

# Assignment 2

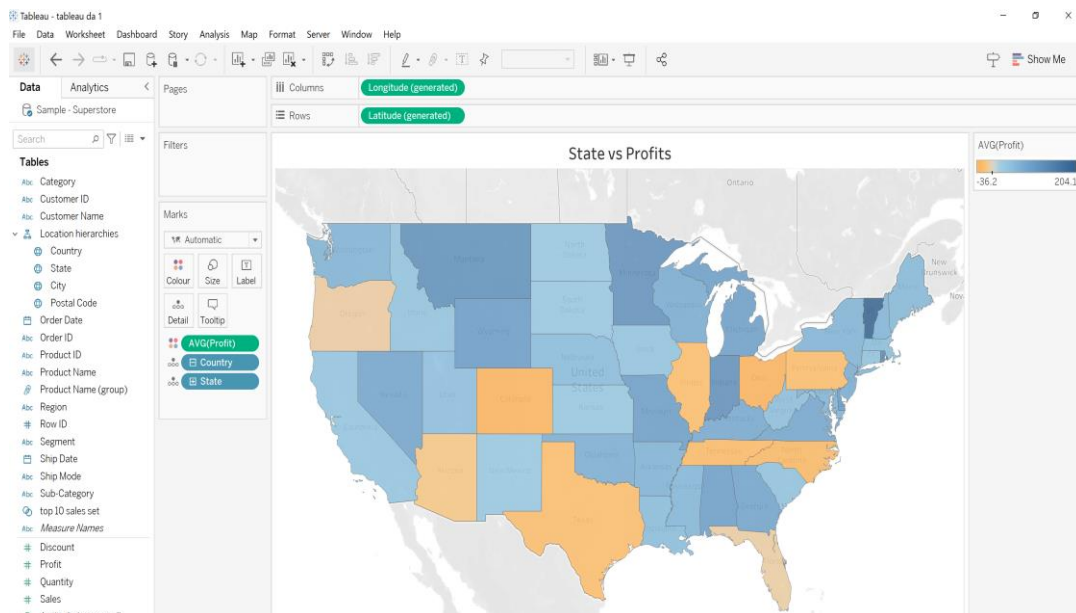
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**RegNo: 20MIS0296**

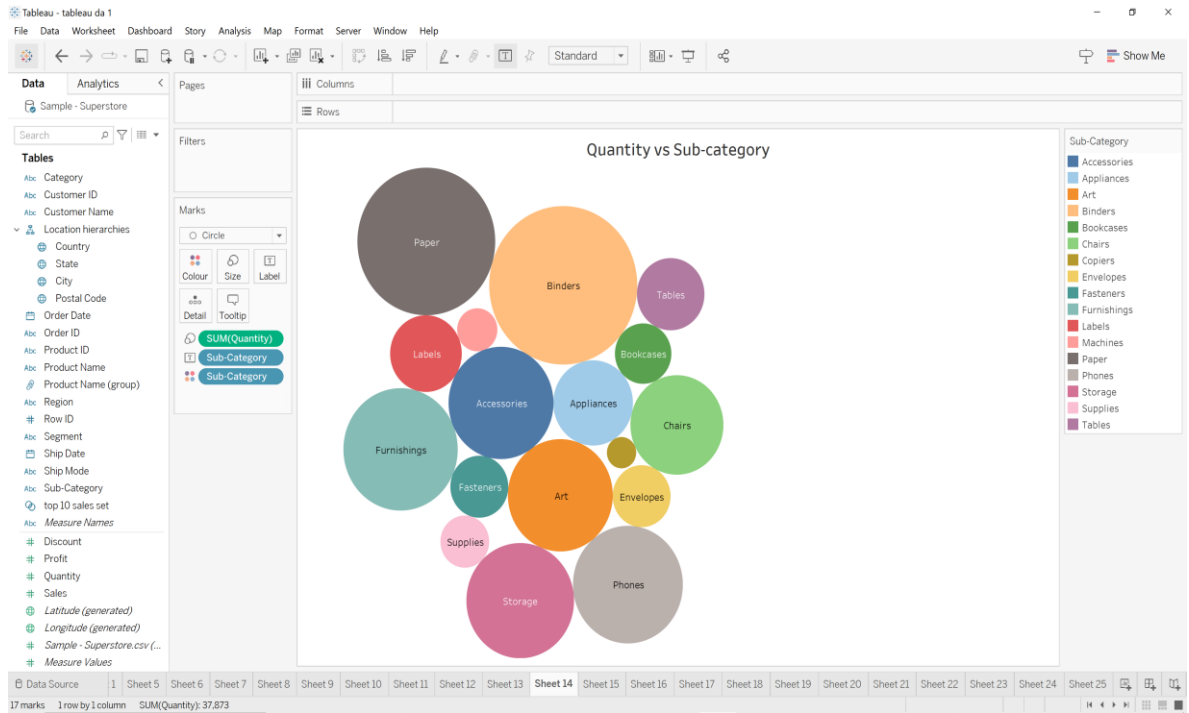
- 1) Create any 7 data visualizations/charts and perform the following
- 2) Apply dimension filter, context and measure filter on any of the three visualizations
- 3) Perform the following data manipulations on your dataset
  - create a Hierarchy
  - create a set
  - create a group

## Create 7 data visualizations

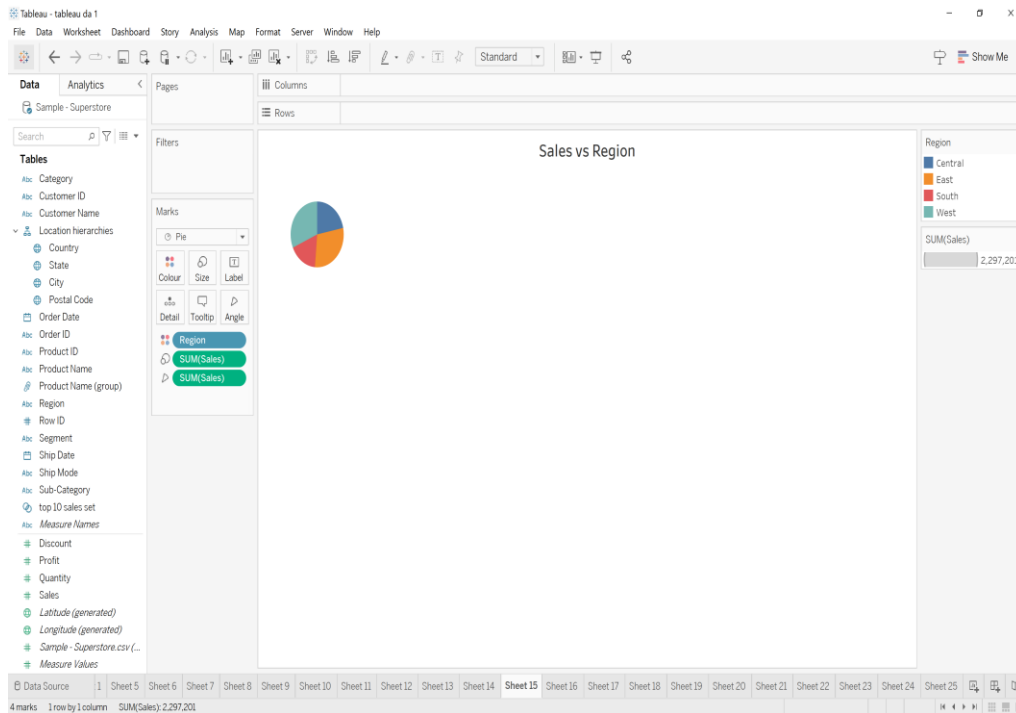
### 1. Geographic map



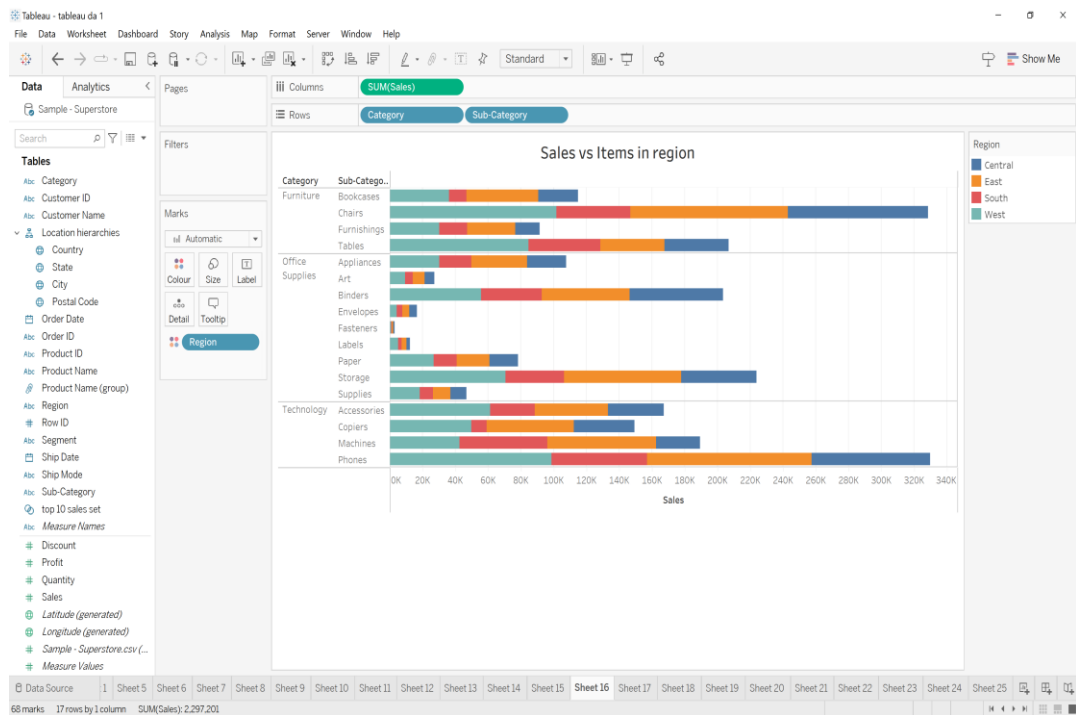
### 2. Bubble Chart



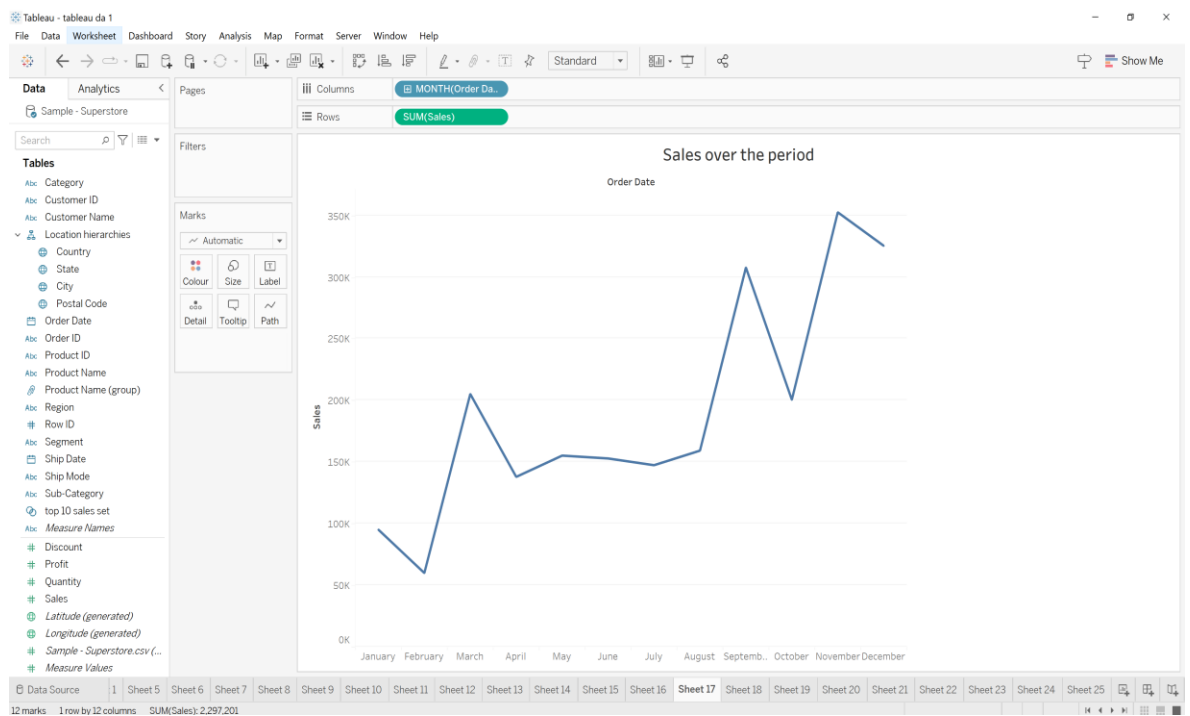
### 3. Pie chart



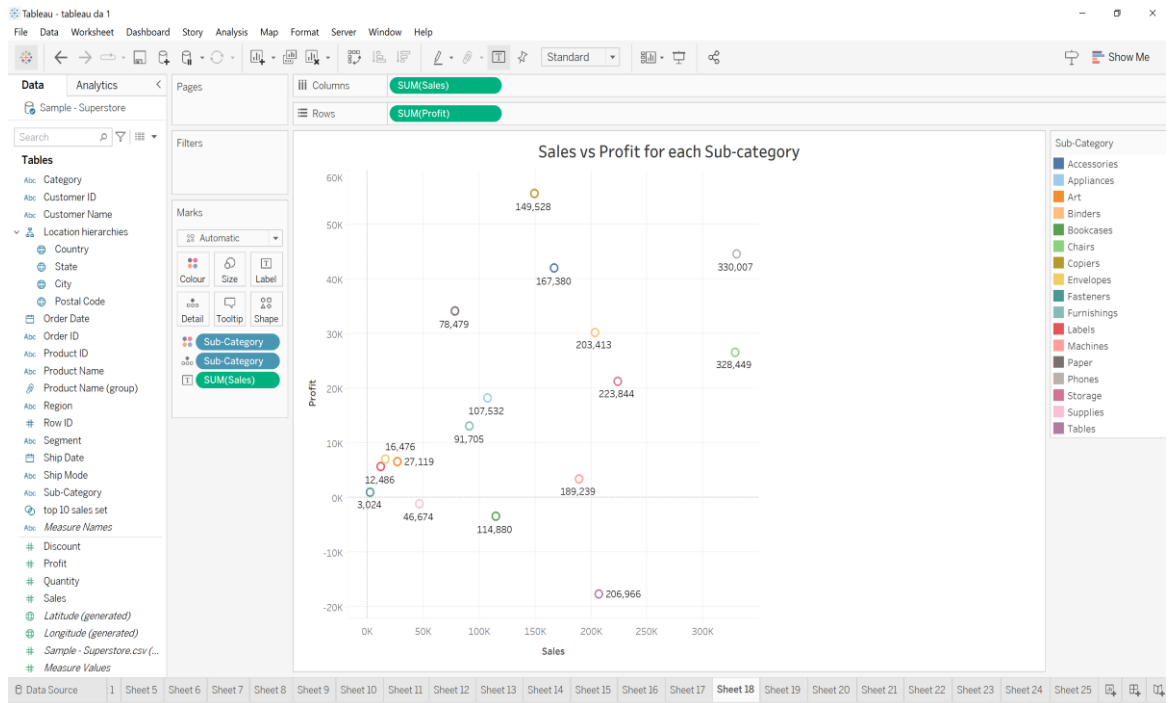
## 4. Horizontal Bar Chart



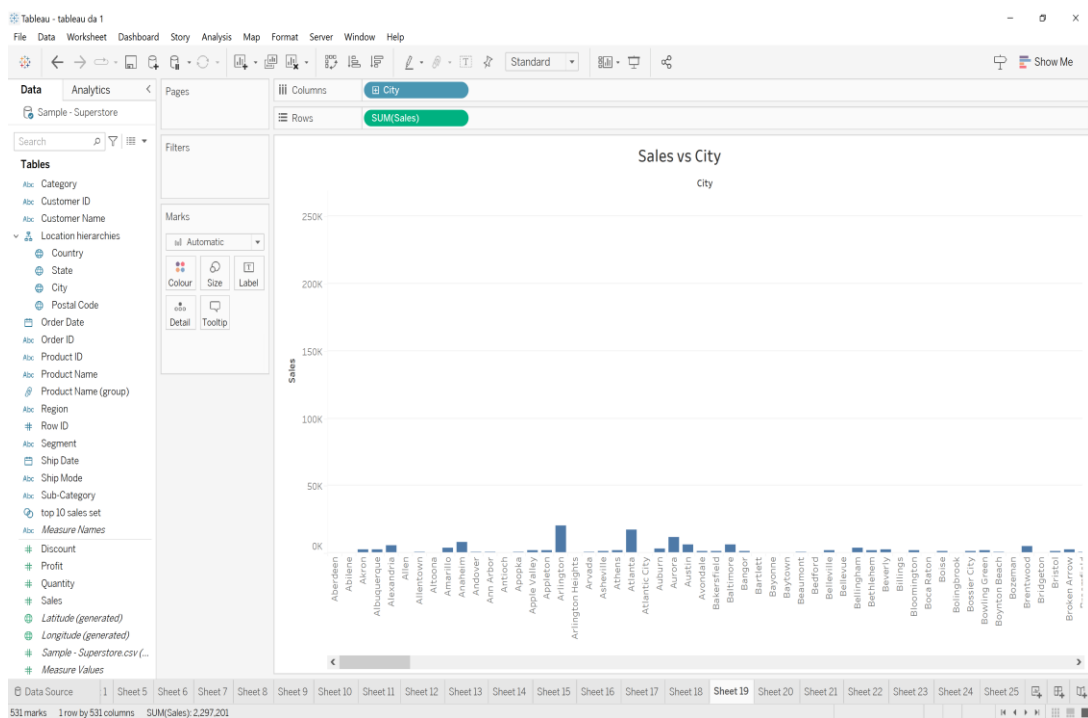
## 5. Line Chart



## 6. Scatter plot

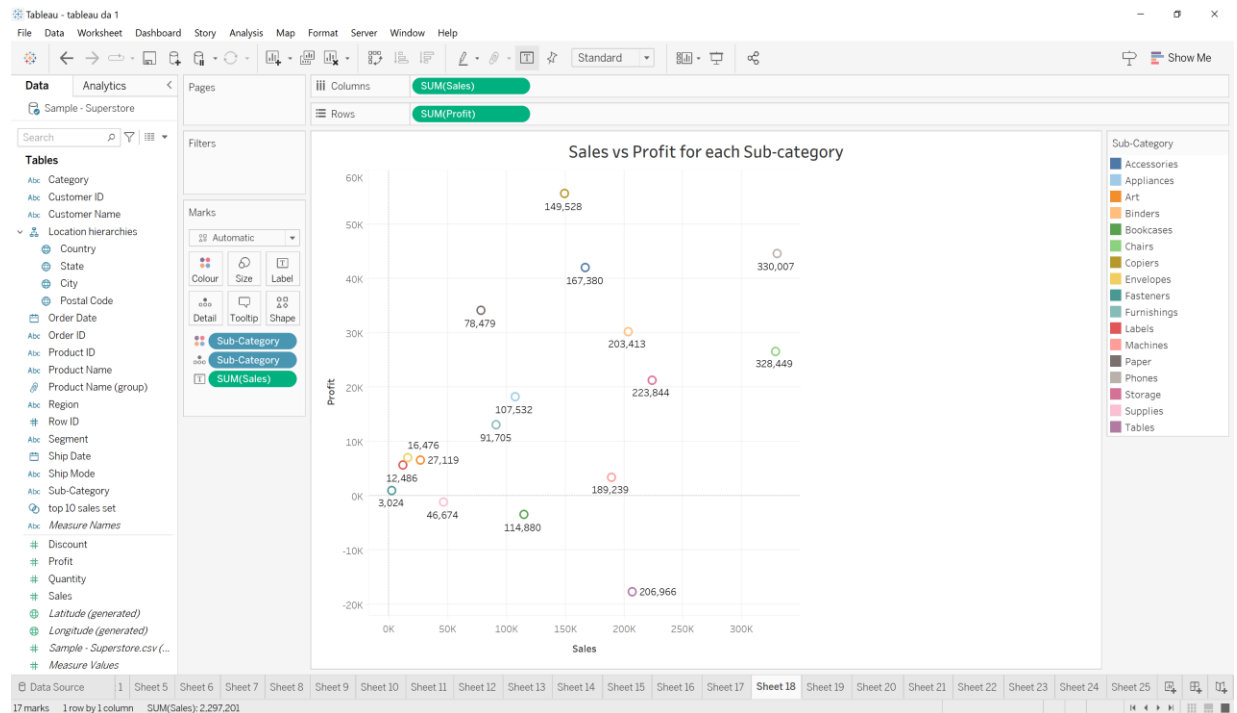


## 7. Bar Chart

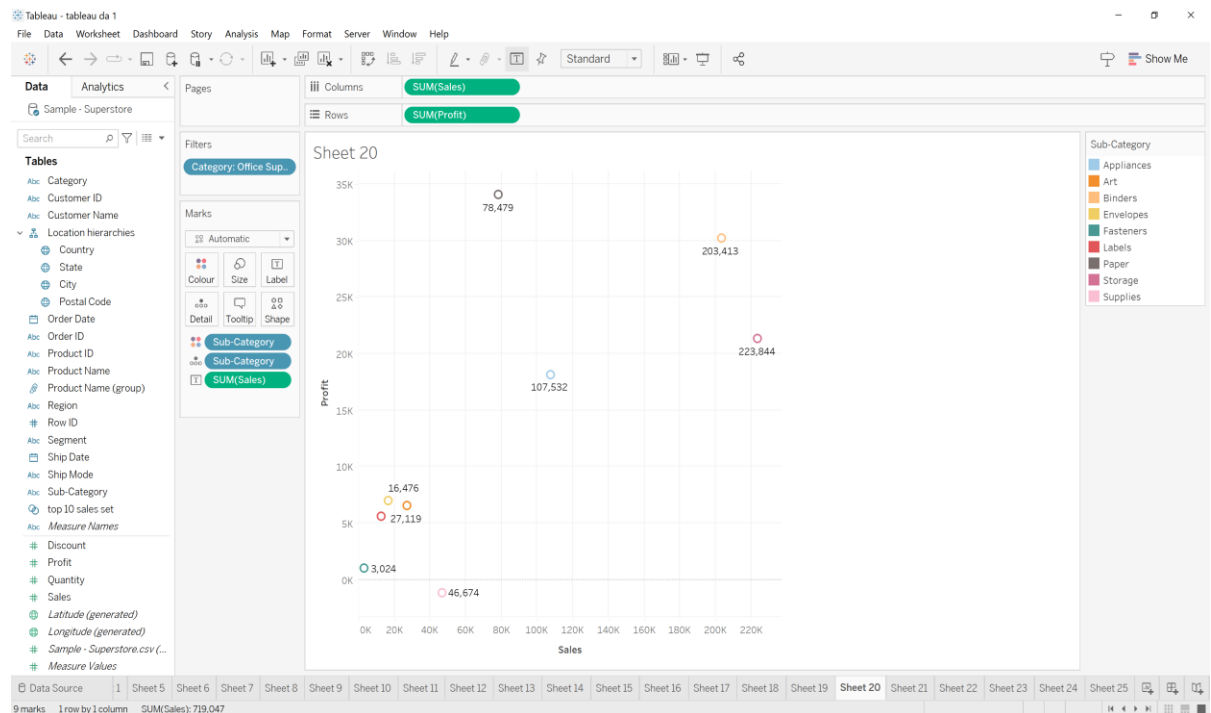


## Applying Dimension Filter:

## We apply dimension filter on the Scatter plot

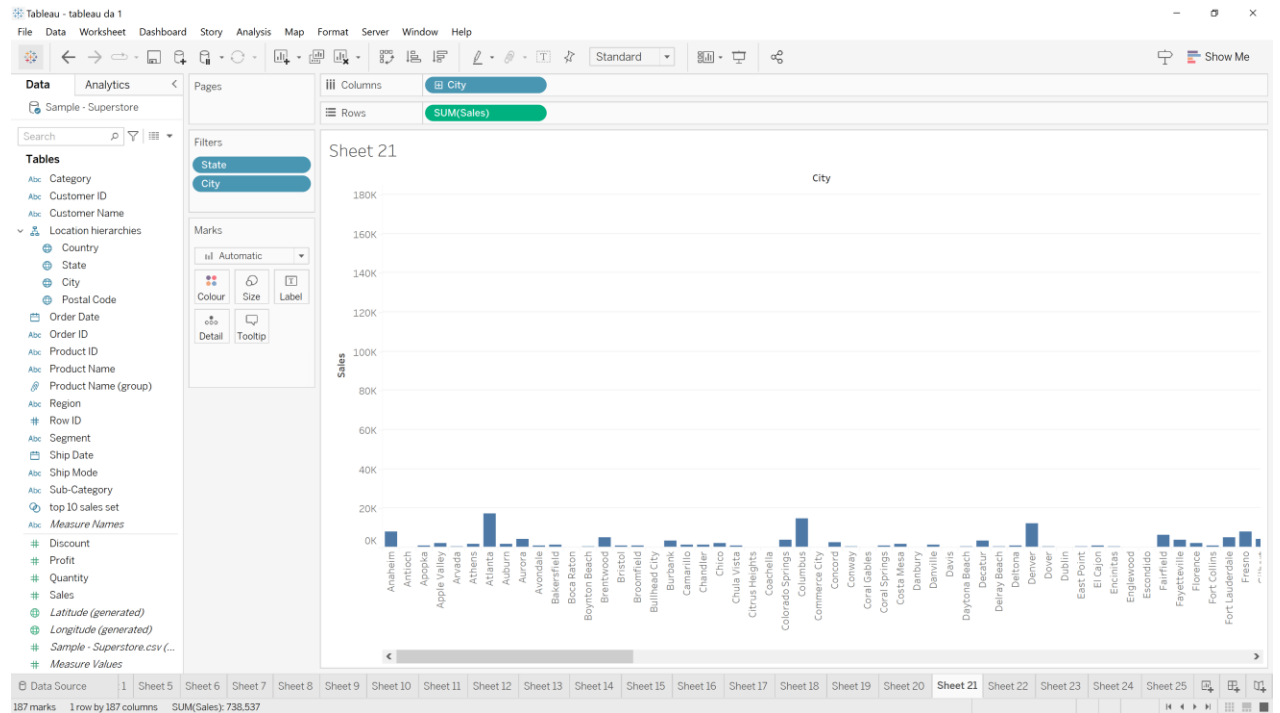


## With filter:



# 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

Tableau - tableau da 1

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Search

Tables

- Category
- Customer ID
- Customer Name
- Location hierarchies
  - Country
  - State
  - City
  - Postal Code
- Order Date
- Order ID
- Product ID
- Product Name
- Product Name (group)
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- Sub-Category
- top 10 sales set
- Measure Names
  - Discount
  - Profit
  - Quantity
  - Sales
  - Latitude (generated)
  - Longitude (generated)
  - Sample - Superstore.csv (...)
  - Measure Values

Filters

SUM(Profit)

Marks

Automatic

Colour Size Label

Detail Tooltip

SUM(Profit)

SUM(Profit)

Sub-Category

Profit vs Sub-category

Copiers

Phones

Accessories

Paper

Binders

Chairs

Storage

Furnishings

Envelopes

Appliances

Art

Labels

Machines

3 negative

SUM(Profit)

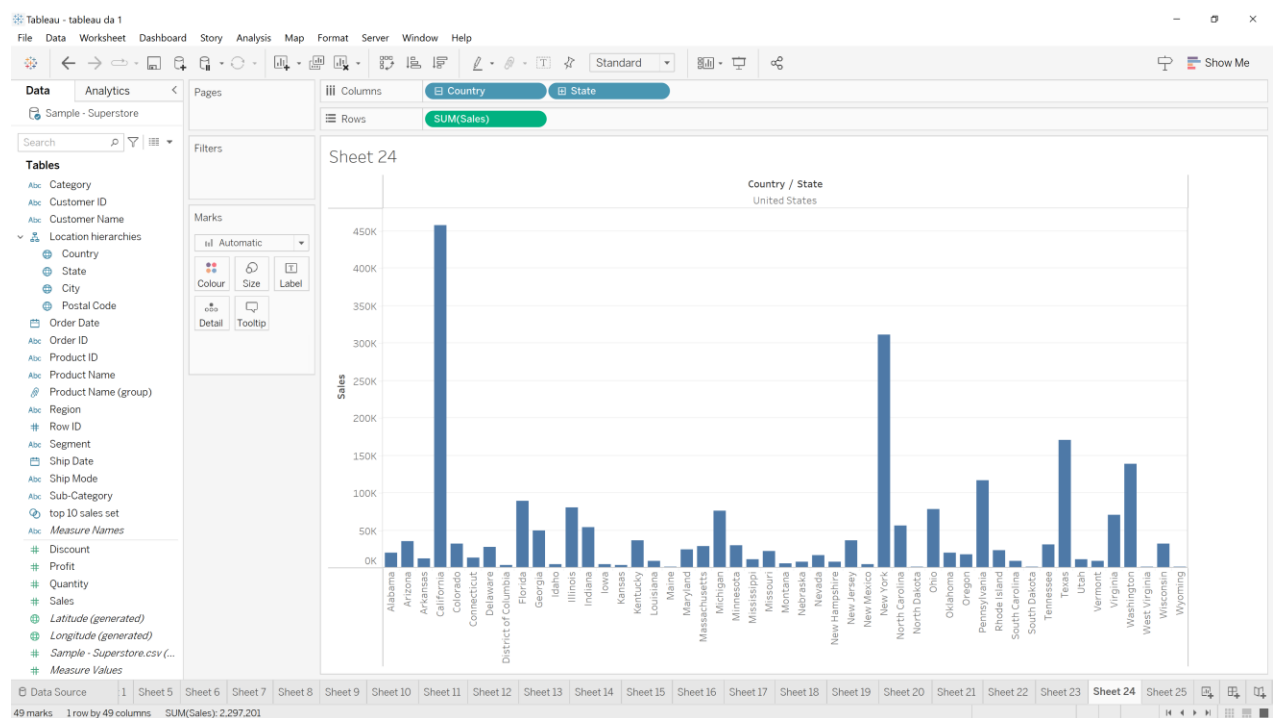
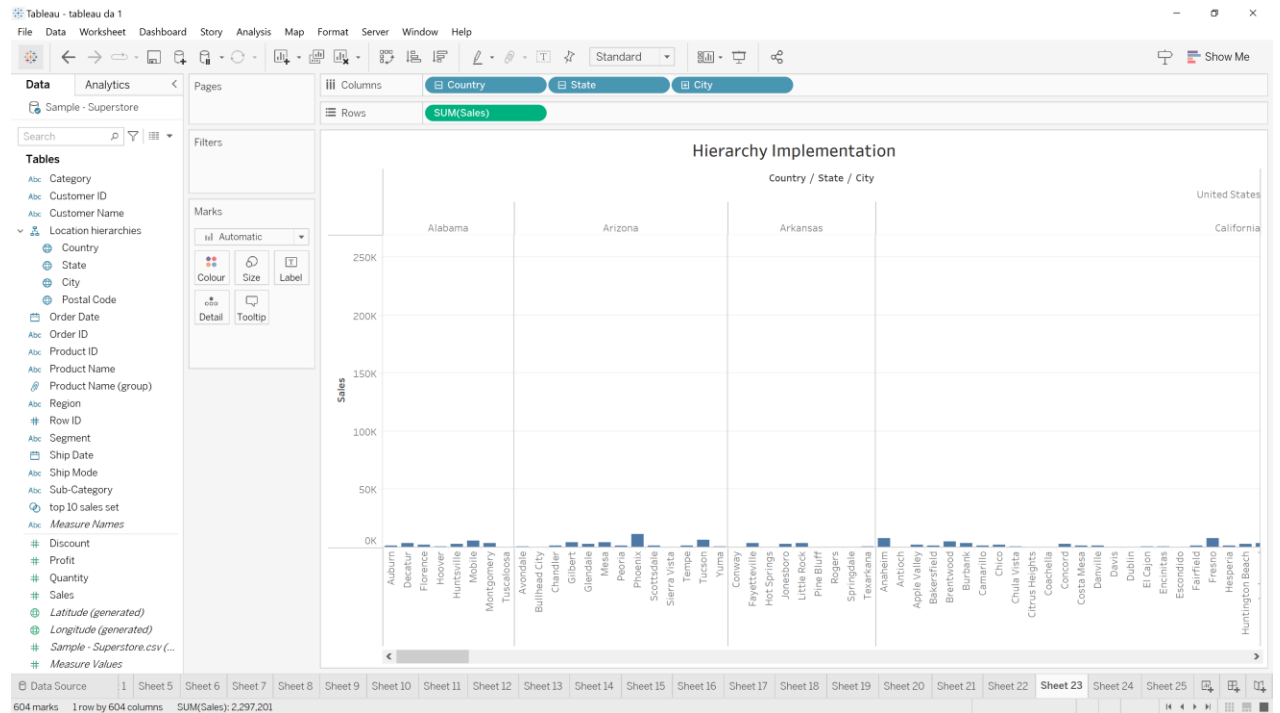
-17,725 55,618

