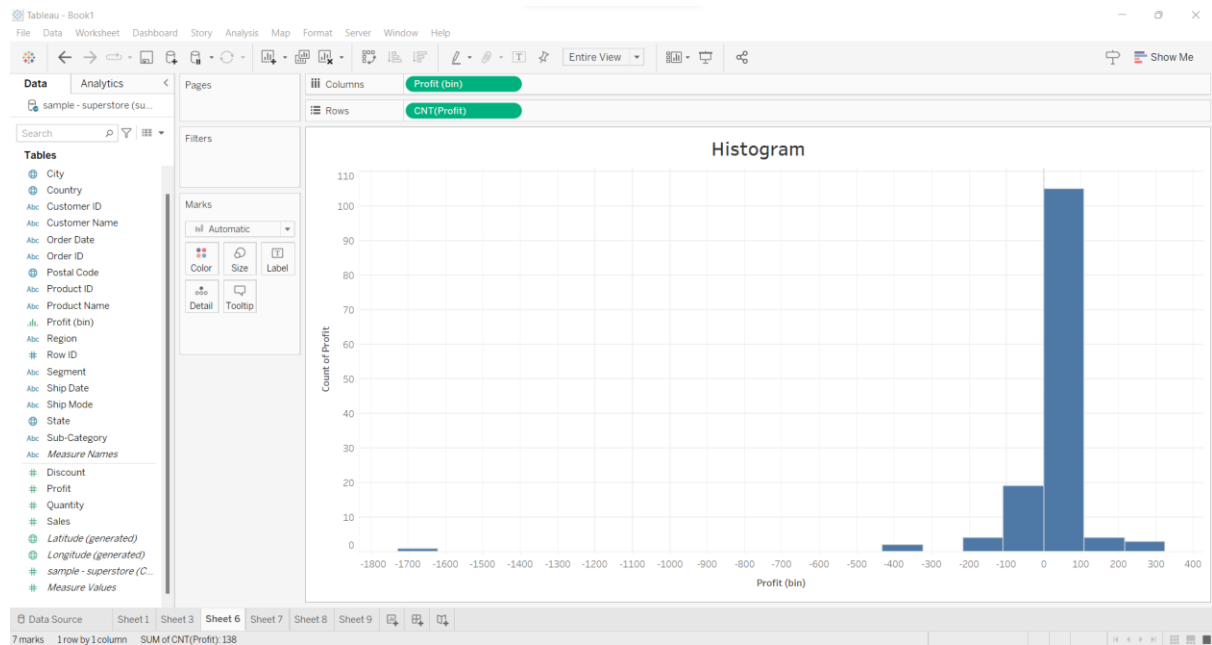
1. BAR CHART



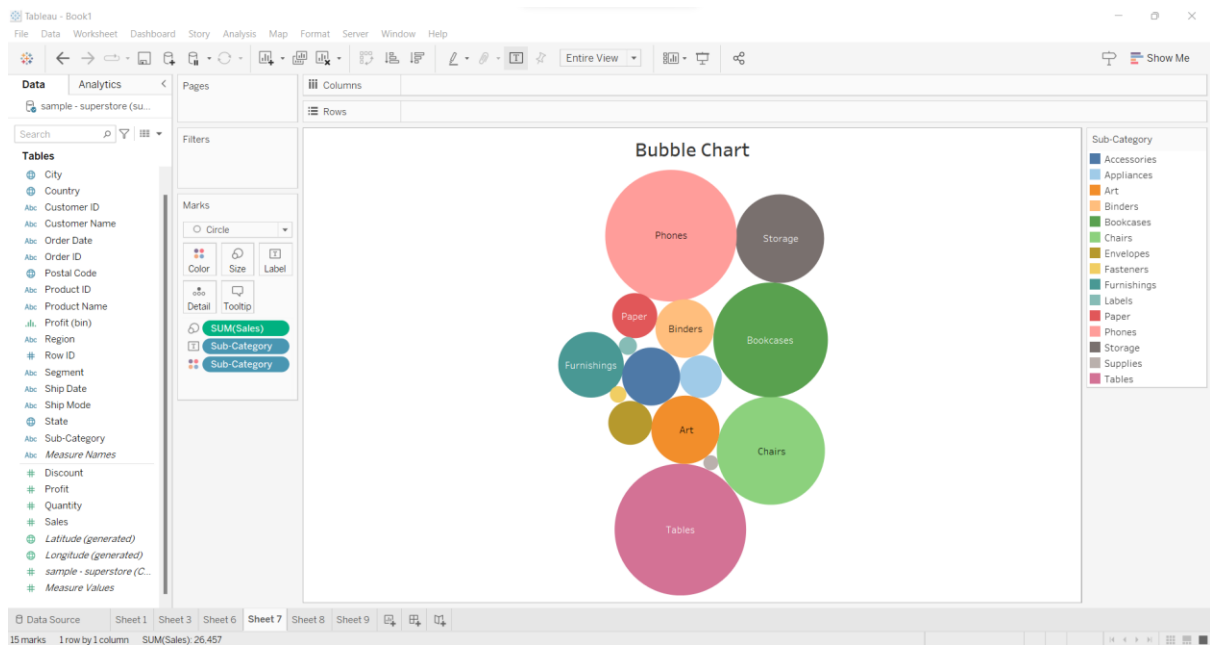
2. LINE CHART



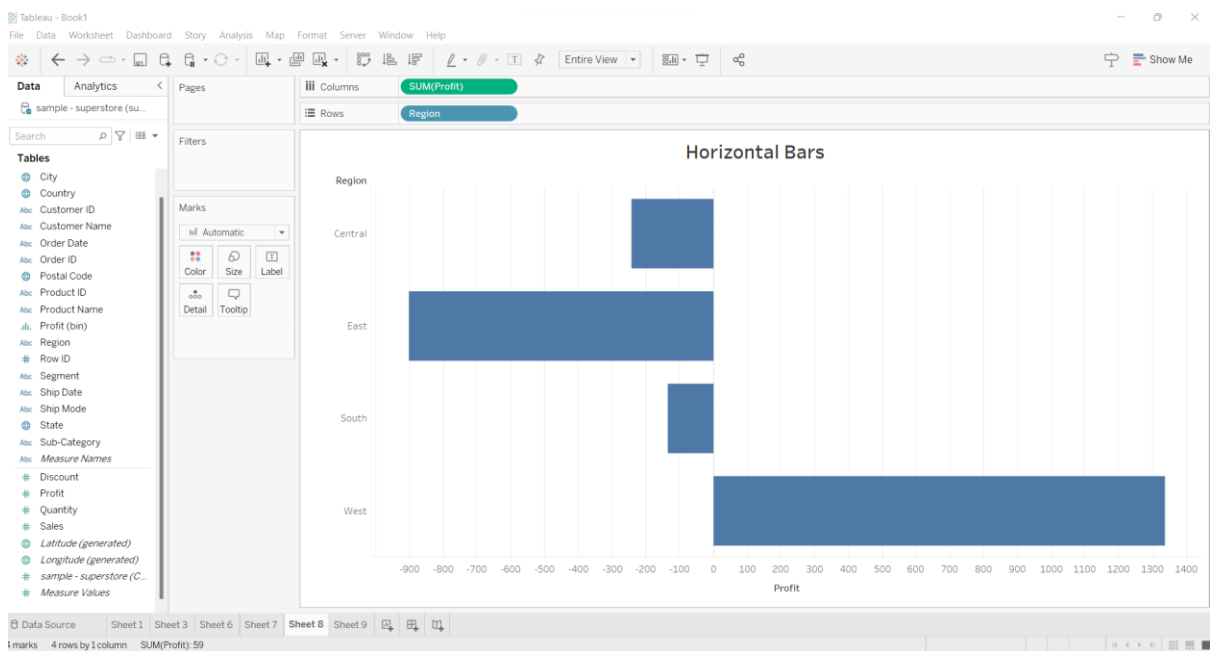
3. HISTOGRAM



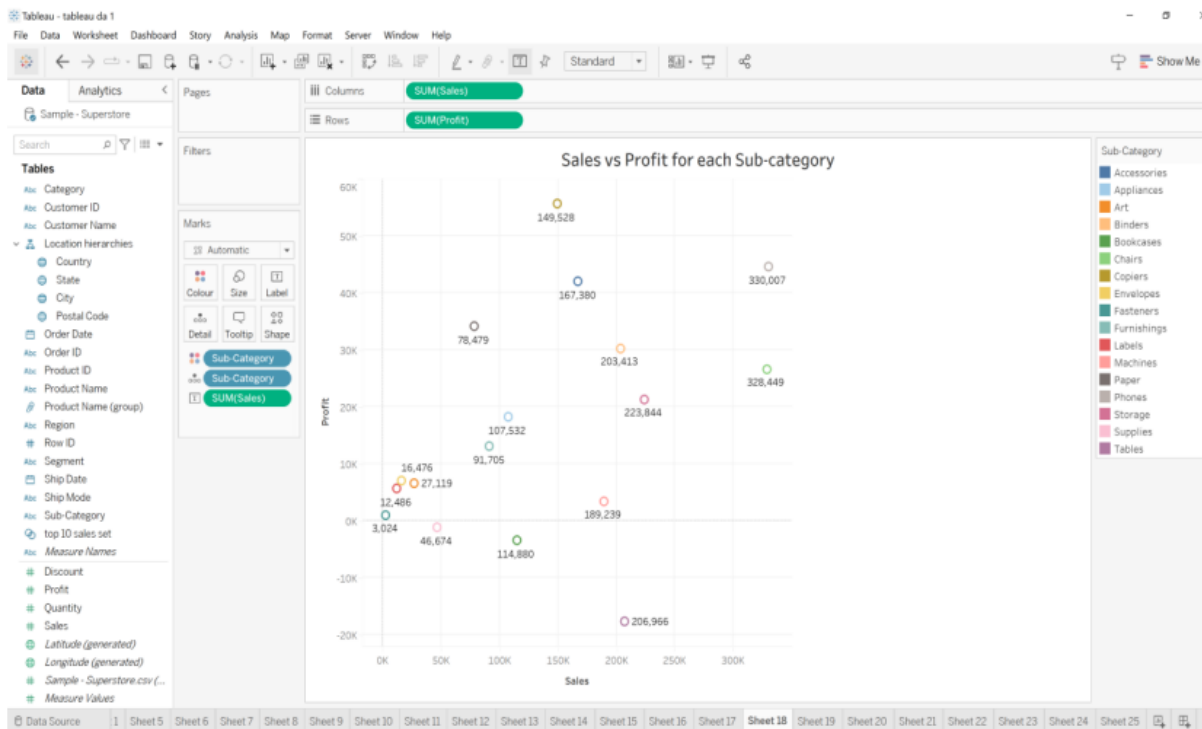
4. BUBBLE CHART



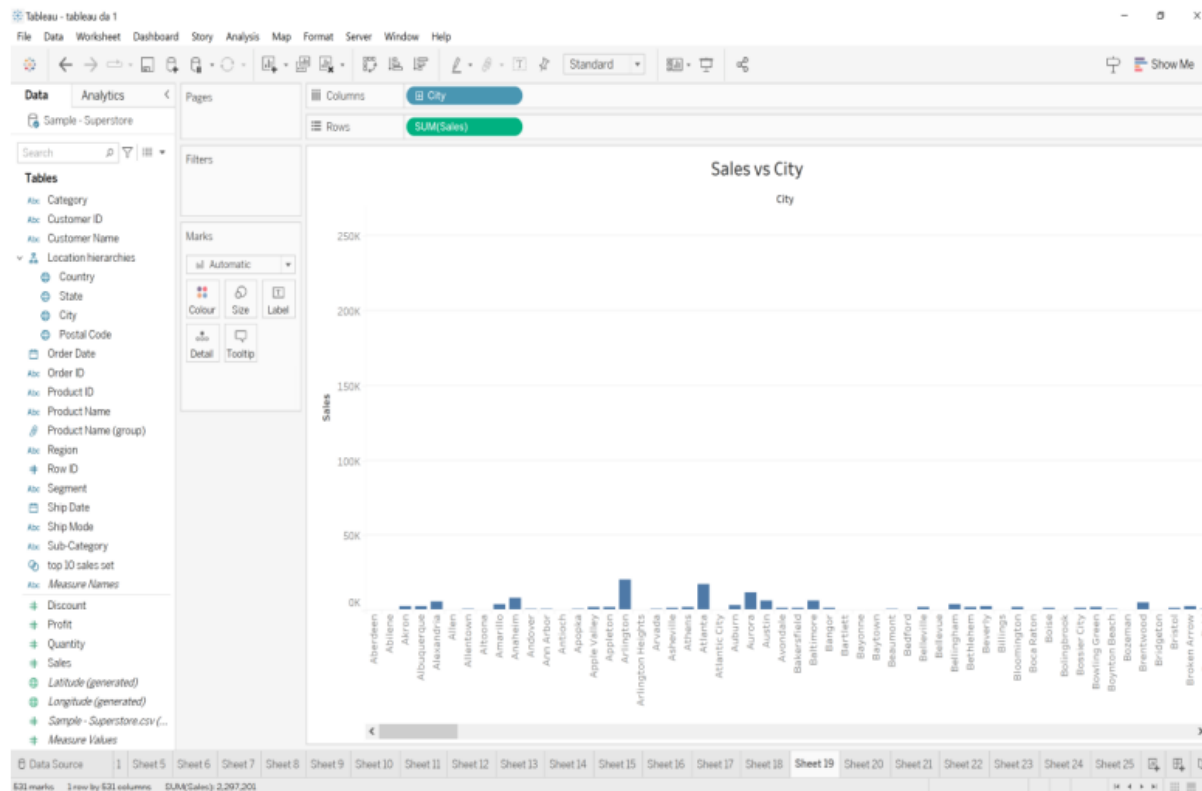
5. HORIZONTAL BARS



6. SCATTER PLOT



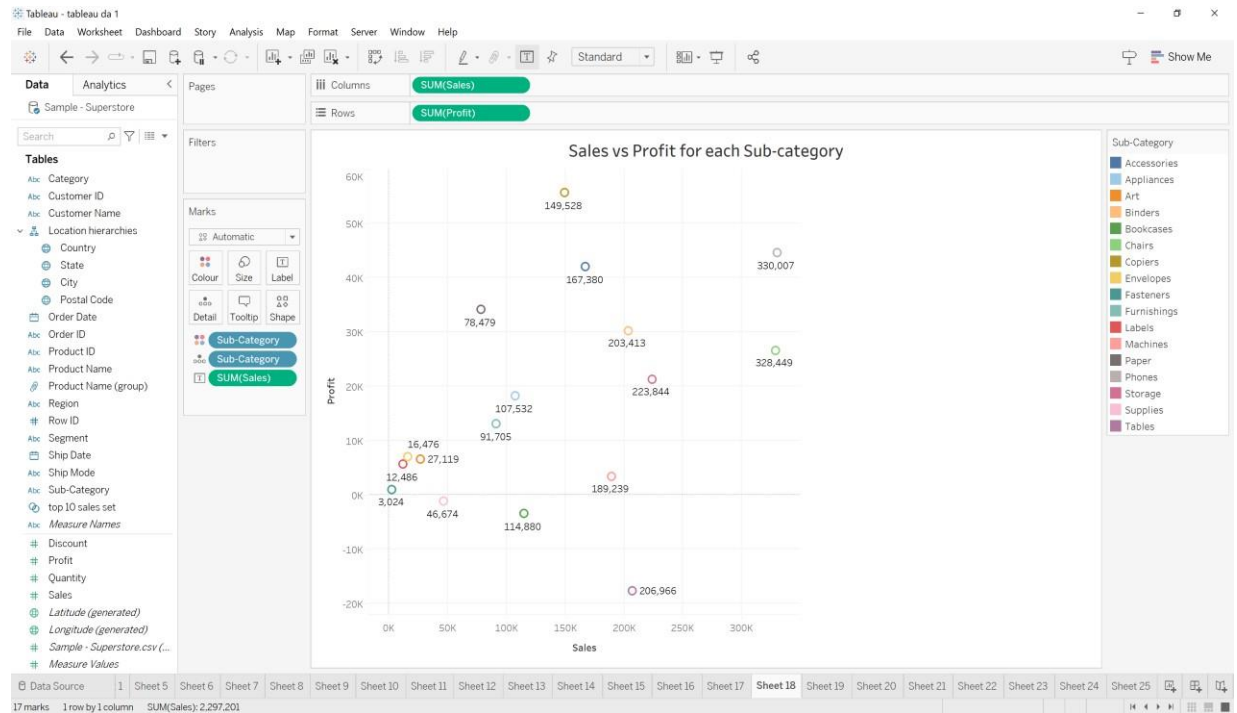
7. BAR CHART FOR DIFFERENT DIMENSIONS



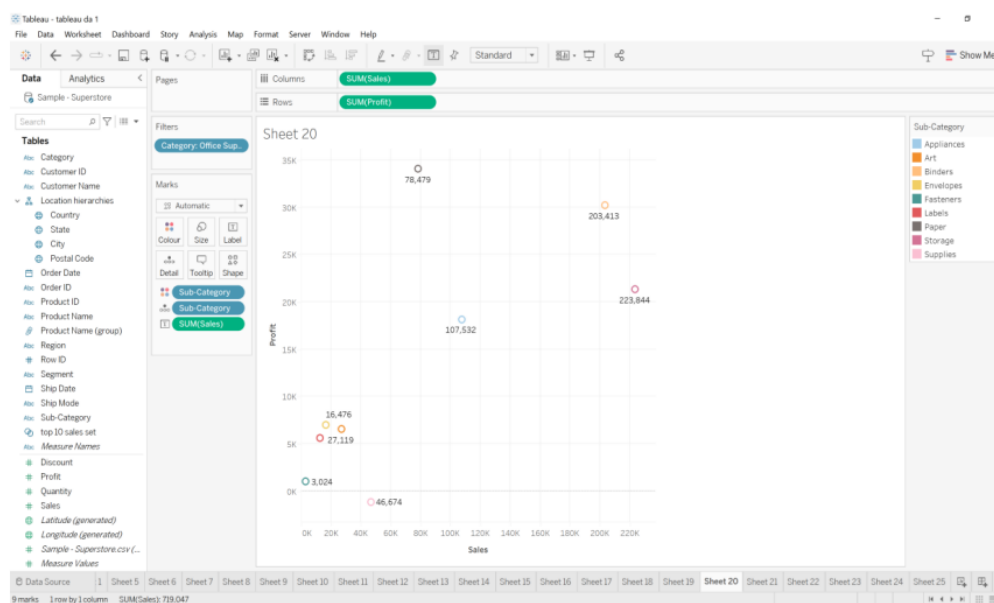
2) Apply dimension filter, context and measure filter on any of the three visualizations

APPLYING DIMENSION FILTER:

We apply dimension filter on the Scatter plot

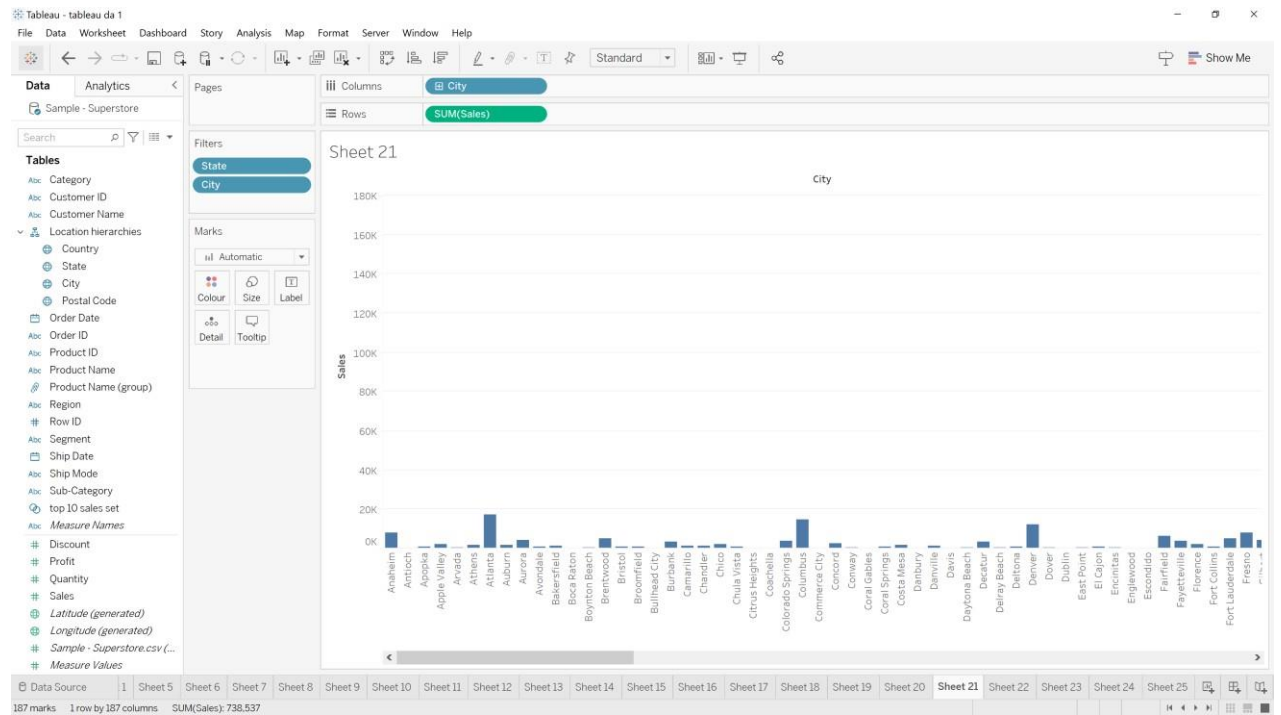


With filter:



APPLYING CONTEXT FILTER:





We apply the filter on the Bar Chart



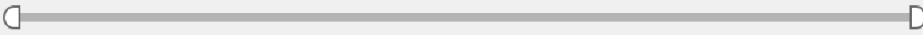
APPLYING MEASURE FILTER:

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**

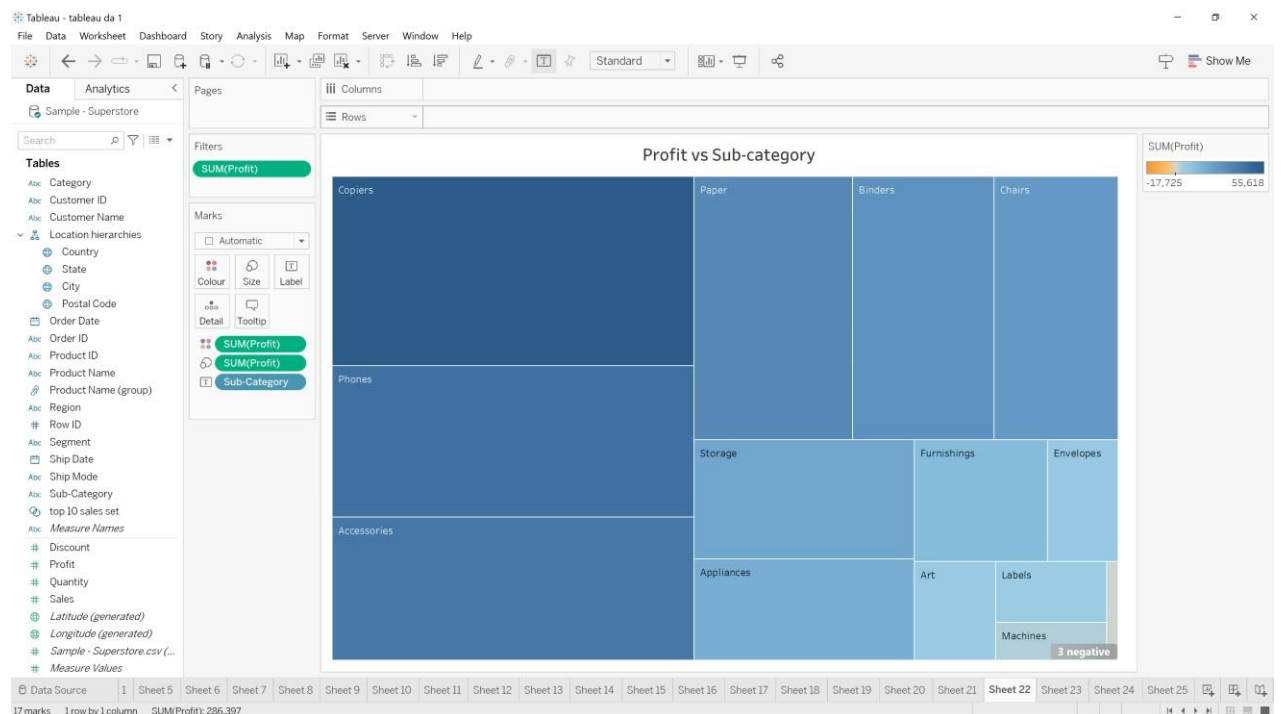
Range of values



-17,725.4811 55,617.8249

Show: Only Relevant Values ☐ Include Null Values

Reset OK Cancel Apply

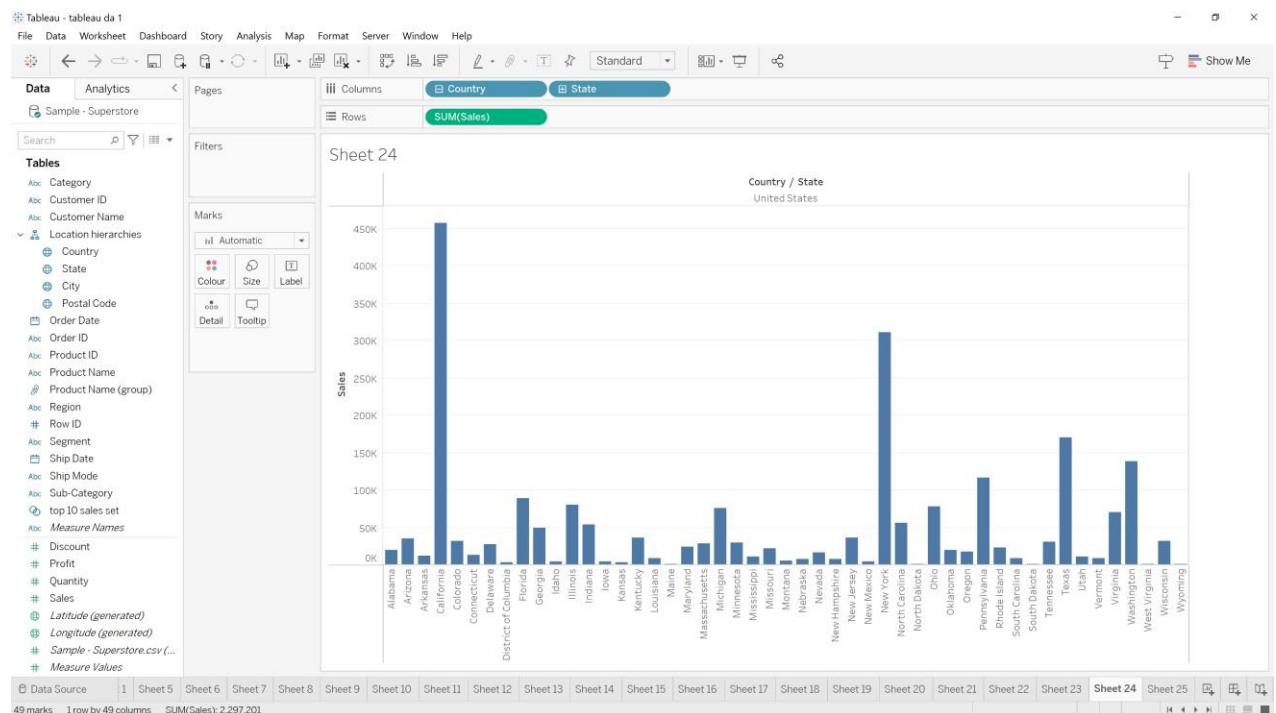
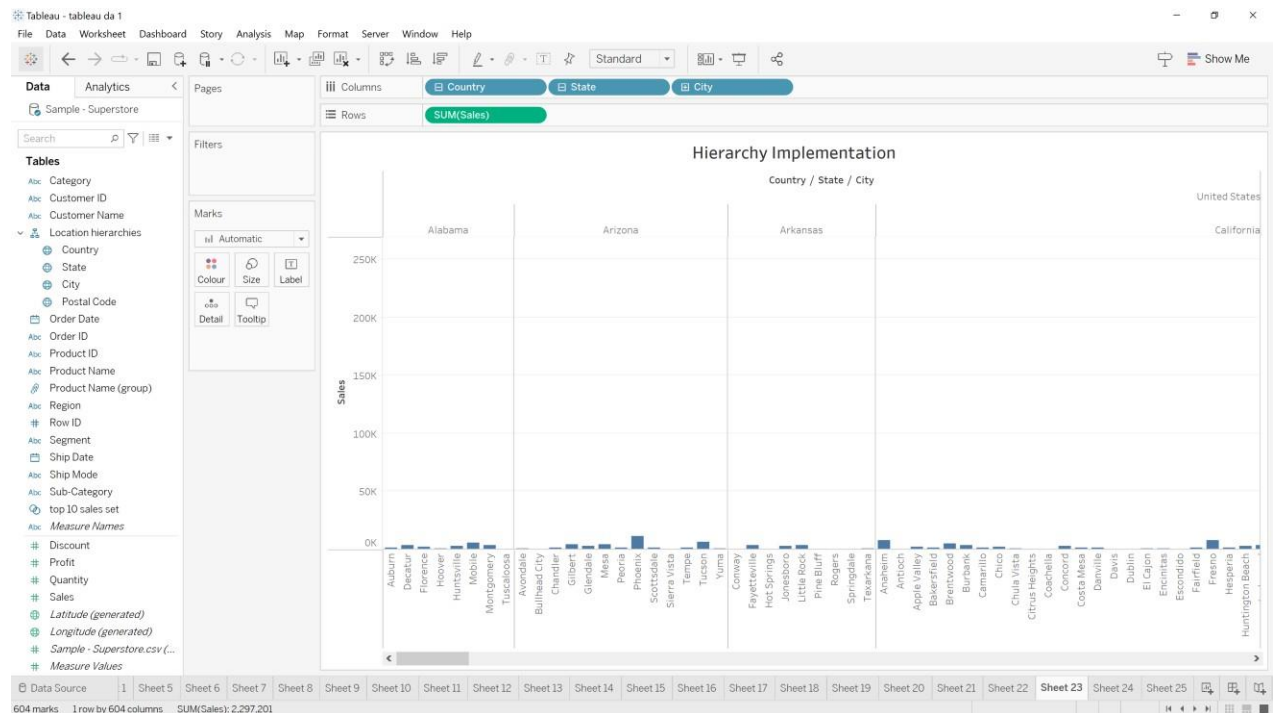


3) Perform the following data manipulations on your dataset

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

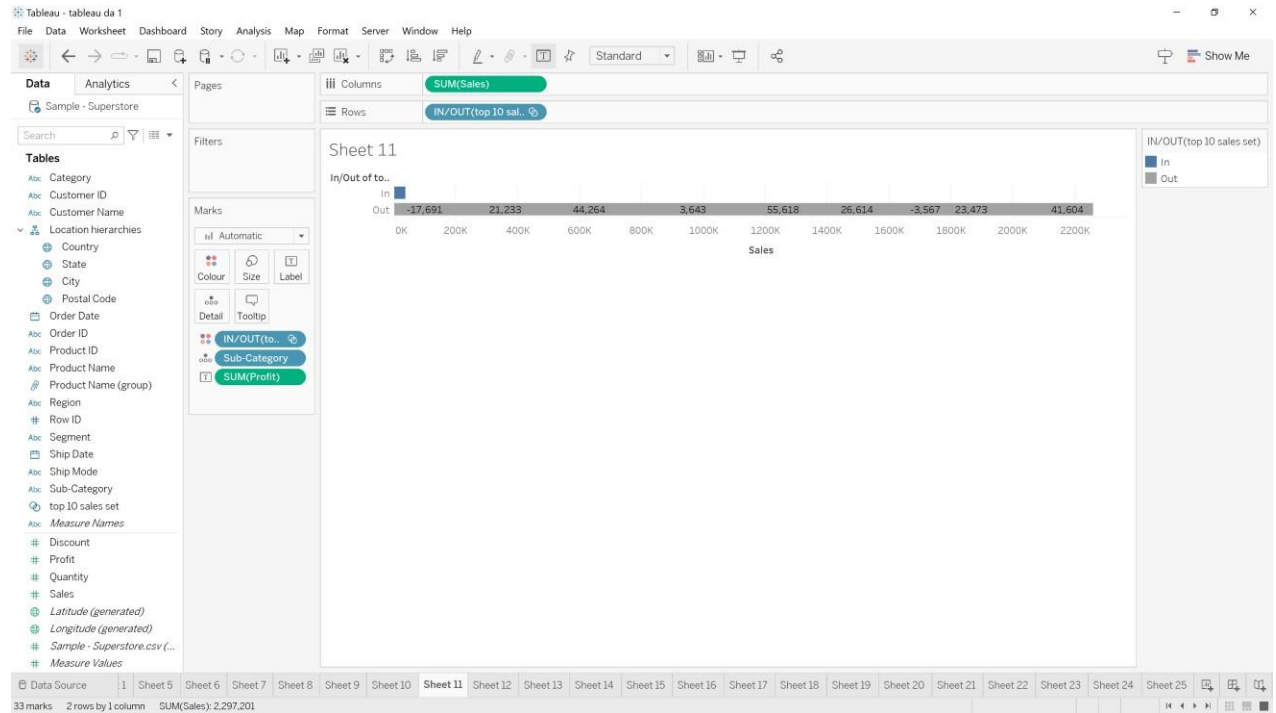
a. Create a Hierarchy

We Create a hierarchy of locations



b. Create a set:

We create a set with only the top 10 profits



c. Create a group:

