

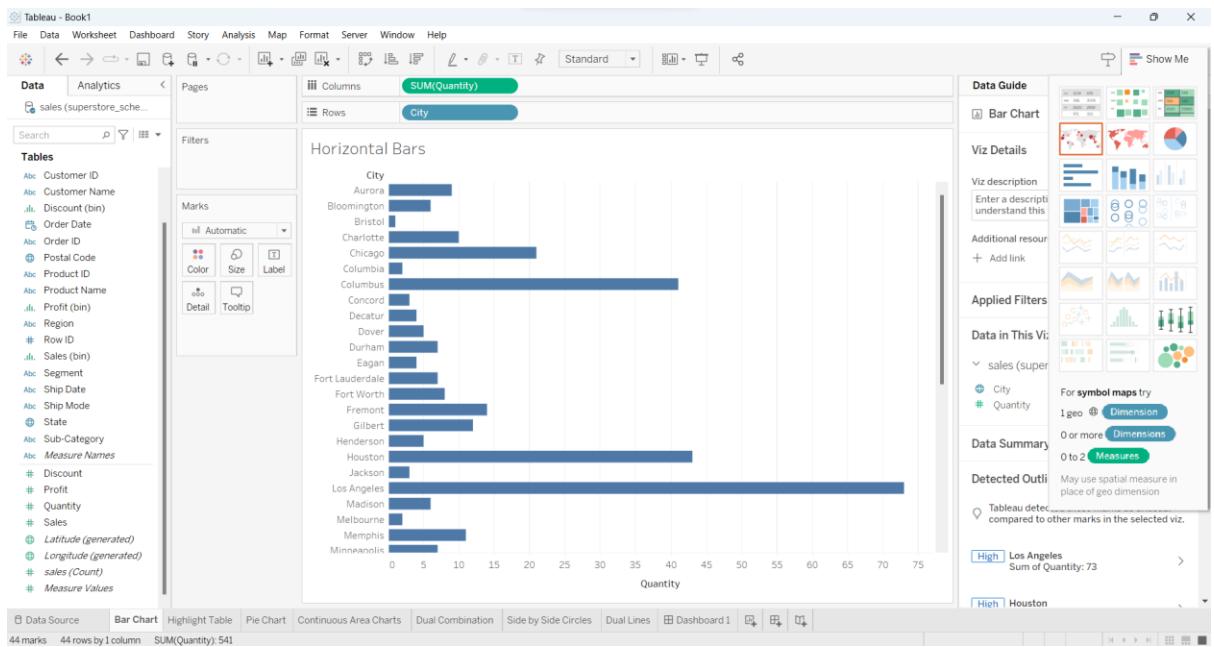
Name: Aditya K Iyer

Registration No.: 20BCI0084

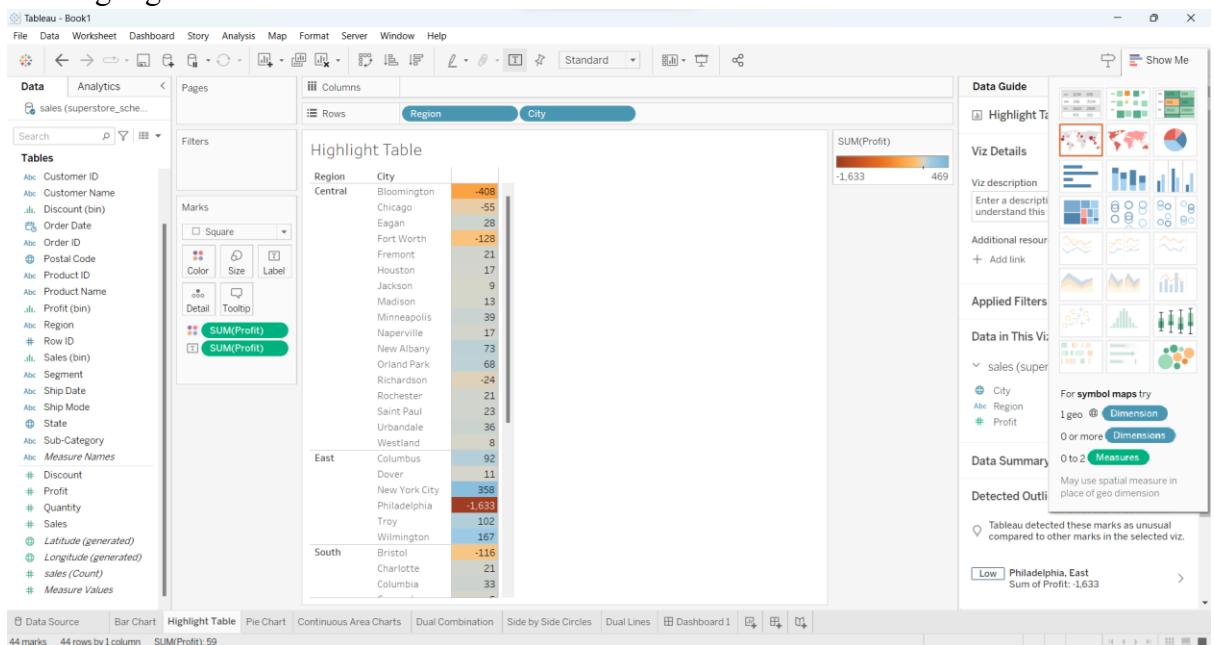
Data Analytics Assignment-2

1. Create any 7 data visualizations/charts.

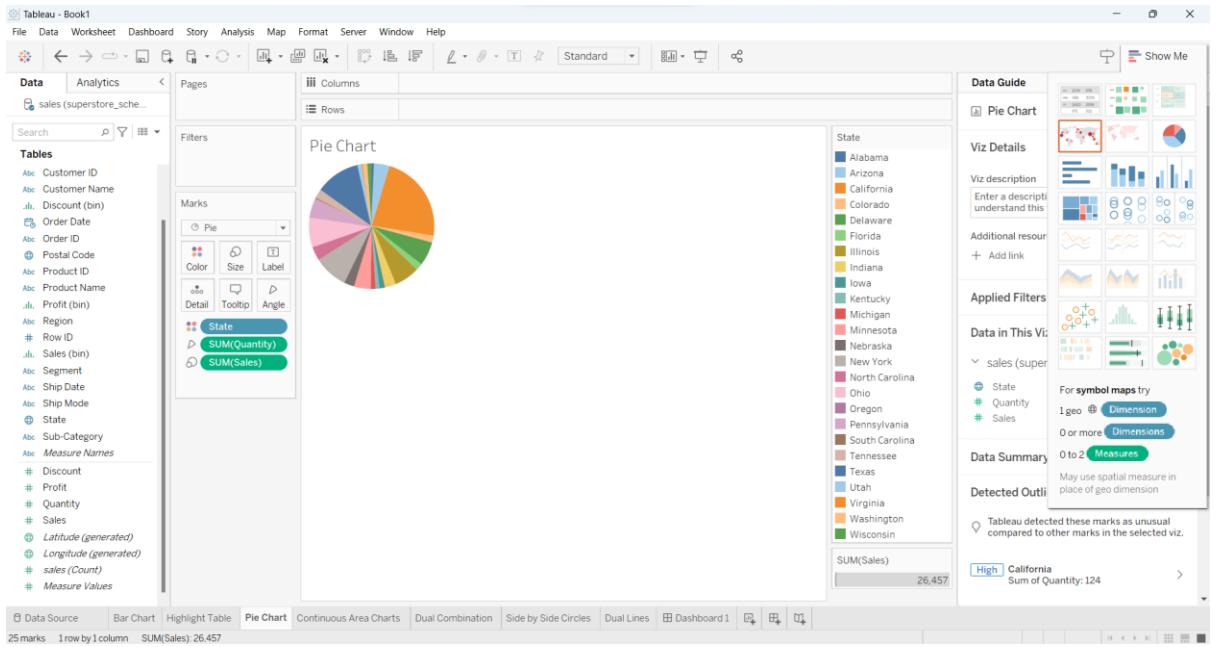
1.1. Horizontal Bars:



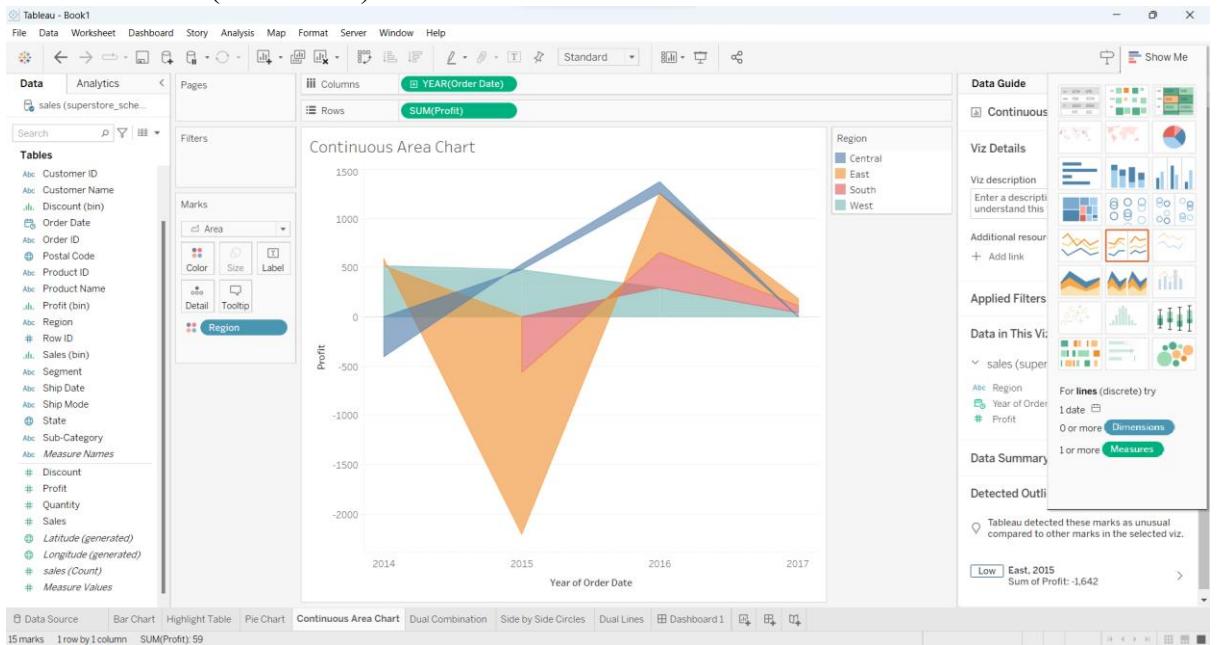
1.2. Highlight Table:



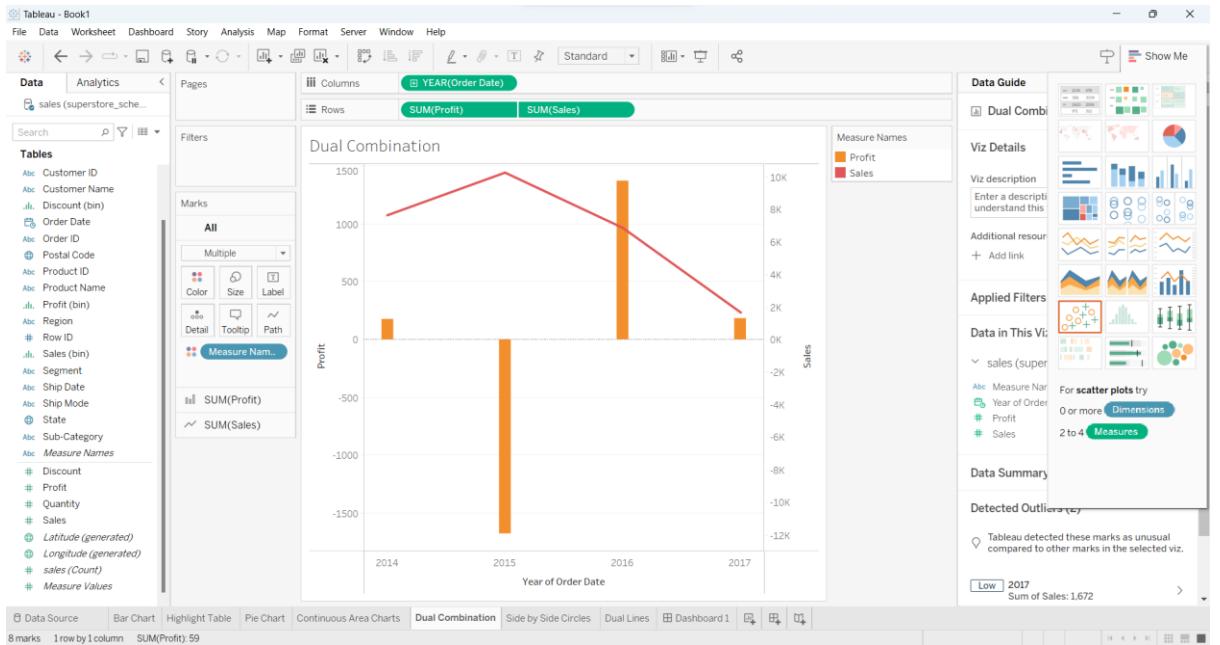
1.3. Pie Chart:



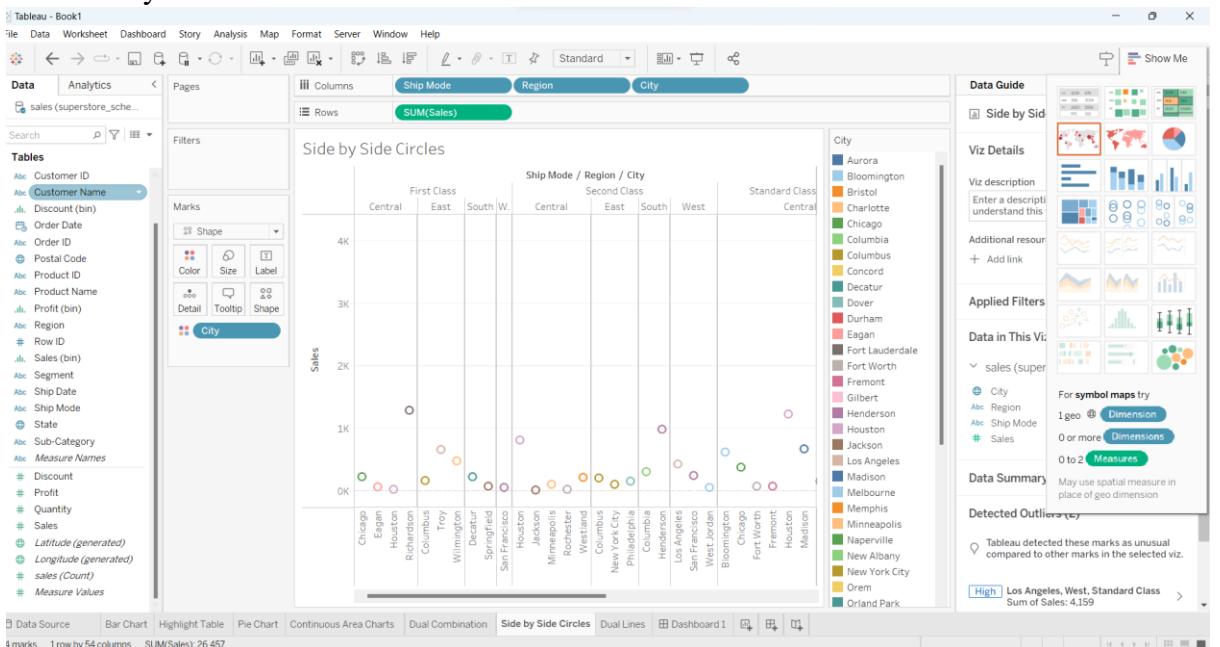
1.4. Area Chart (continuous)



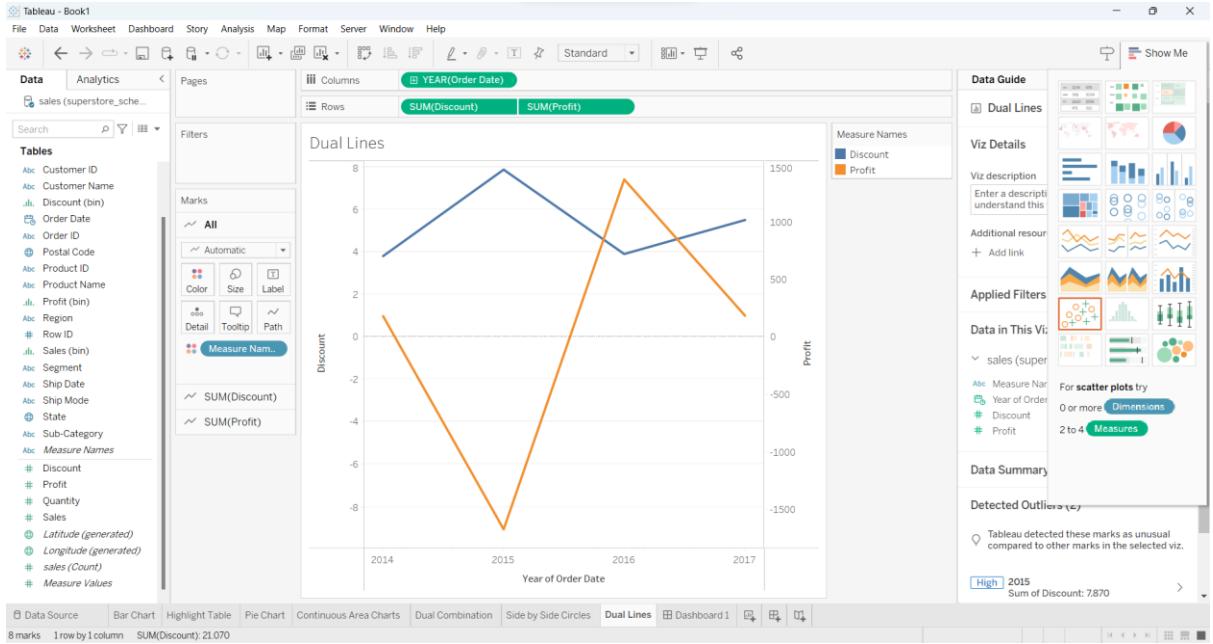
1.5. Dual Combination:



1.6. Side by Side Circles:



1.7. Dual Lines:

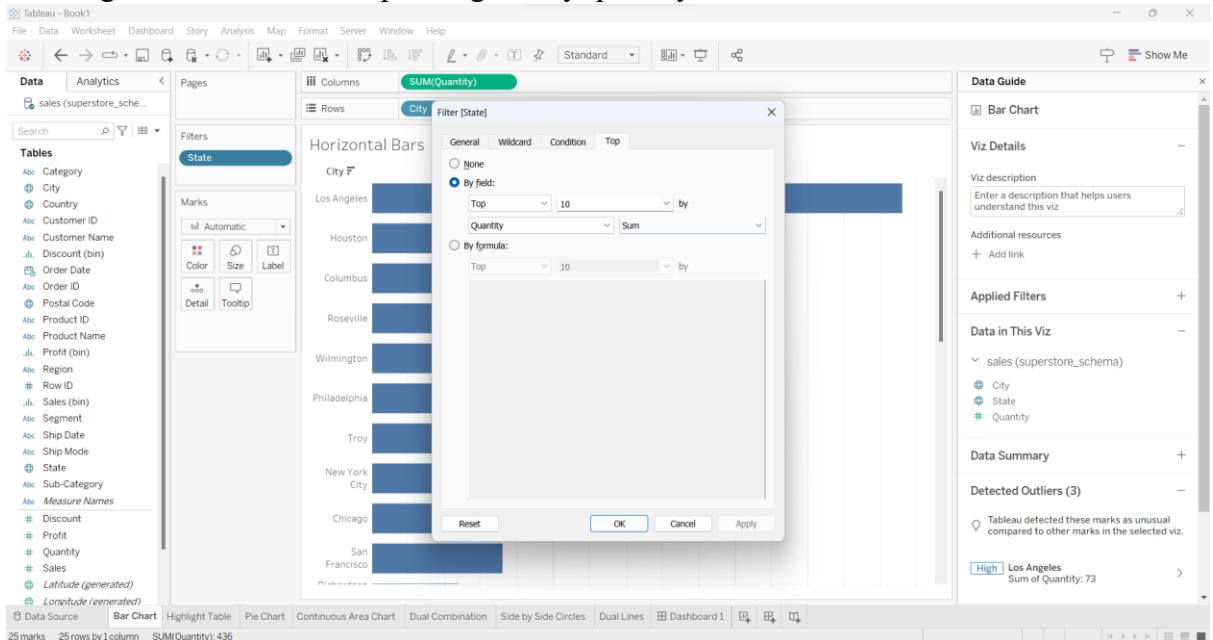


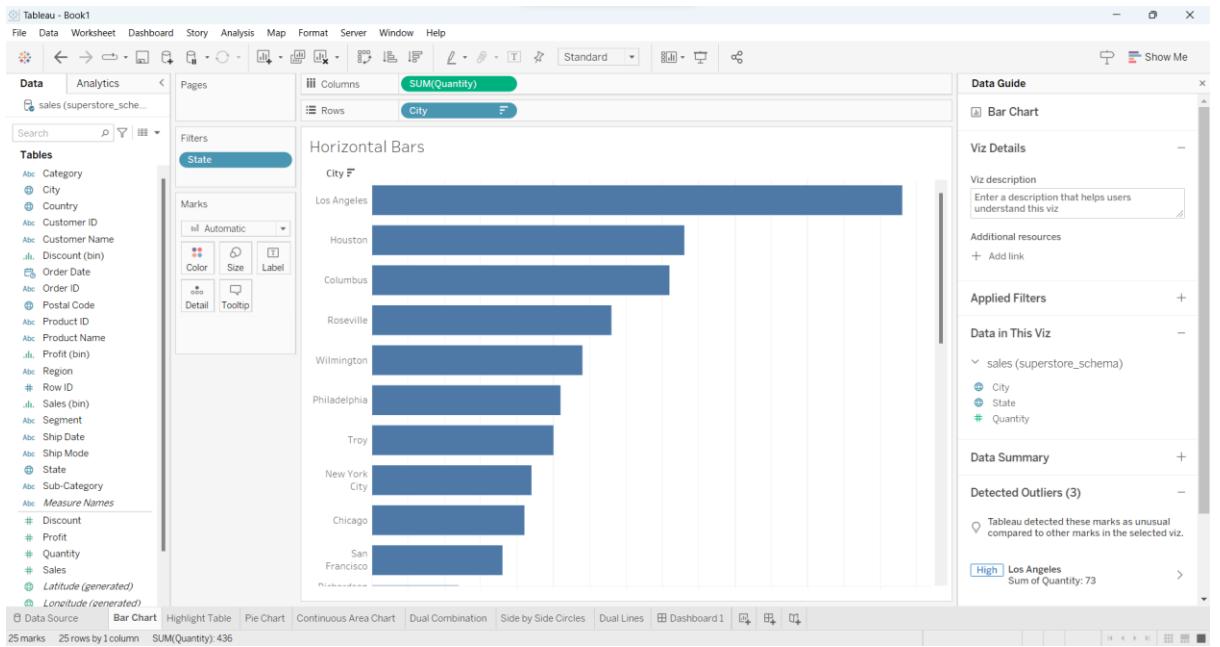
2. Apply dimension filter, context, and measure filter on any of the three visualizations:

2.1. Dimension filter:

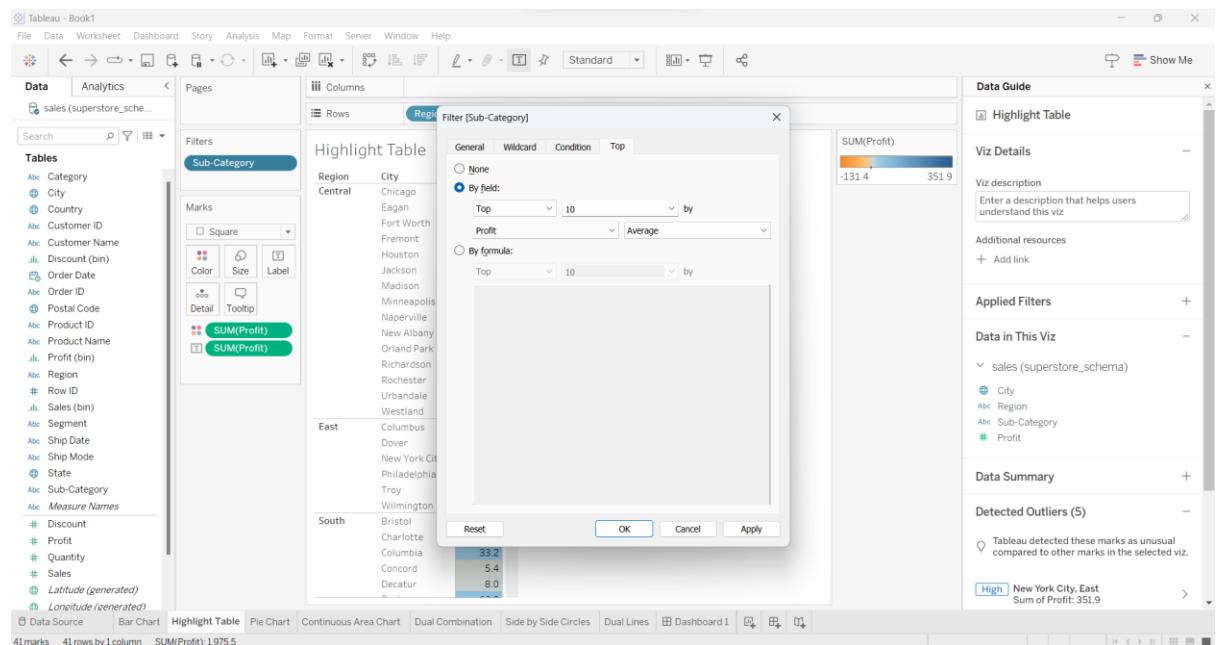
2.1.1. Visualization 1:

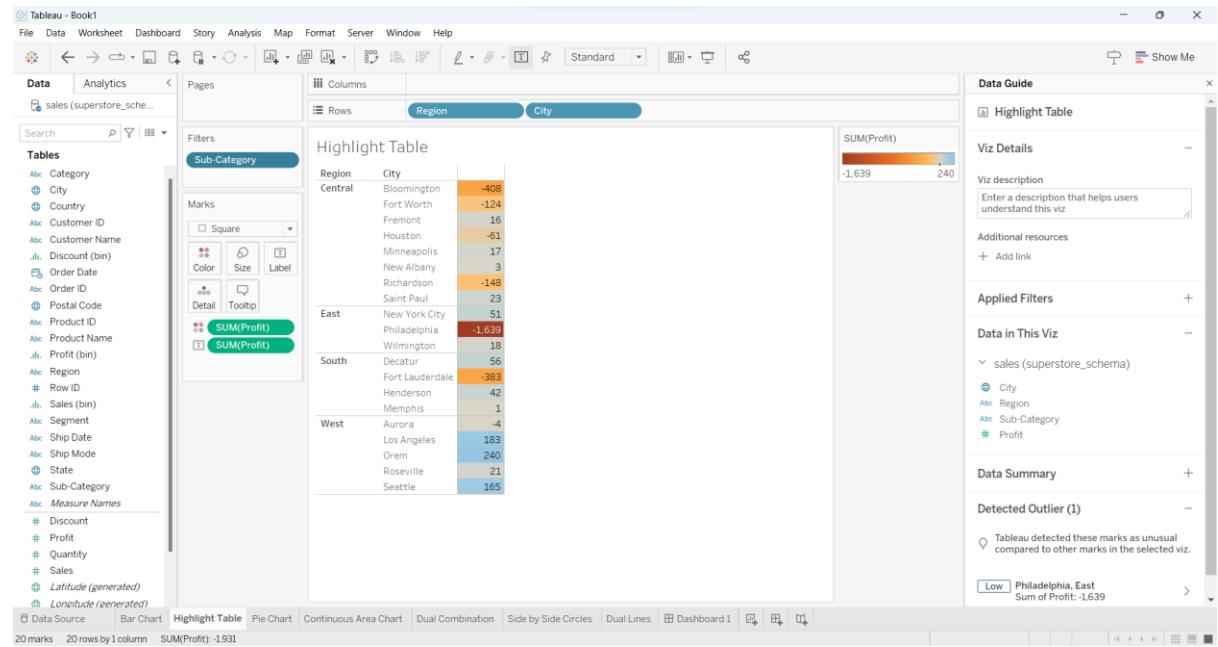
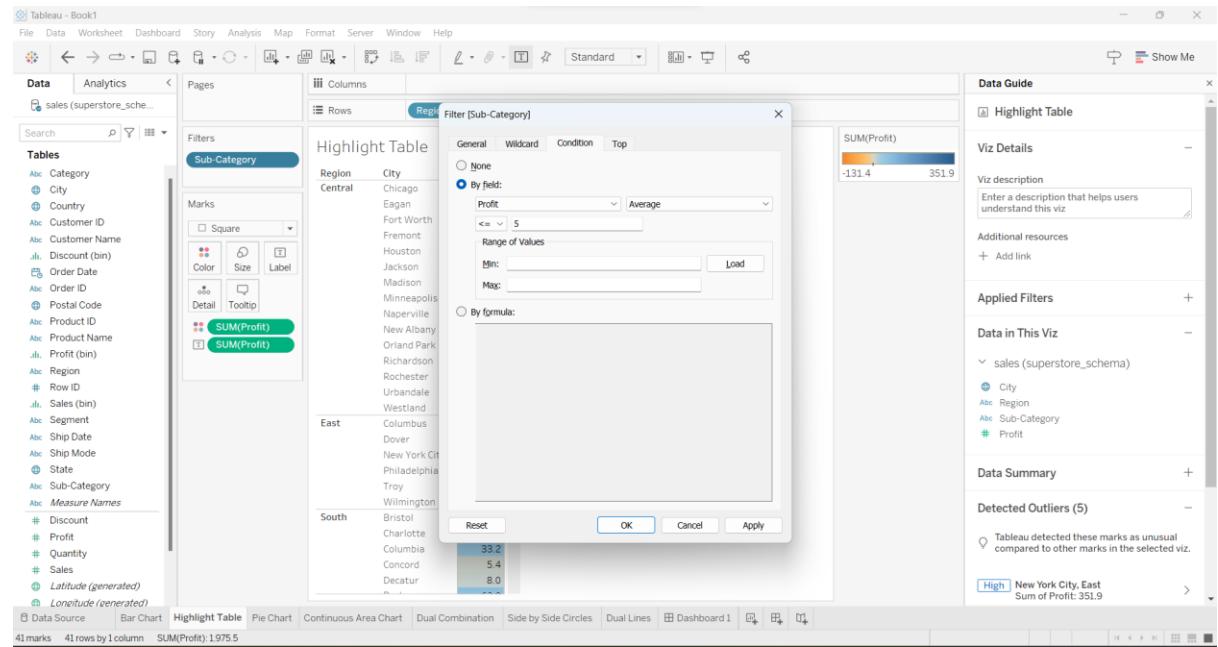
Creating a filter to find the top 10 regions by quantity:



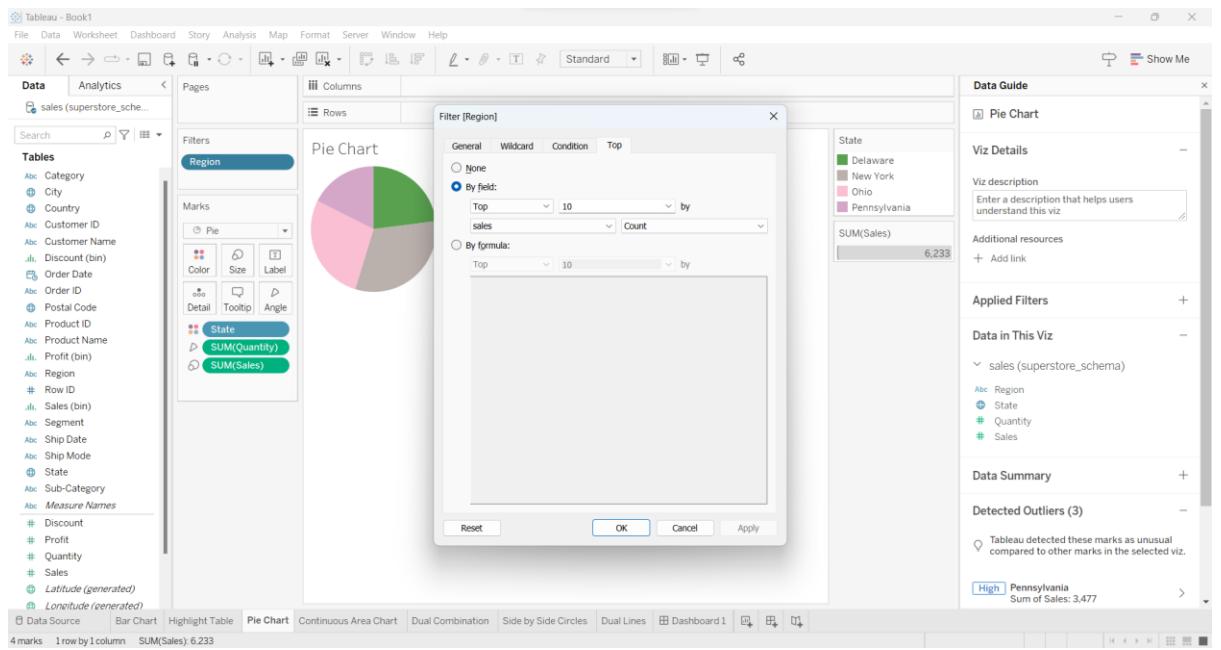
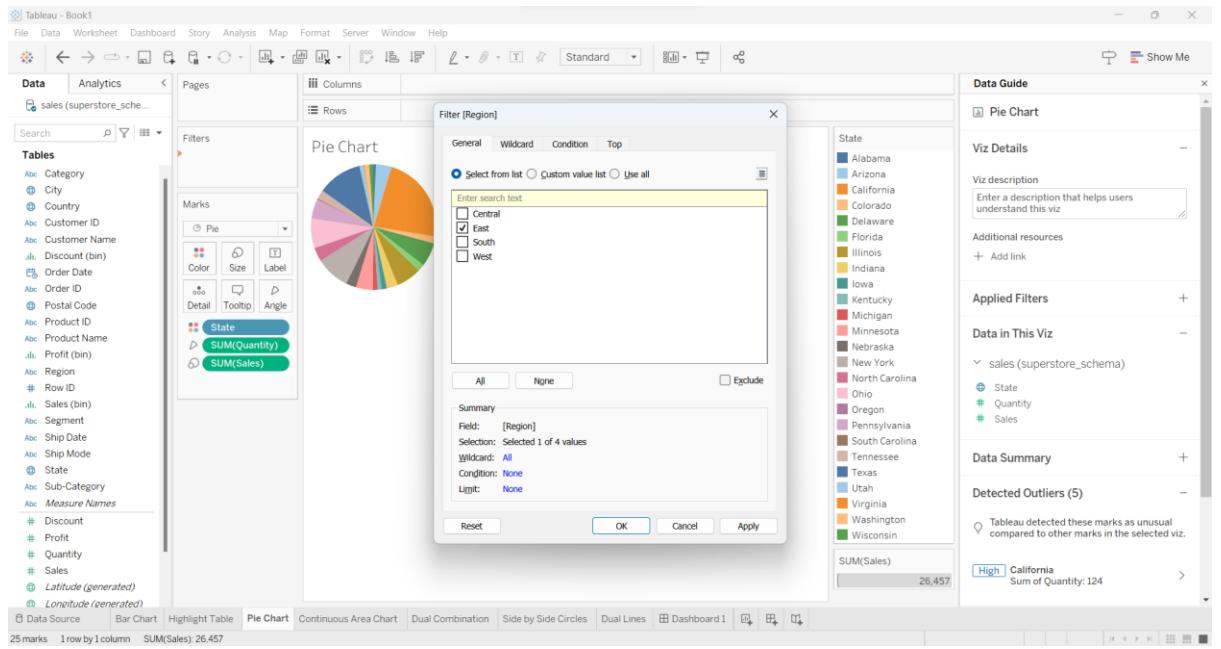


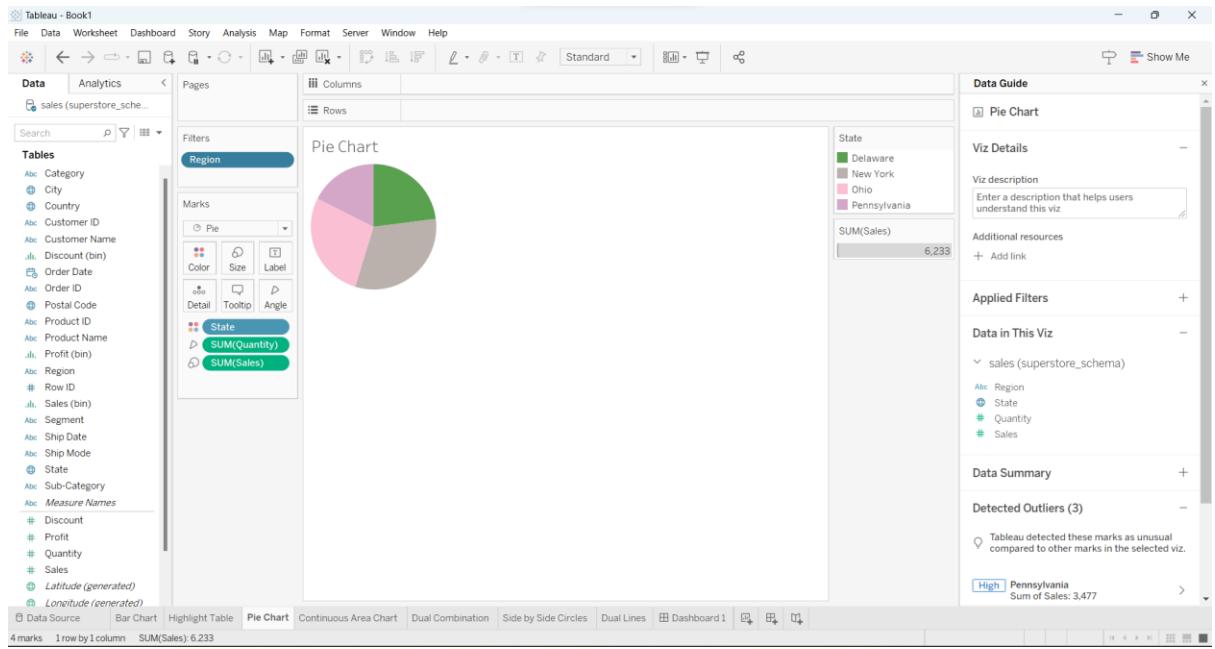
2.1.2. Visualization 2:





2.1.3. Visualization 3:

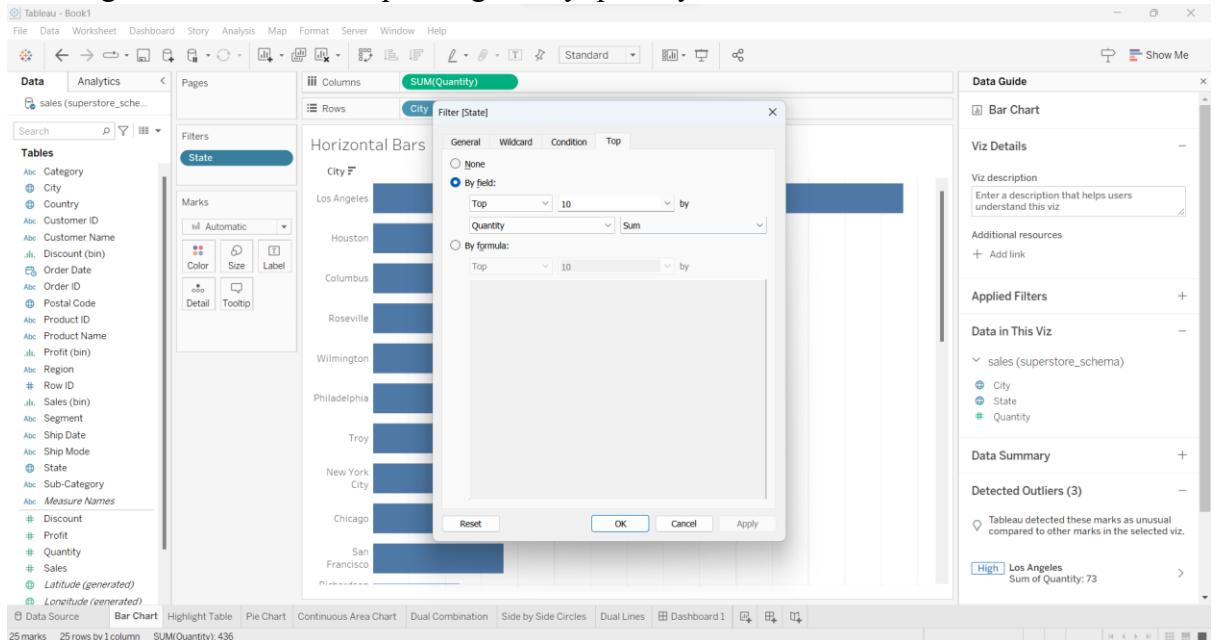




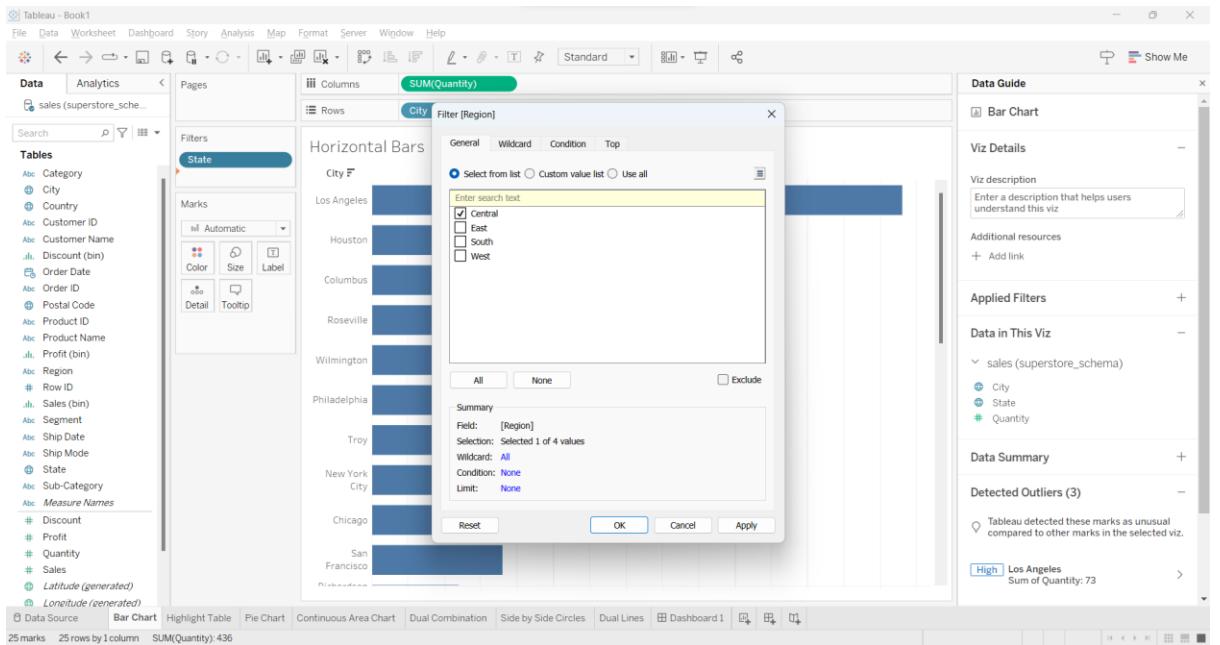
2.2. Context Filter:

2.2.1. Visualization 1:

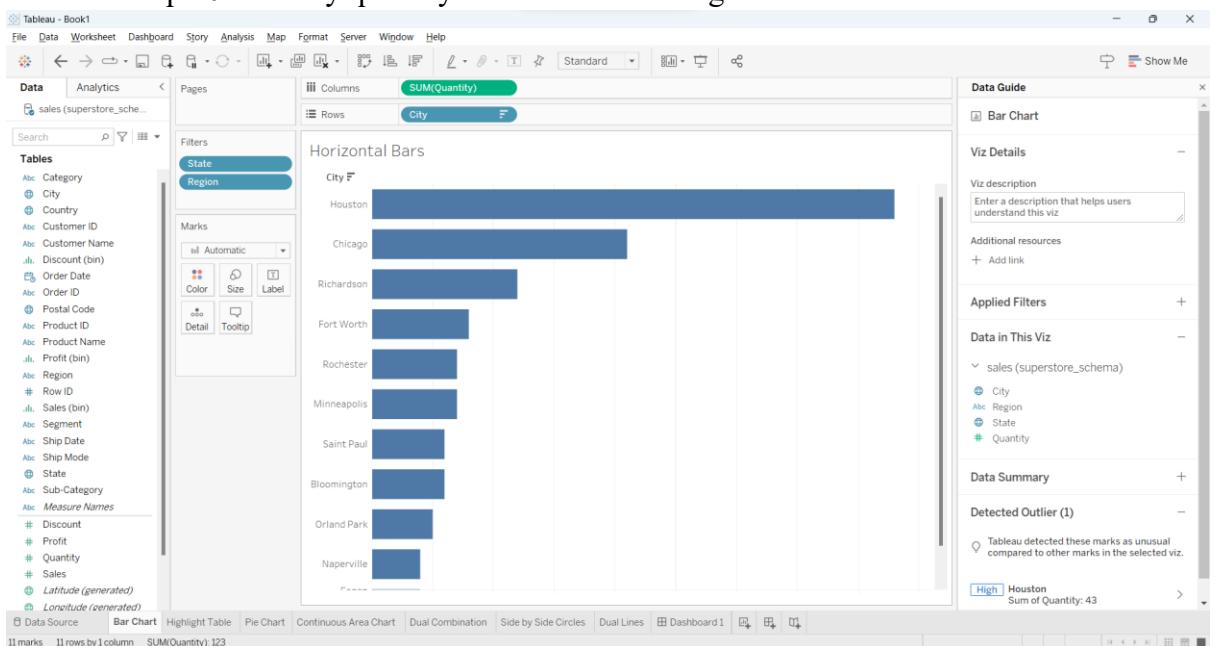
Creating a filter to find the top 10 regions by quantity:



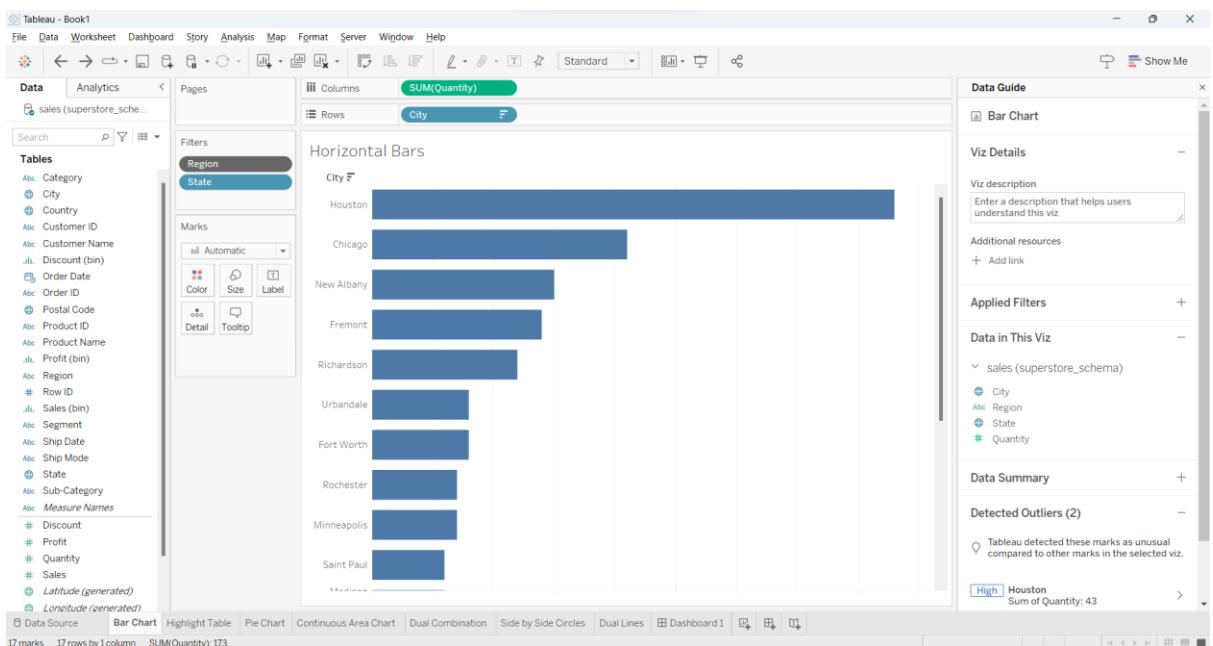
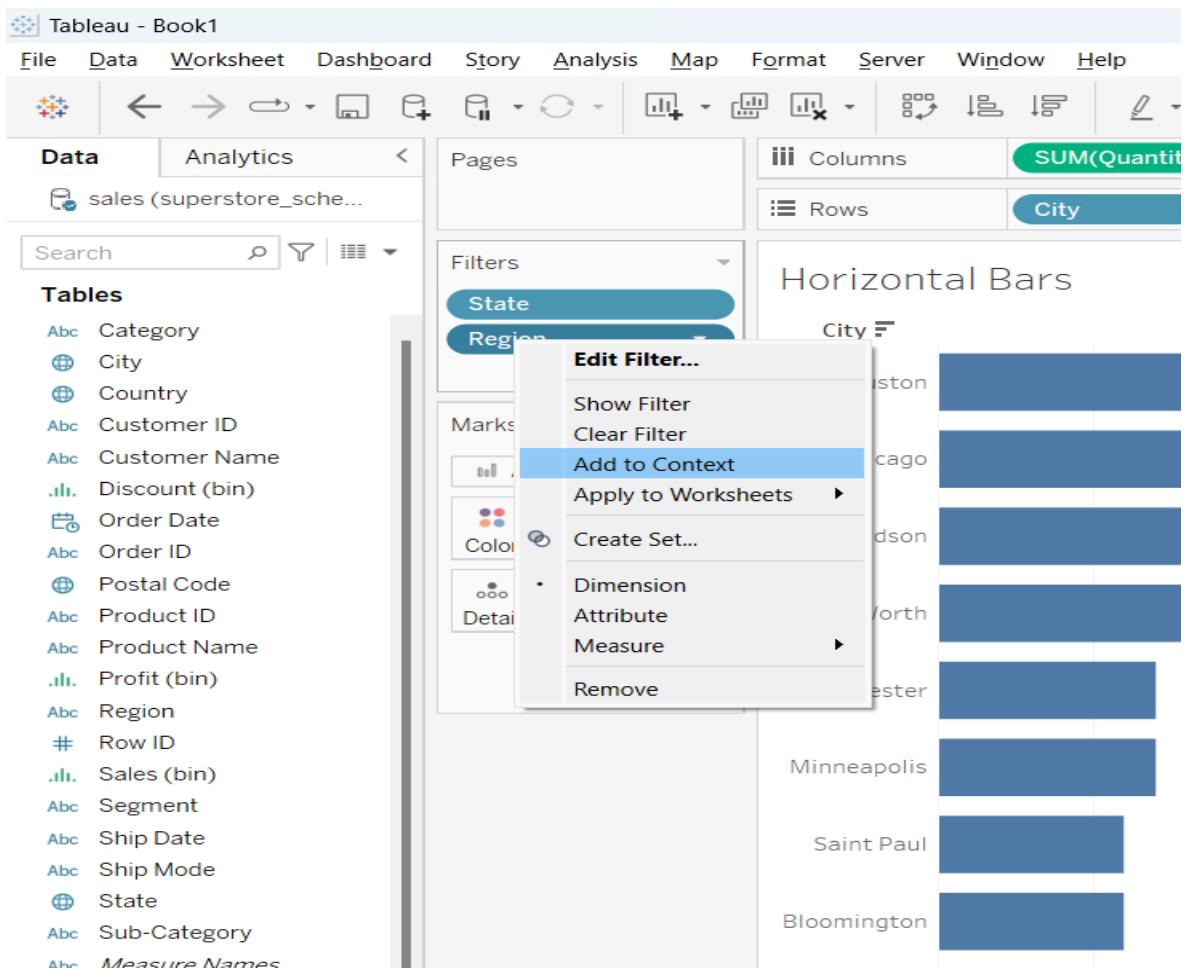
Adding region with east only filter:



Results in top 10 states by quantity AND in Central Region

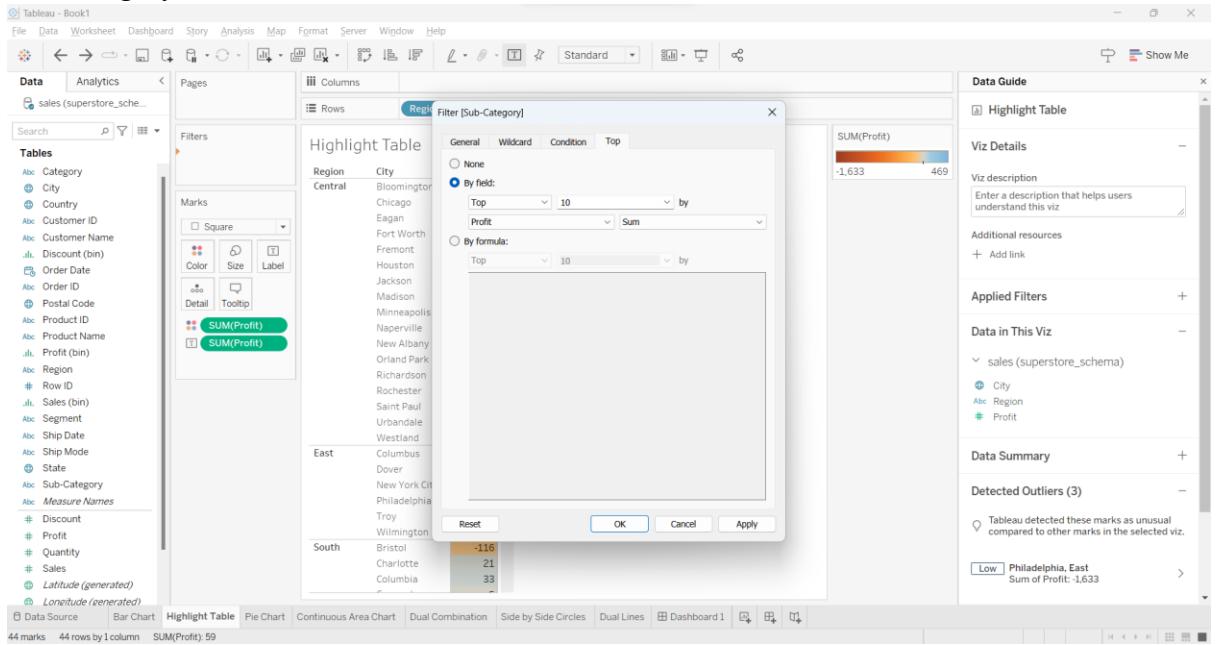


To remove the intersection, applying context filter on region:

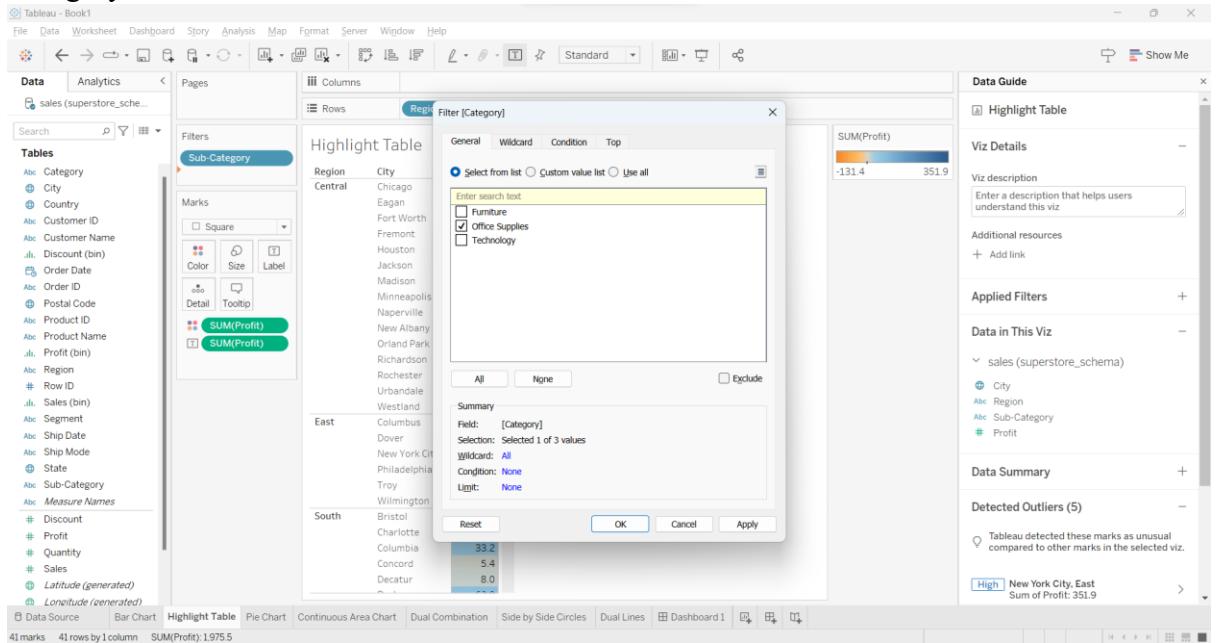


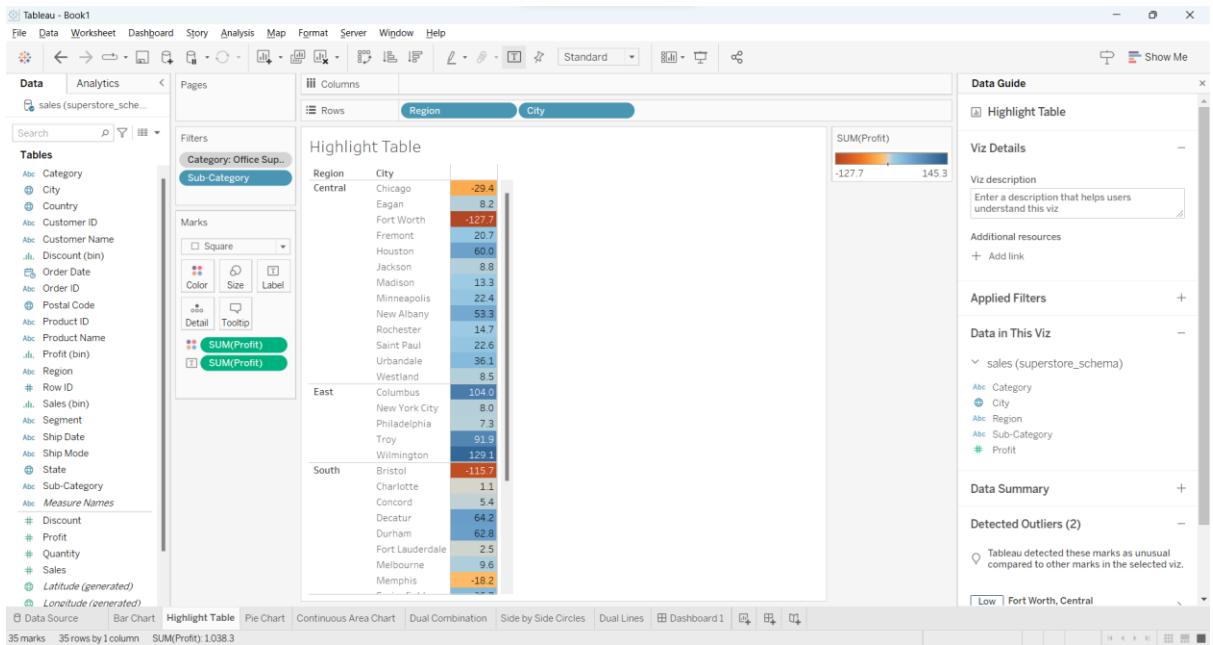
2.2.2 Visualization 2:

Sub-category:

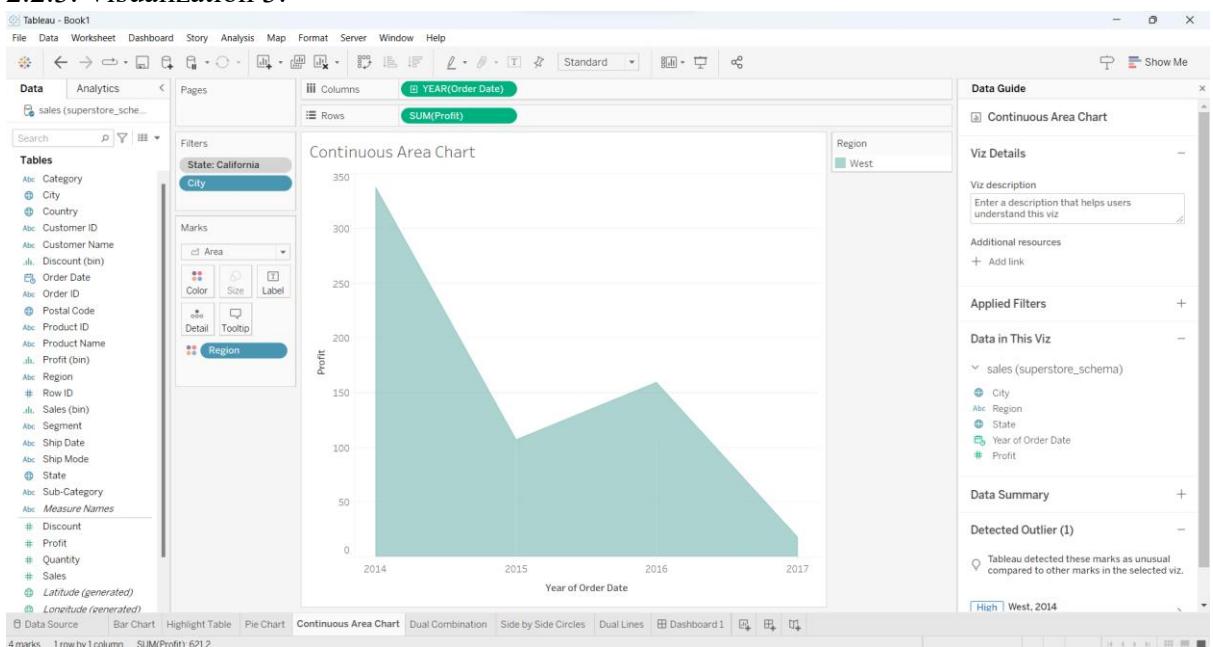


Category:



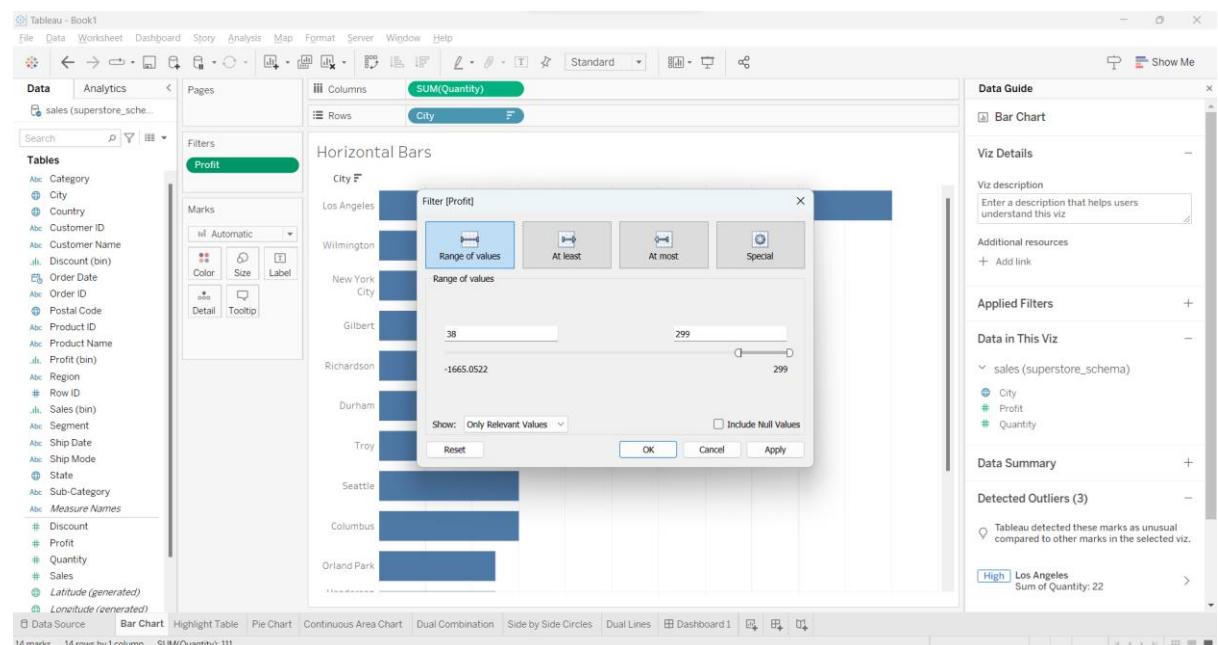
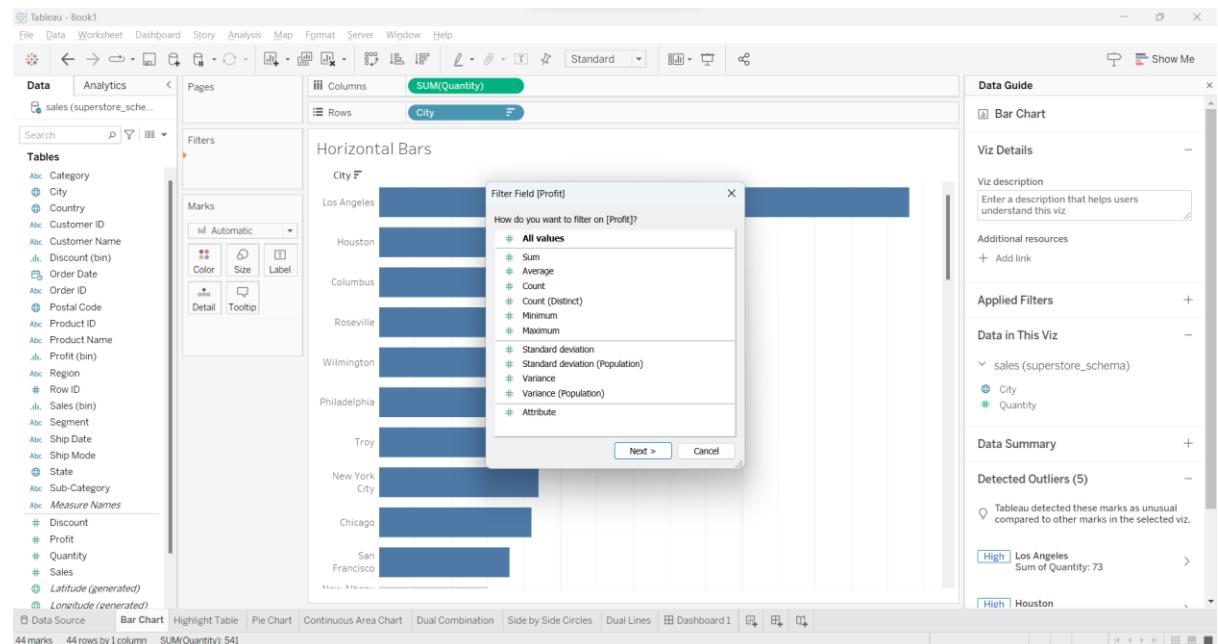


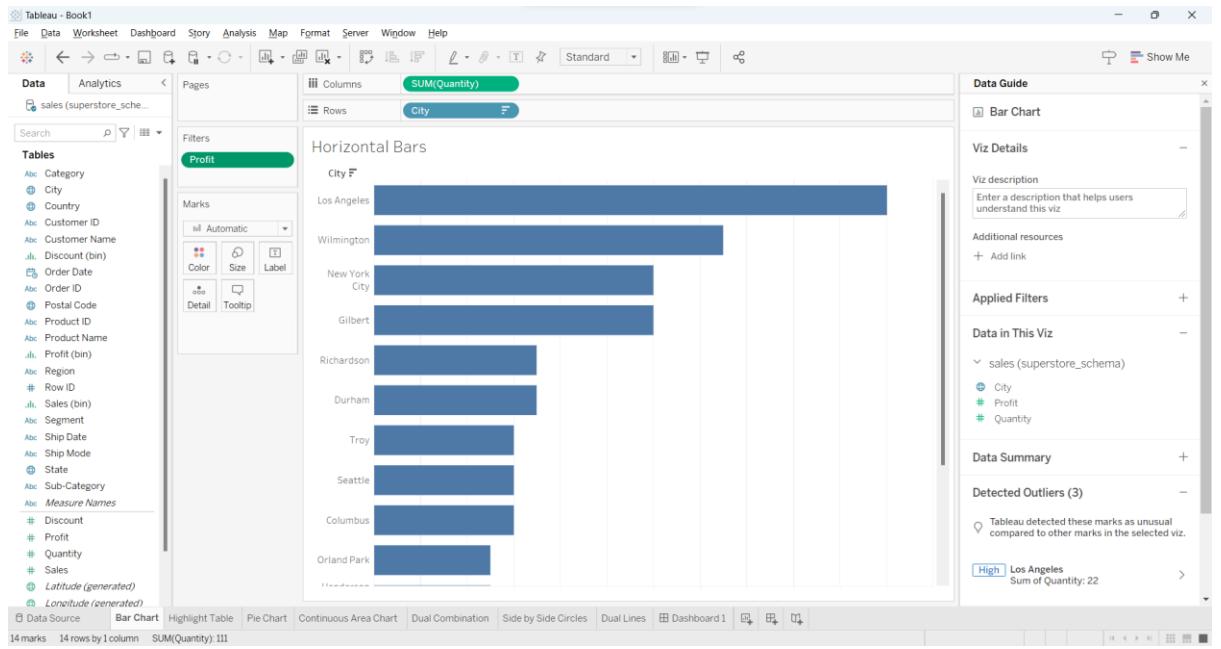
2.2.3. Visualization 3:



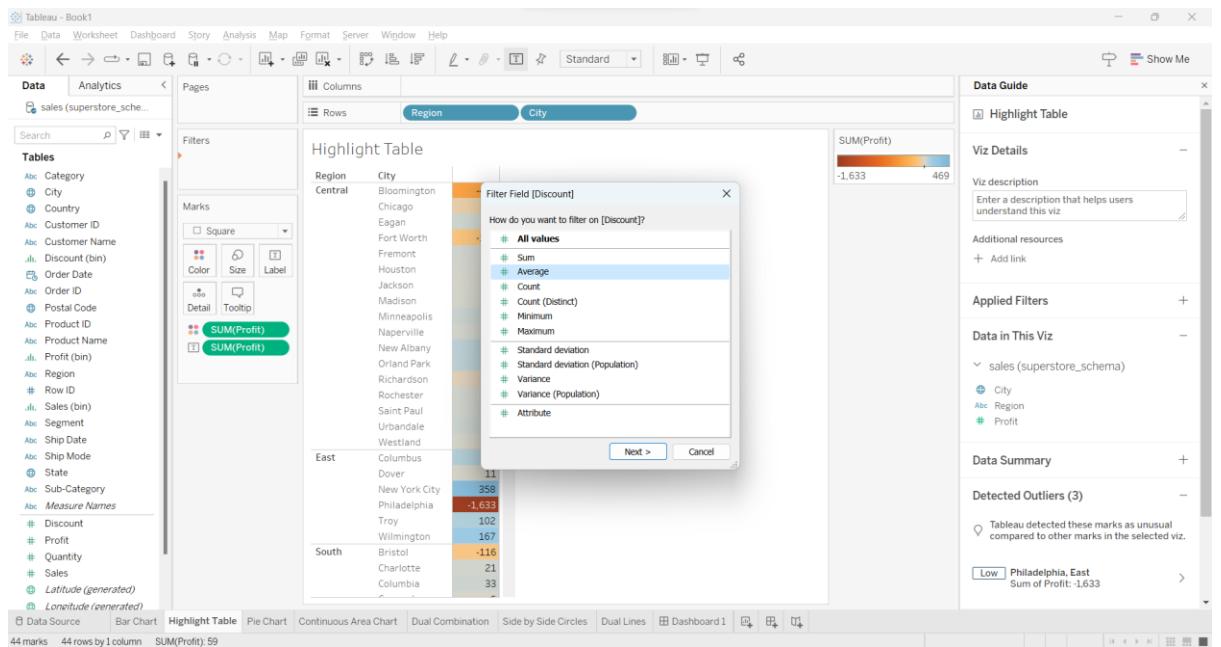
2.3. Measure Filters:

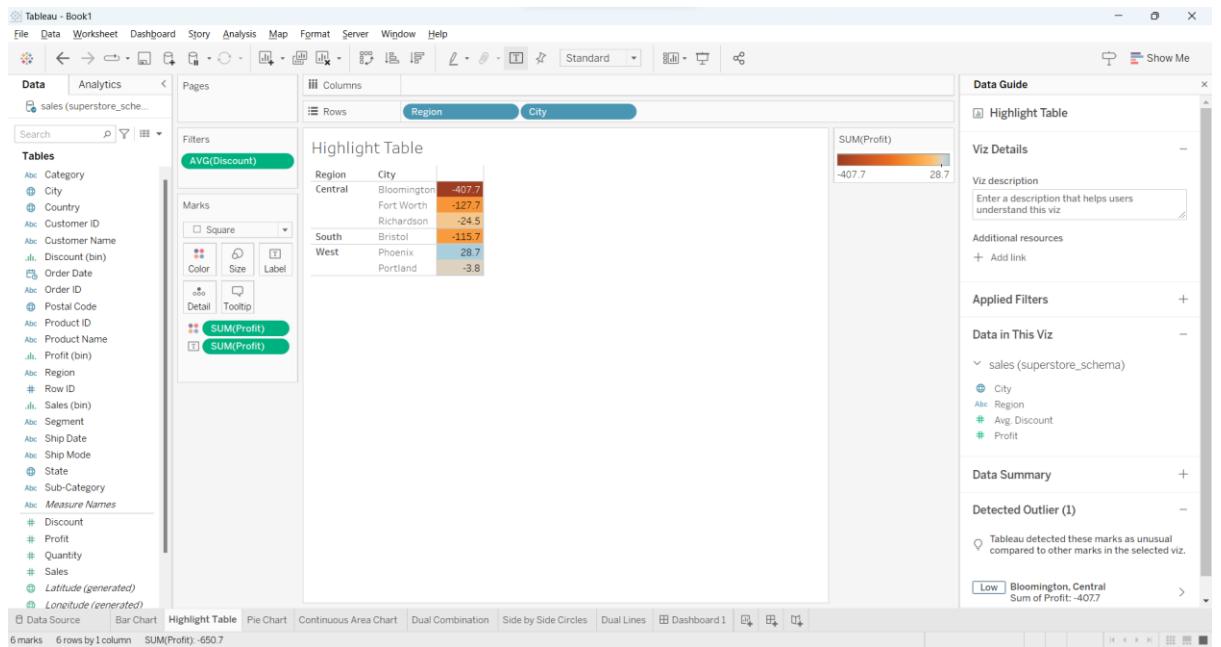
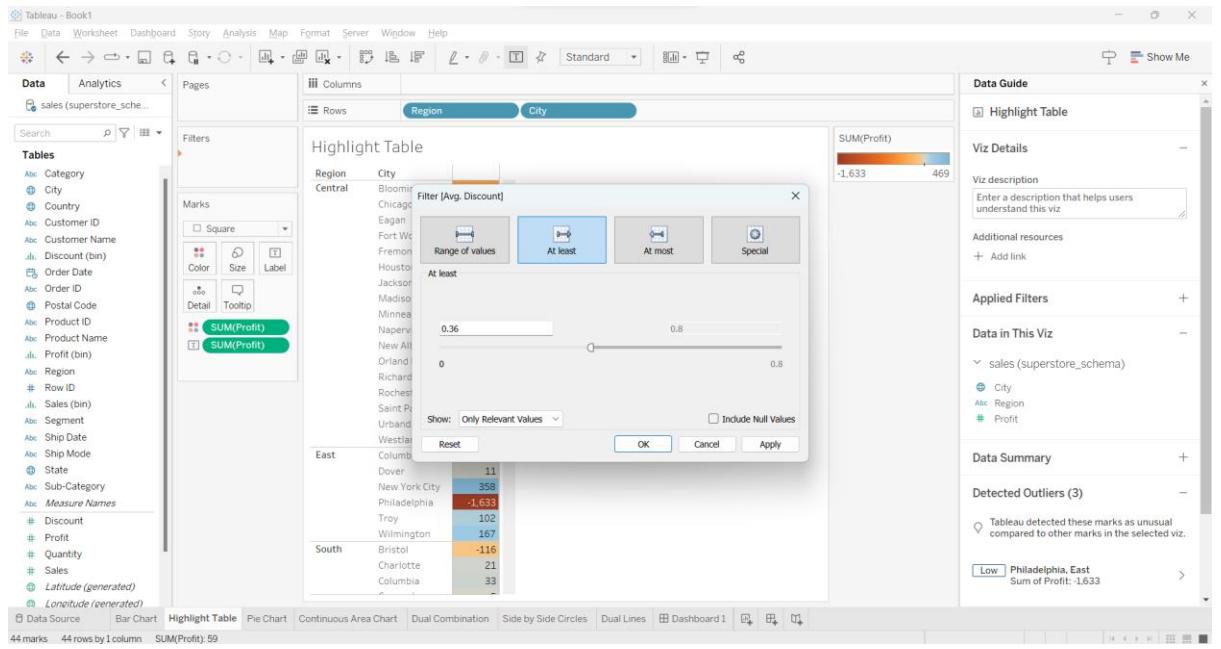
2.3.1. Visualization 1:



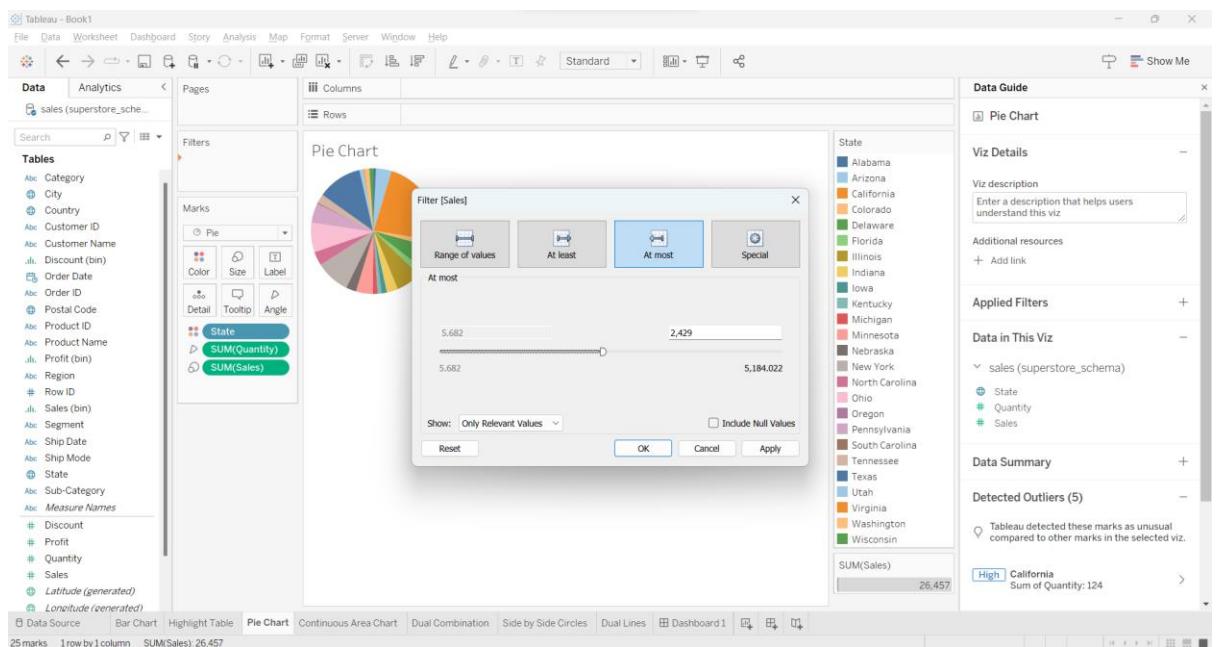
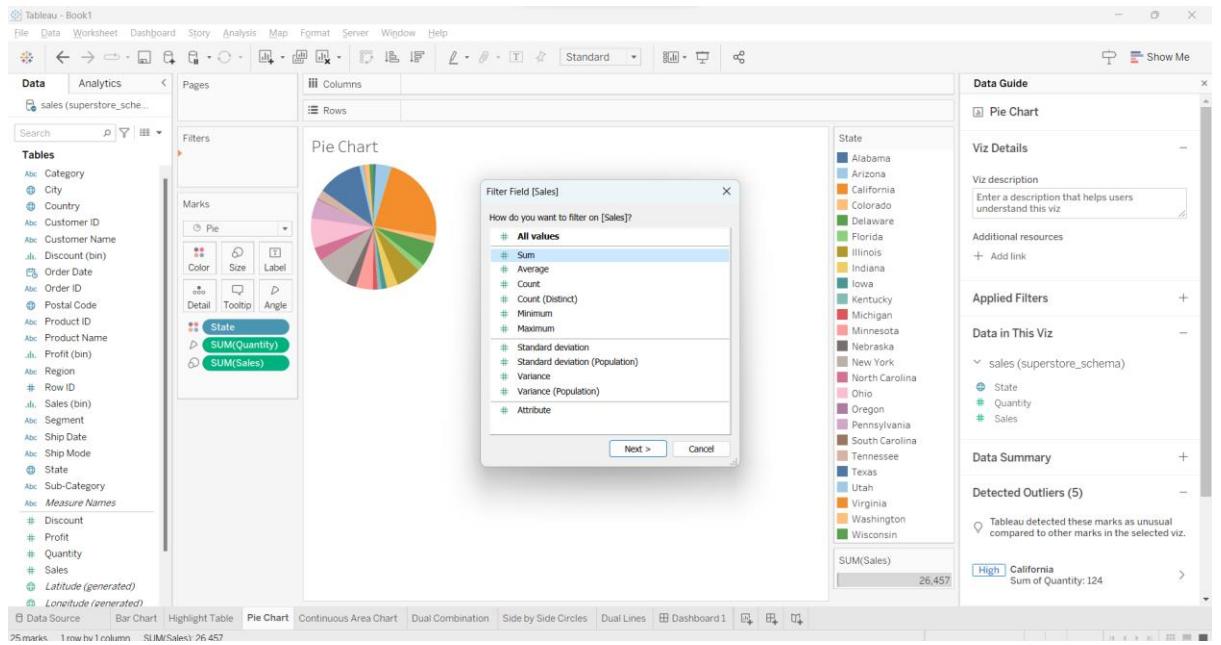


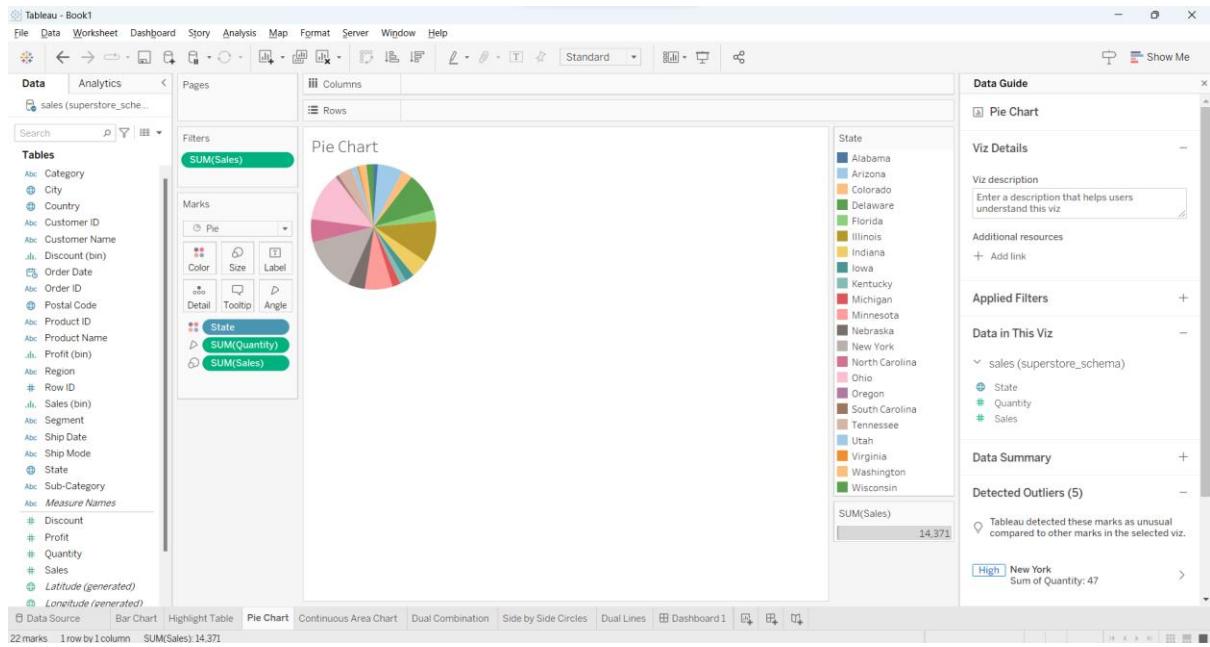
2.3.2. Visualization 2:





2.3.3. Visualization 3:

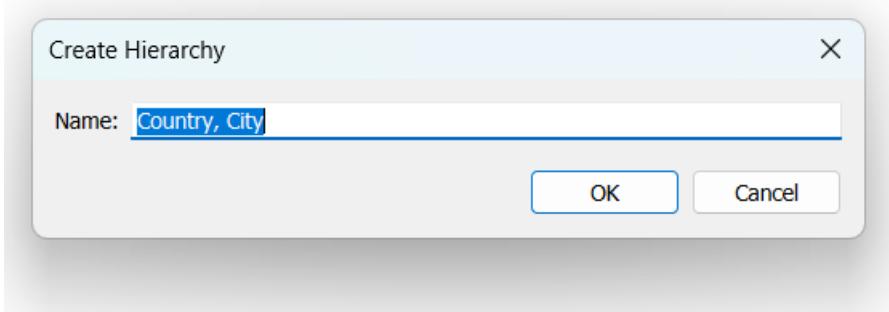




3. Perform the following data manipulations on your dataset:

- Create a Hierarchy:

By dragging one dimension over another:

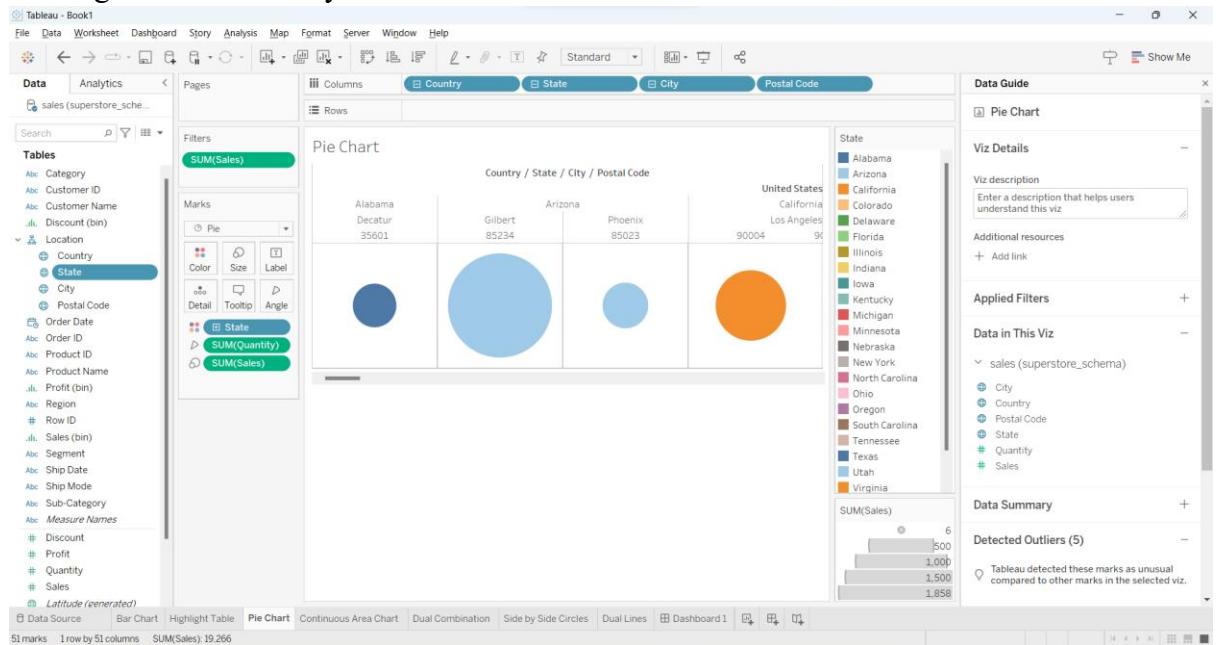


Location hierarchy:

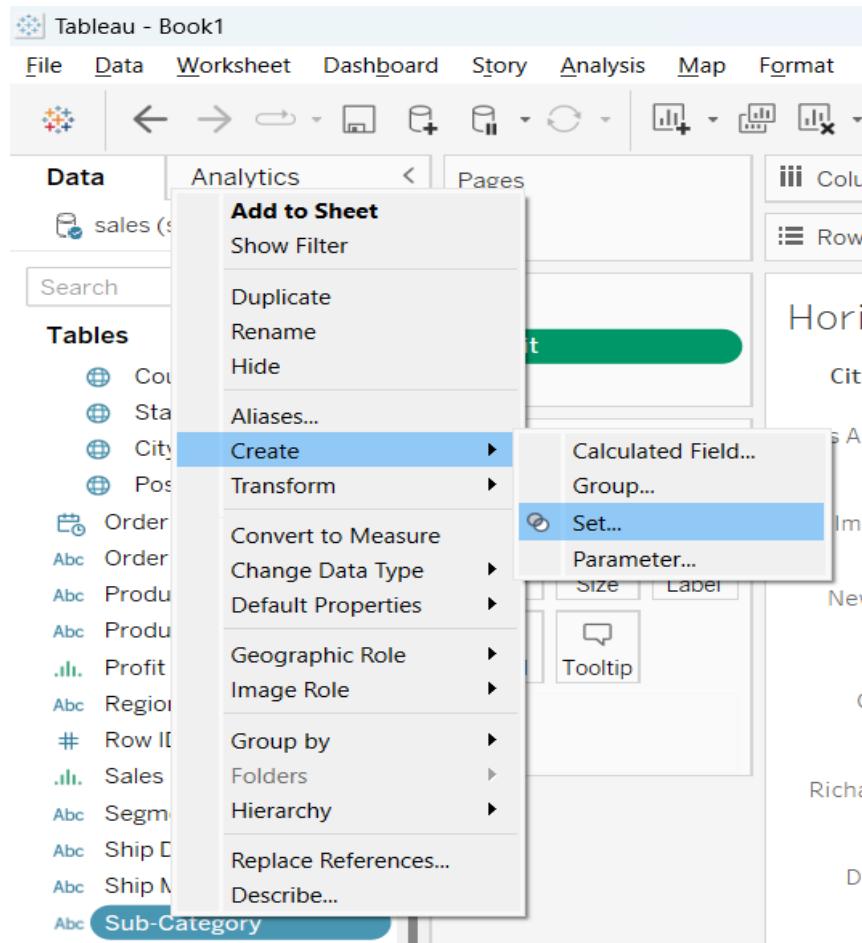
Tables

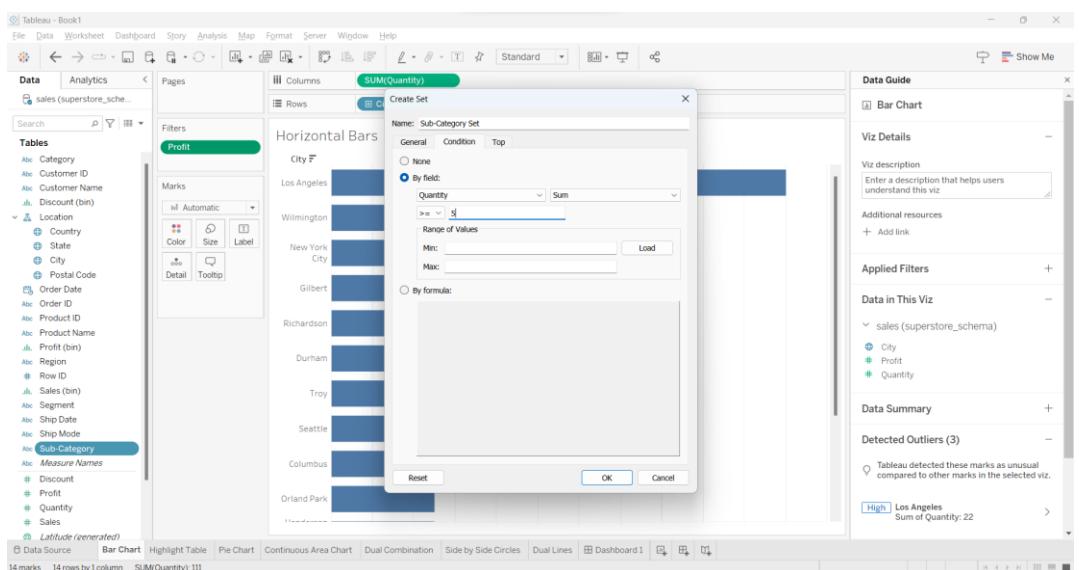
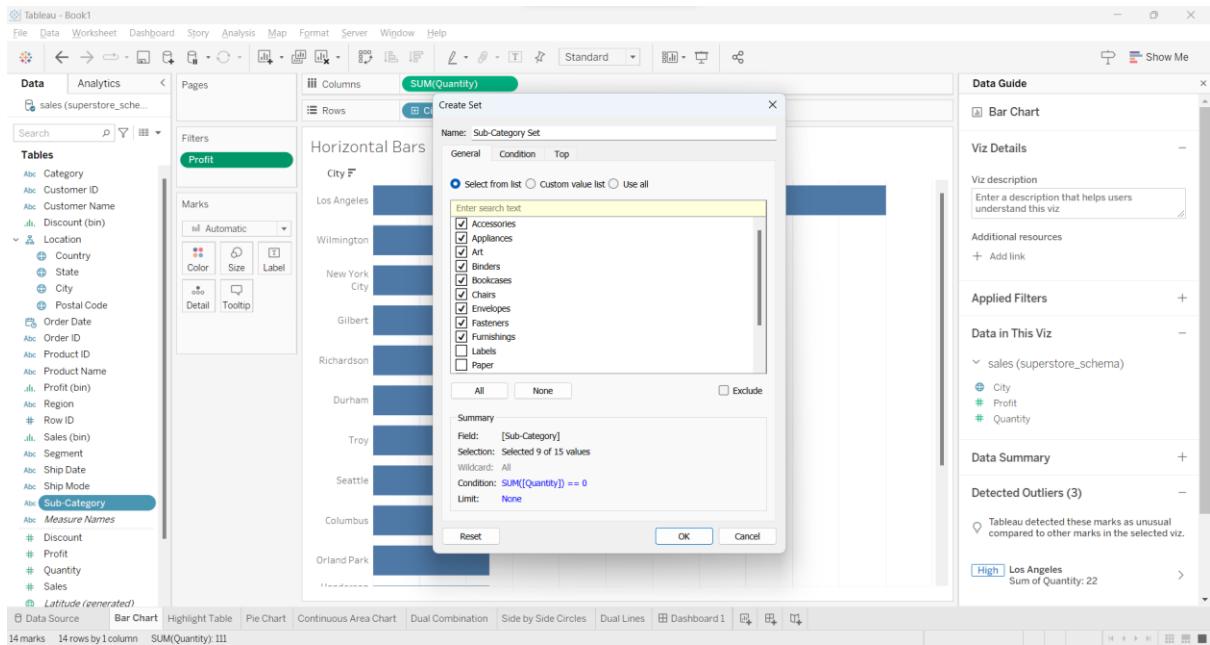
- Abc Category
- Abc Customer ID
- Abc Customer Name
- .lli. Discount (bin)
- ▼ Location
 - 🌐 Country
 - 🌐 **State**
 - 🌐 City
 - 🌐 Postal Code
- ⌚ Order Date
- Abc Order ID

Drilling down a hierarchy:



- Create a set (Fixed Set):





.III. Sales (Dini)

Abc Segment

Abc Ship Date

Abc Ship Mode

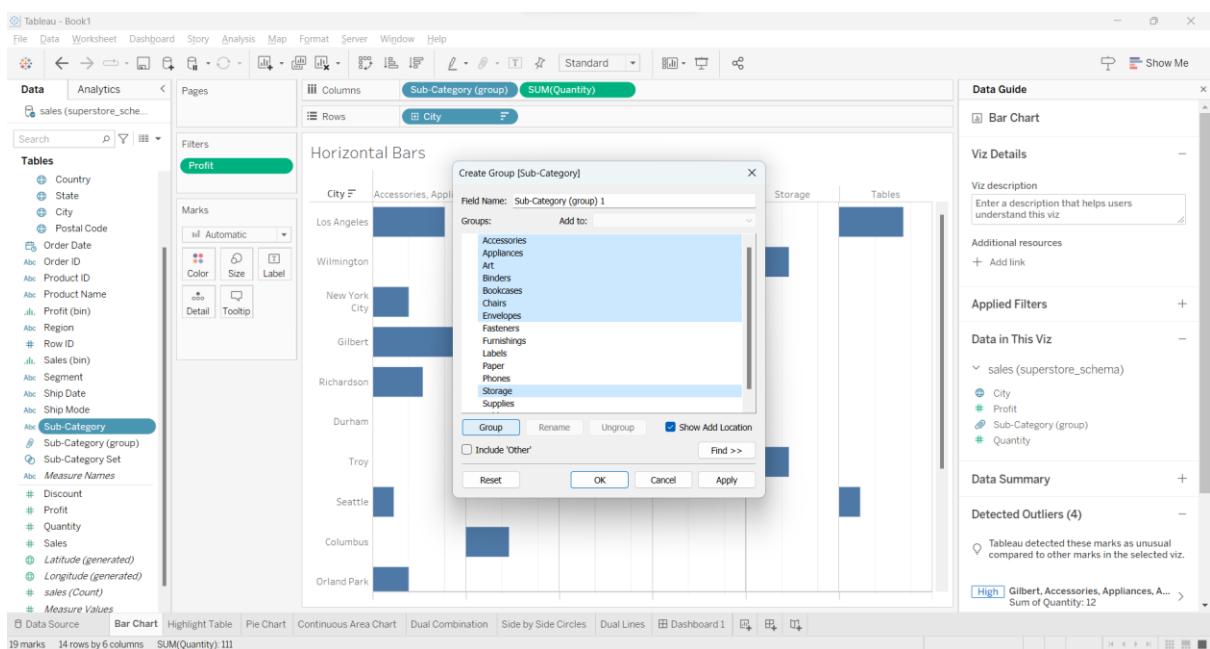
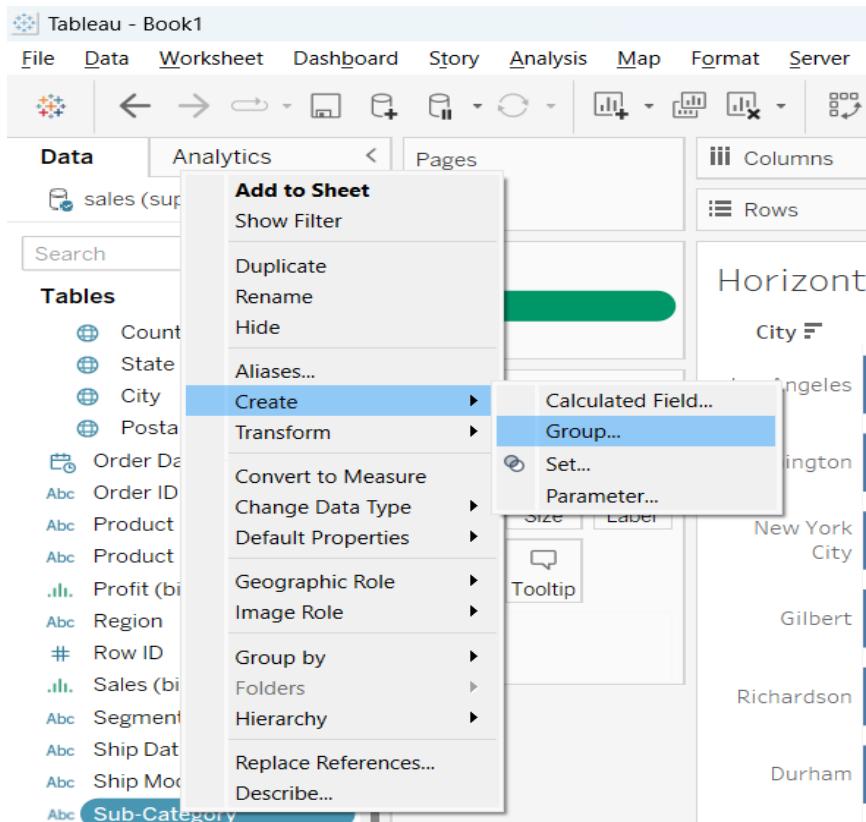
Abc Sub-Category

Sub-Category Set

Abc Measure Names

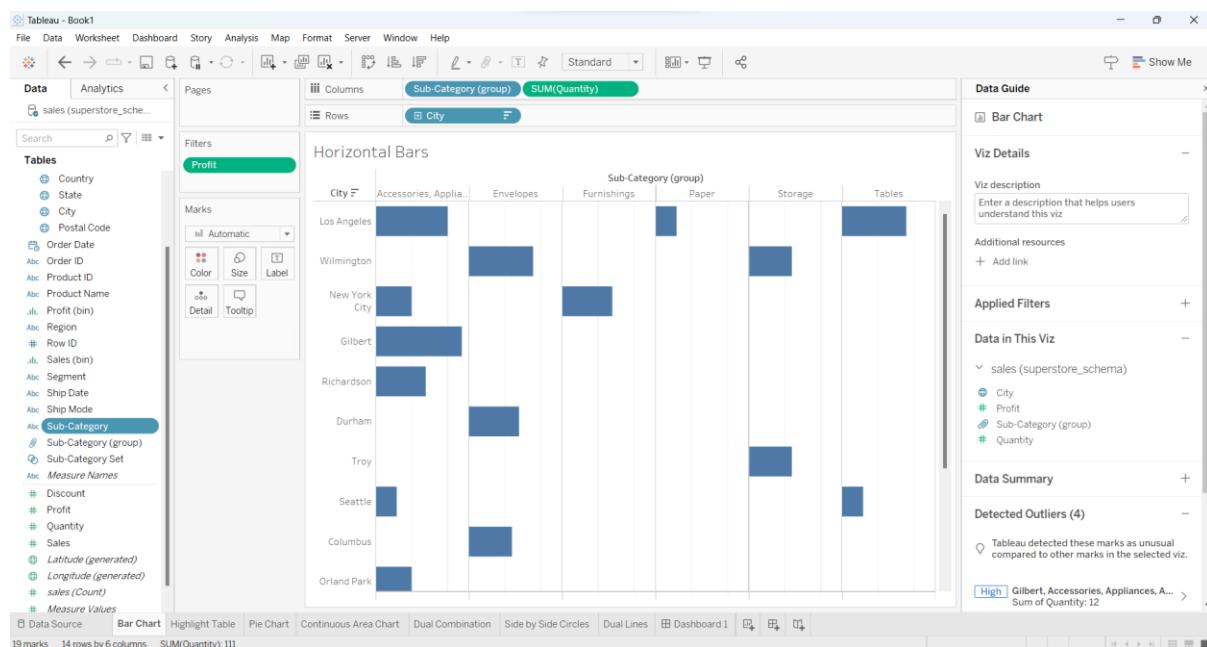
Discount

- Creating a group:



Tables

- Country
- State
- City
- Postal Code
- Order Date
- Order ID
- Product ID
- Product Name
- Profit (bin)
- Region
- # Row ID
- Sales (bin)
- Segment
- Ship Date
- Ship Mode
- Sub-Category
- Sub-Category (group)



Google Drive Link for both Assignments' files:

Assignment 1:

<https://drive.google.com/file/d/1QZD30c2O1tWfKFpQX4jFKnTLpOR8W6Tw/view?usp=sharing>

Assignment 2:

<https://drive.google.com/file/d/1LRO3sAQO79W7CGcWMjH7U5buq4nYxDFv/view?usp=sharing>