Data Source 1 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Sheet 10 Sheet 11 Sheet 12 Sheet 13 Sheet 14 Sheet 15 Sheet 16 Sheet 17 Sheet 18 Sheet 19 Sheet 20 Sheet 21 Sheet 22 Sheet 23 Sheet 24 Sheet 25

17 marks 1 row by 1 column SUM(Profit): 286,397

# Create a Hierarchy

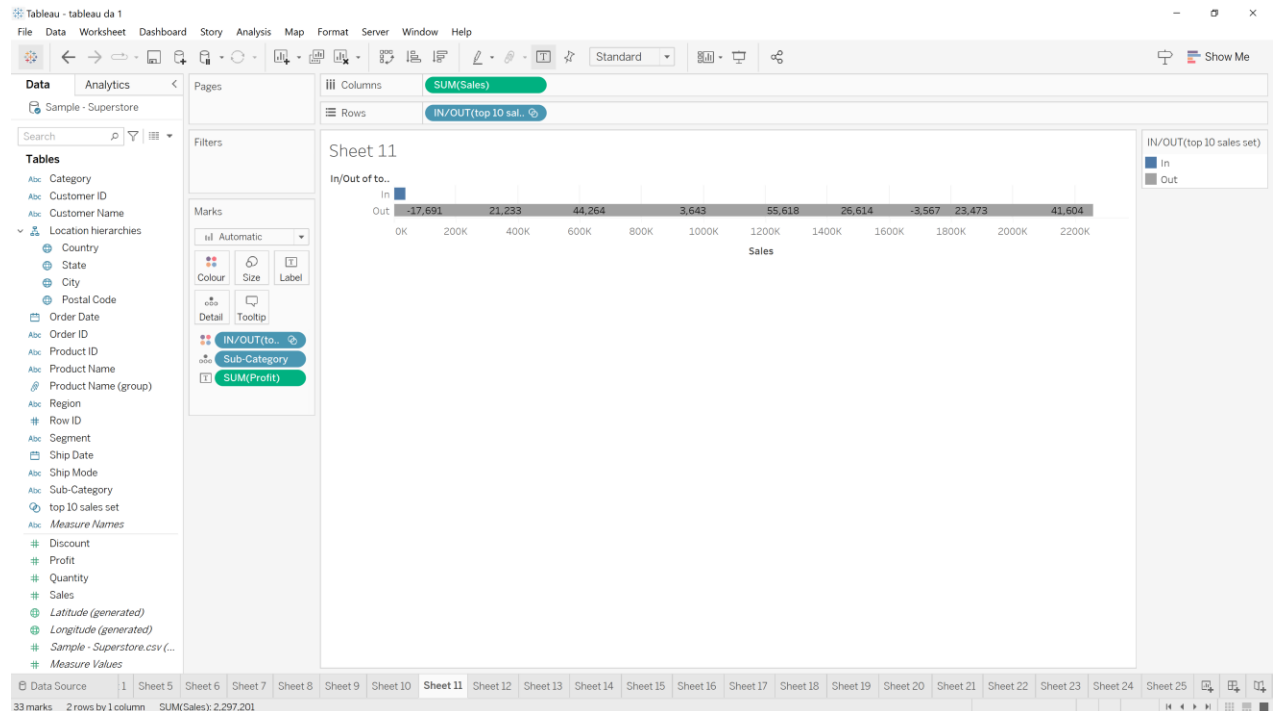
## We Create a hierarchy of locations





## Create a set:

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



## Create a group:

