

Assignment-2

Name: P.V.S. HARSHITH

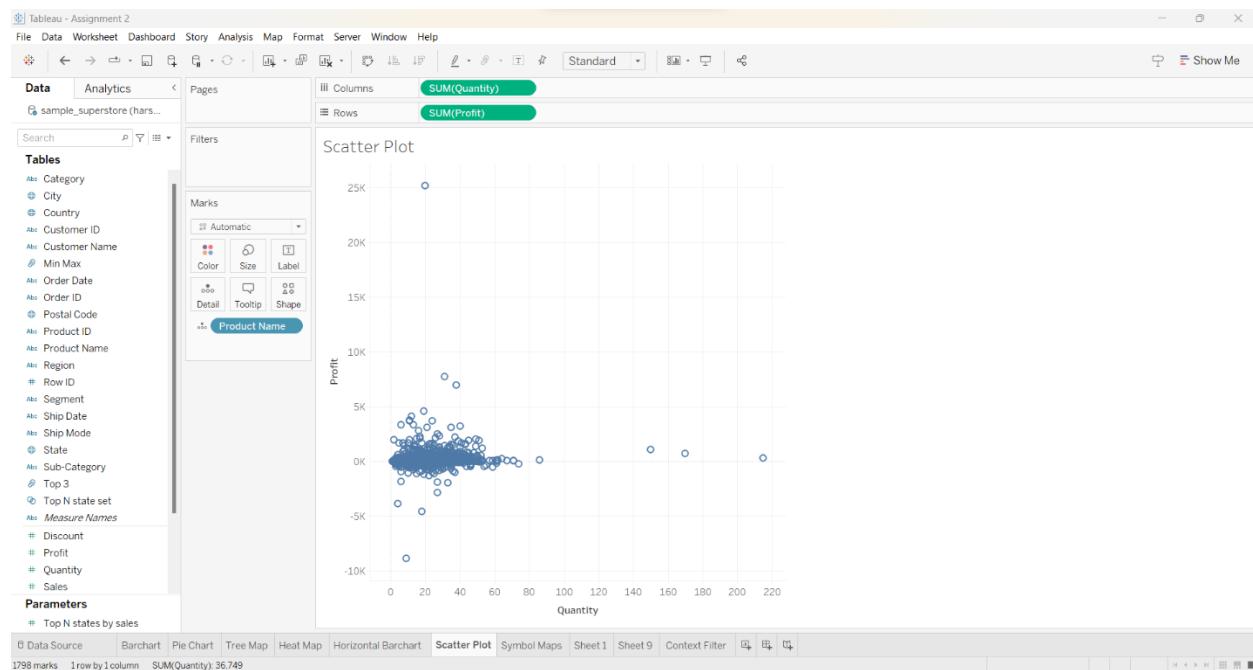
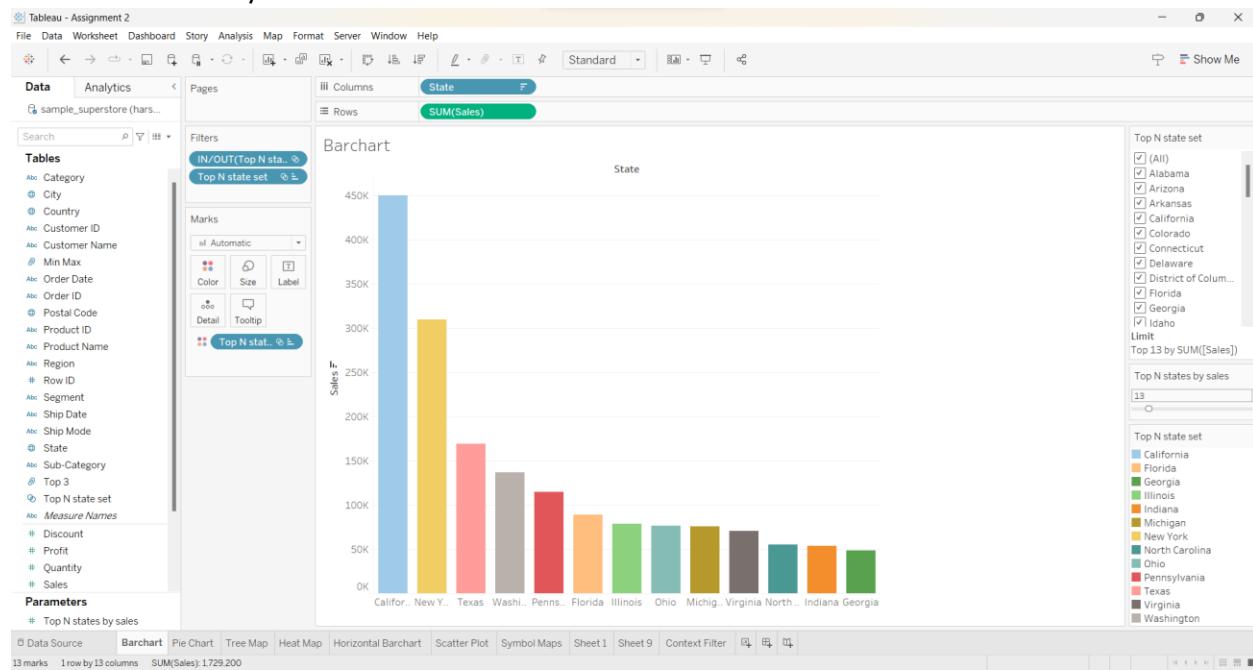
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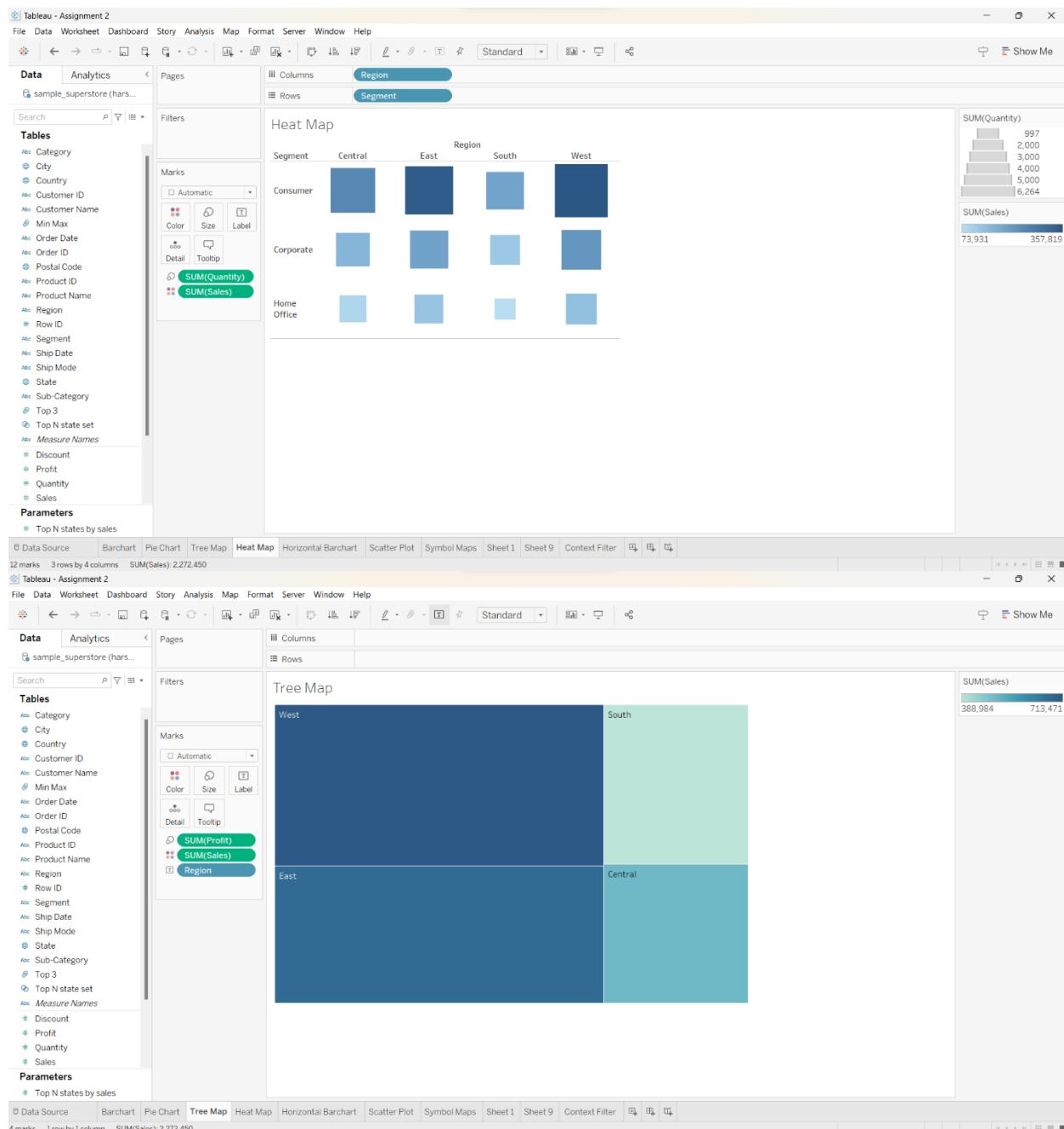
- 1) Create any 7 data visualizations/charts and perform the following
- 2) Apply dimension filter, context and measure filter on any of the three visualizations
- 3) Perform the following data manipulations on your dataset
 - create a Hierarchy
 - create a set
 - create a group

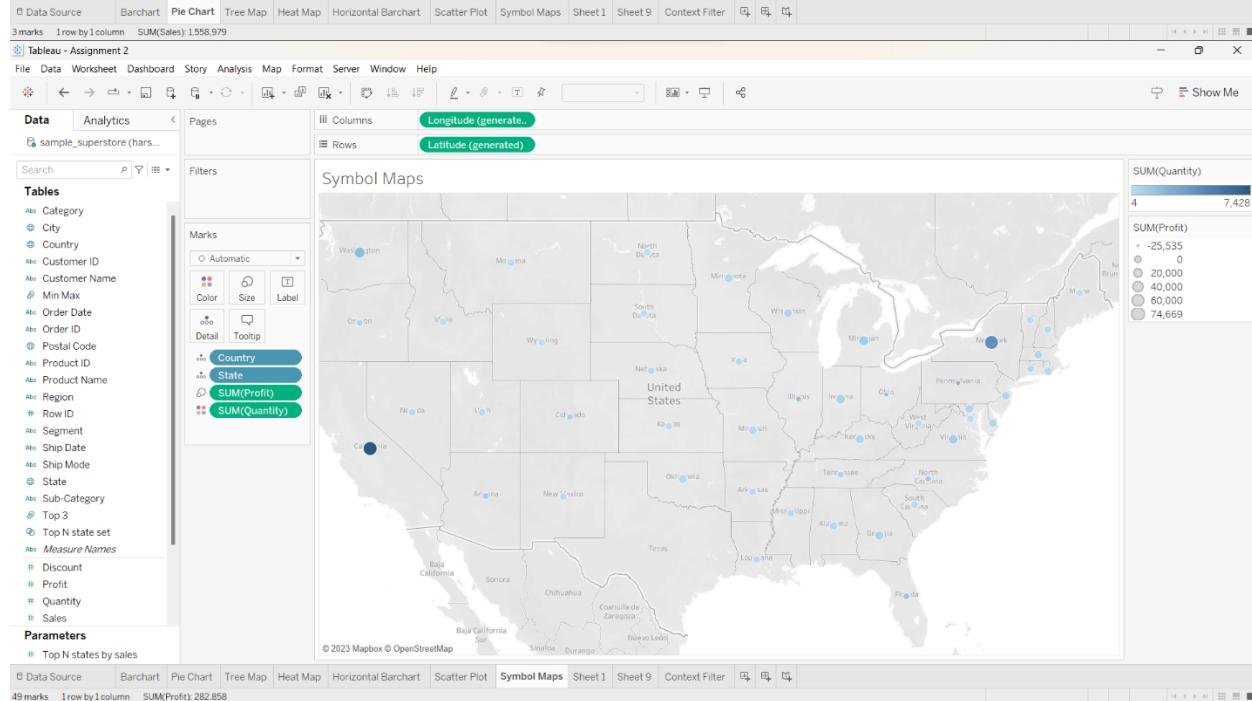
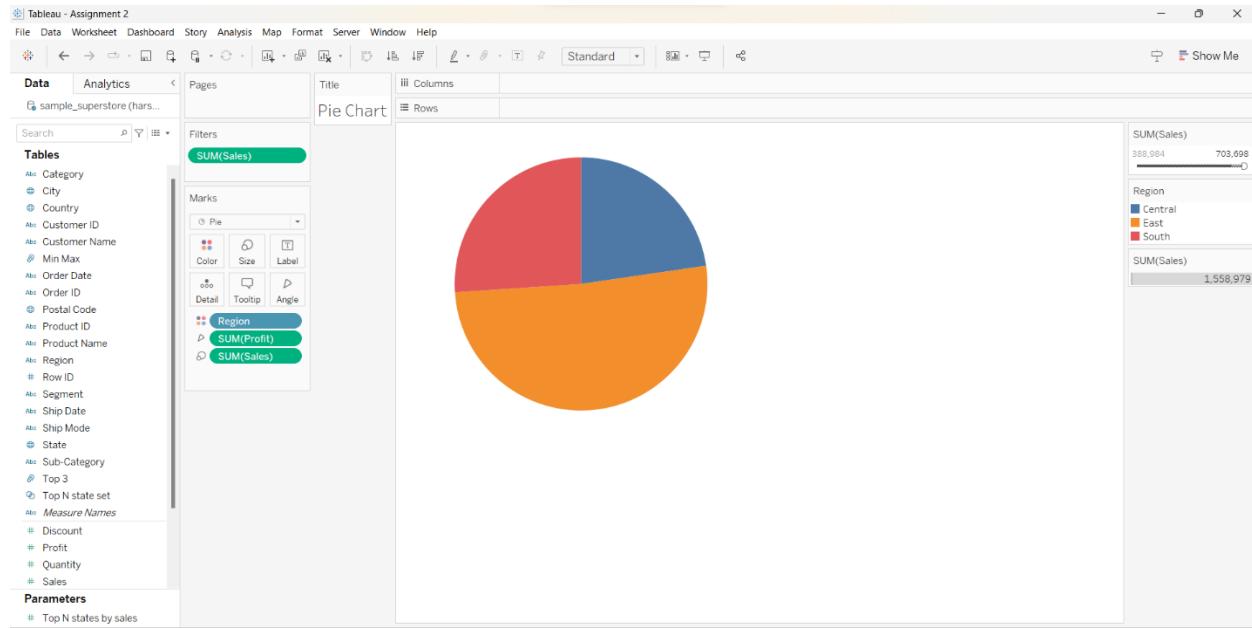
Note : Use 'superstore-sales' dataset

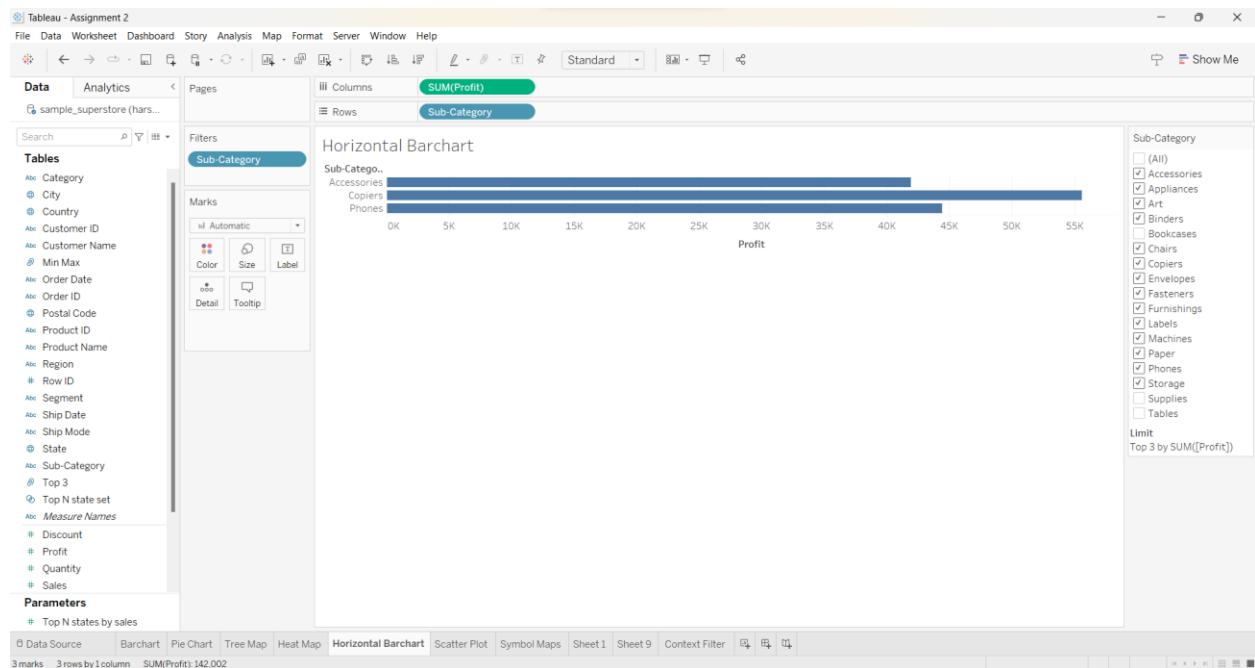
Apply dimension filter,context and measure filter on any of the three visualizations

data visualizations/charts:

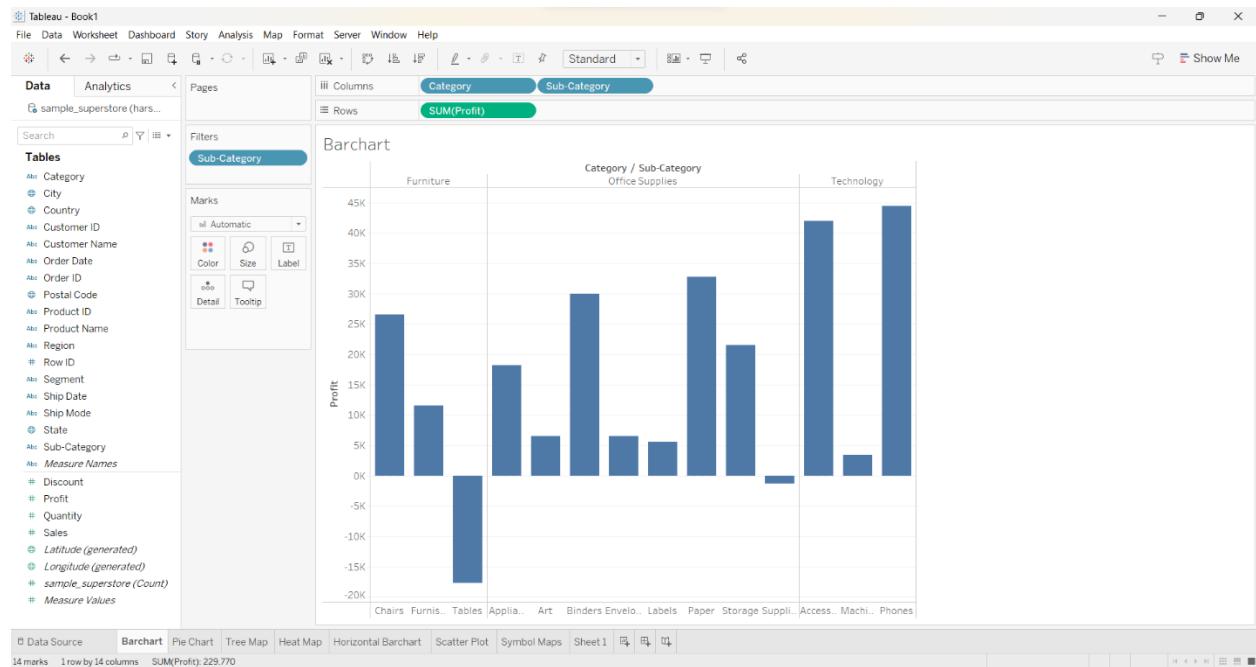
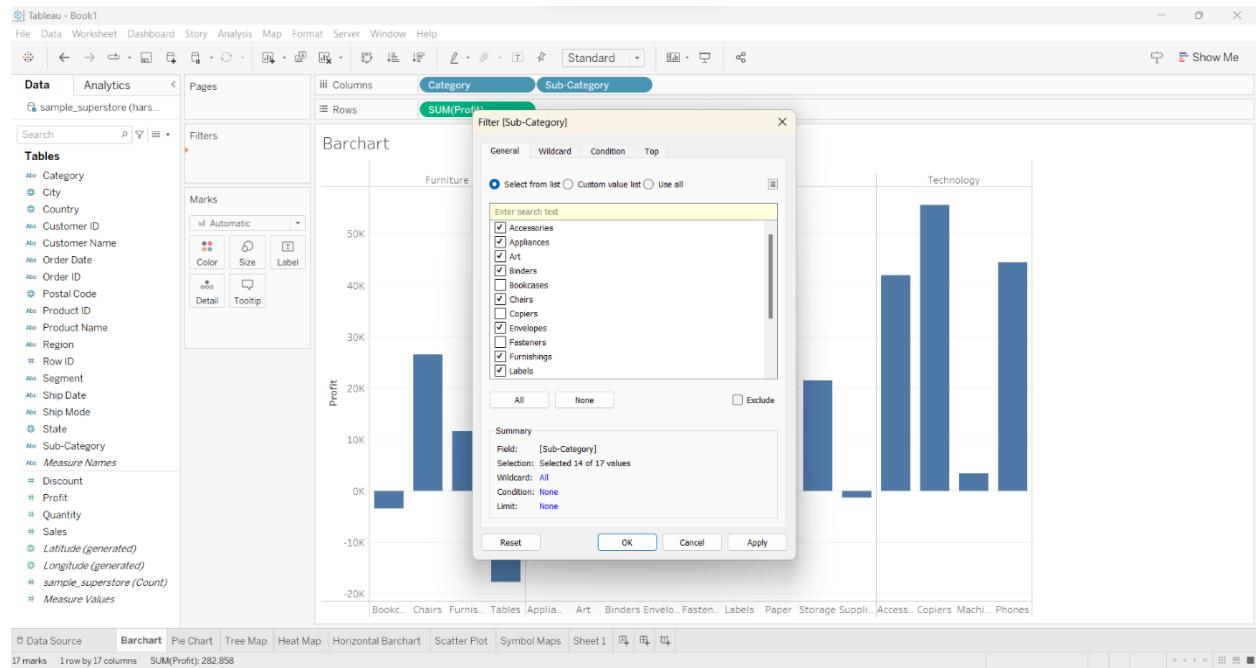


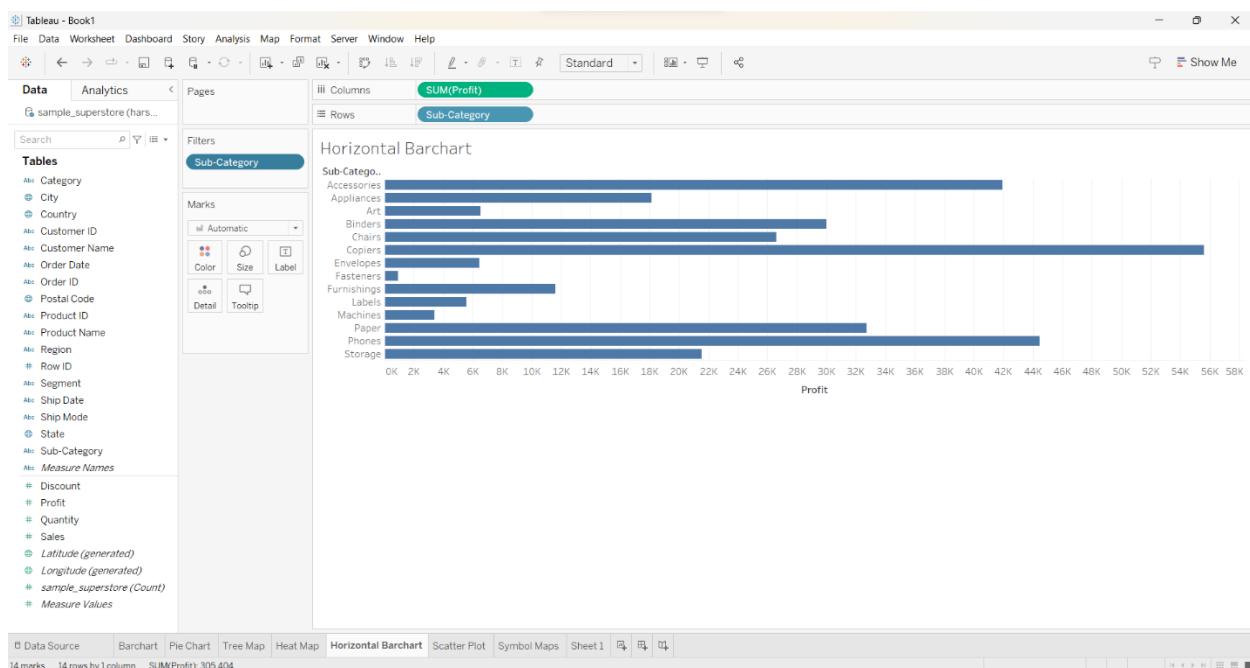
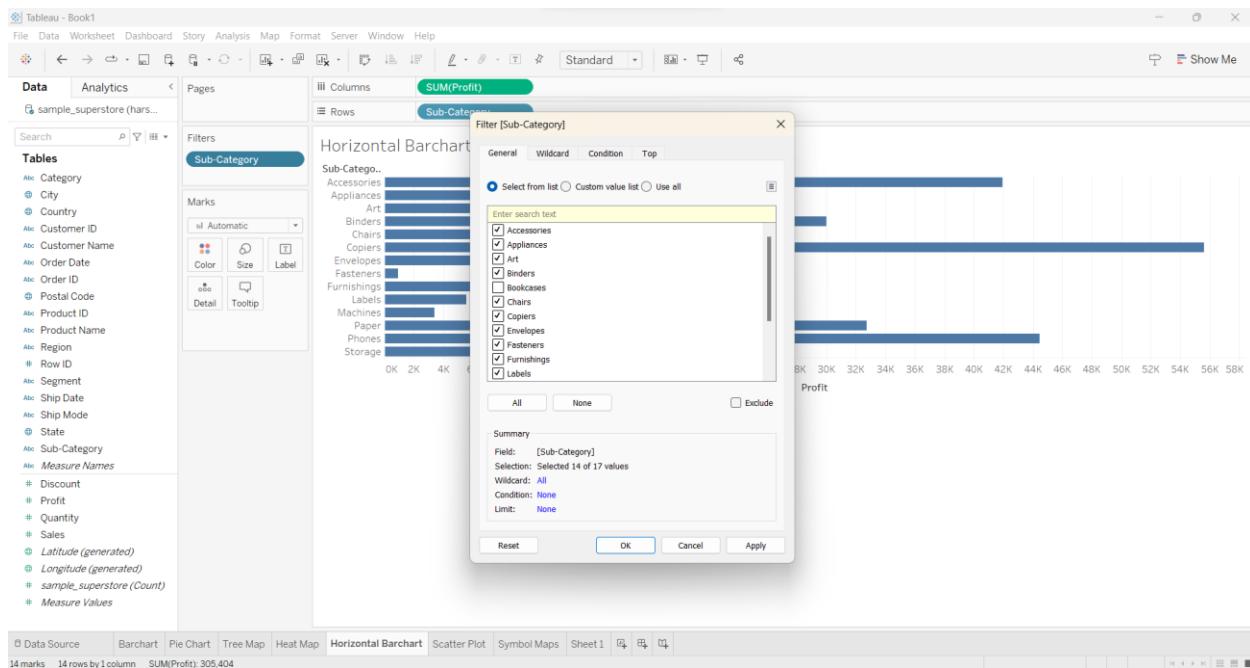


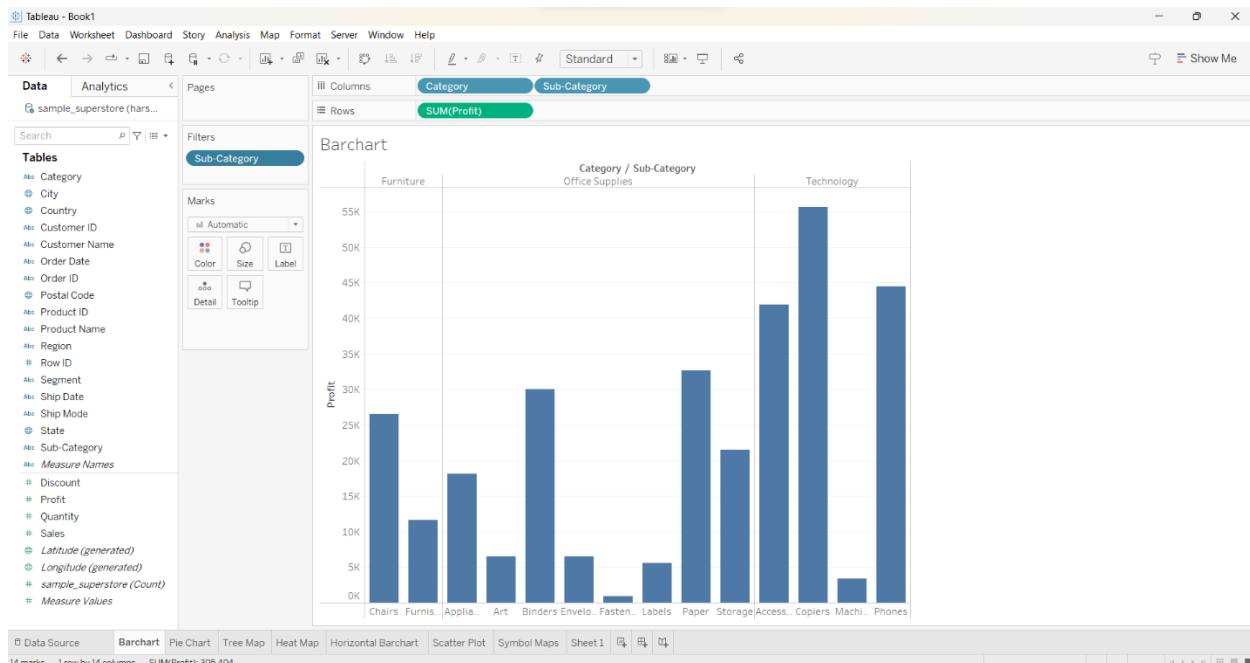
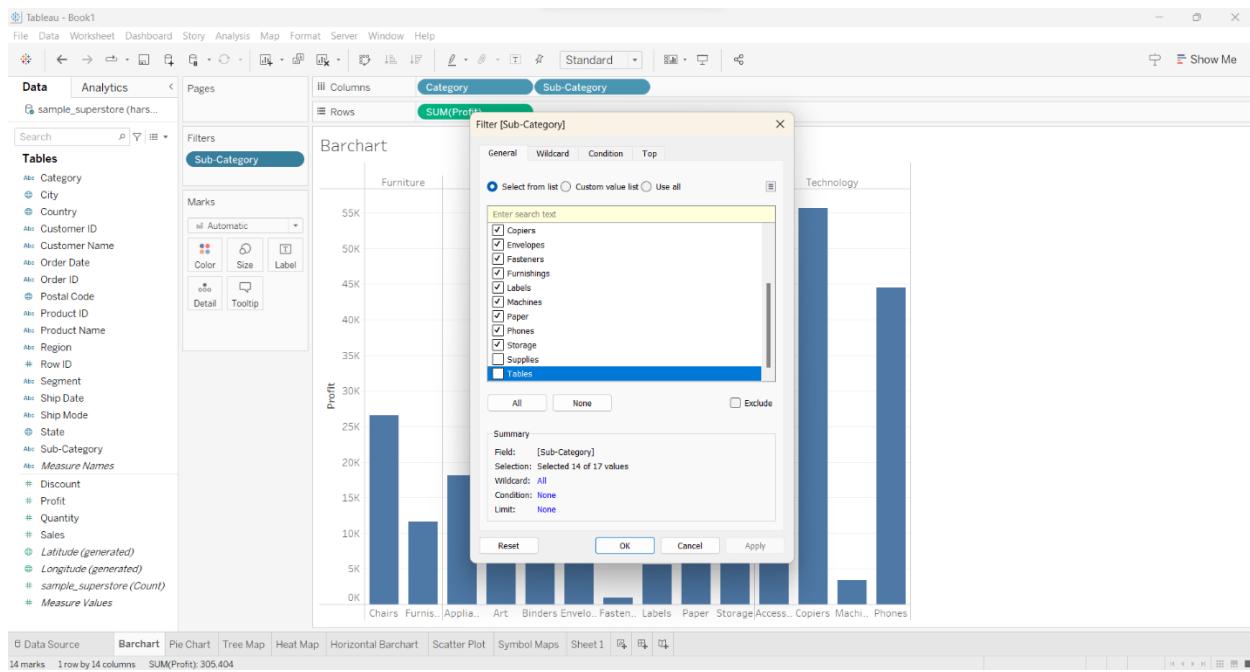




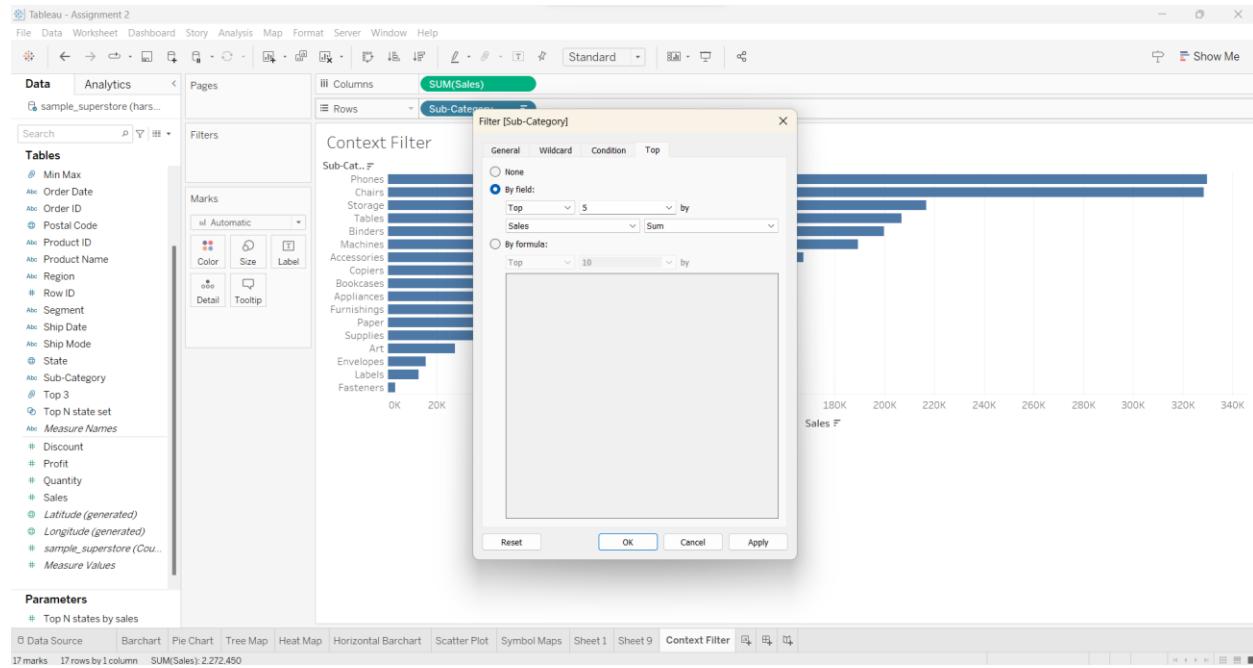
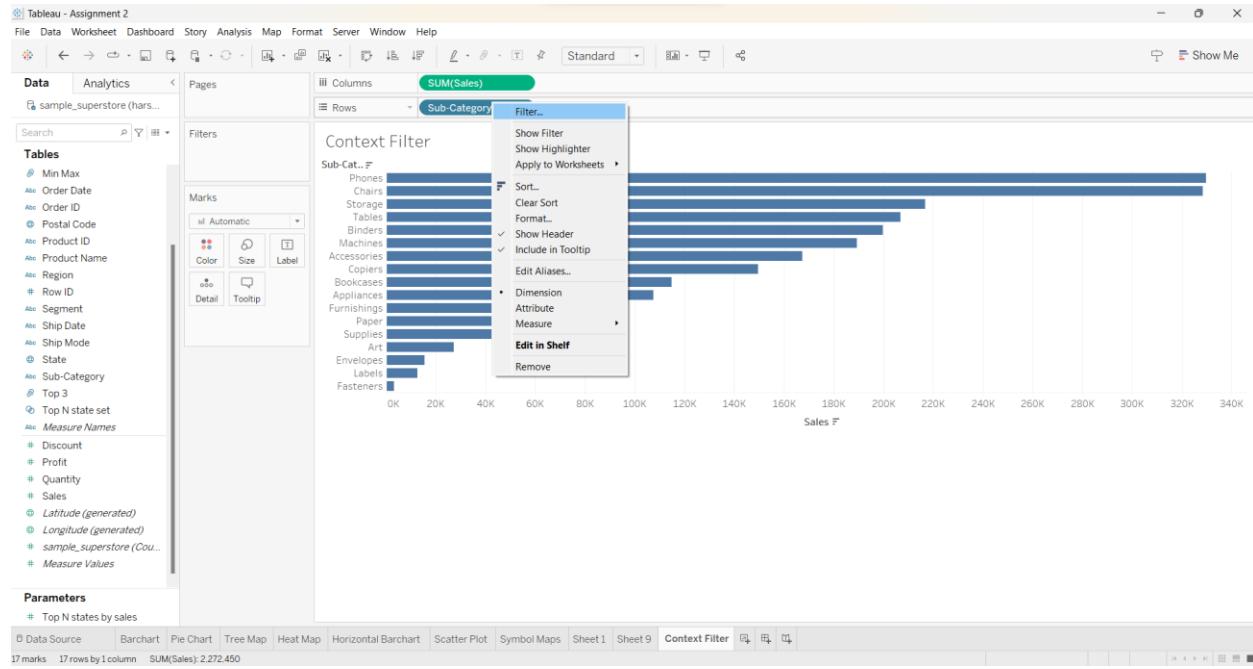
Dimension filter:

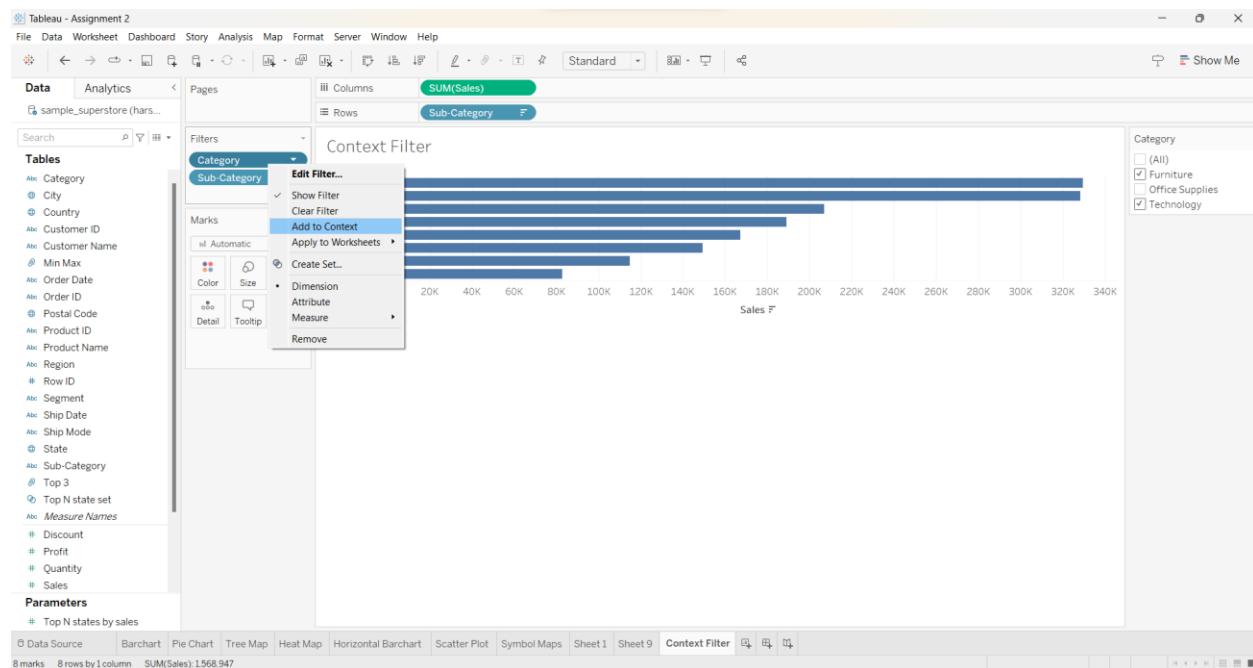
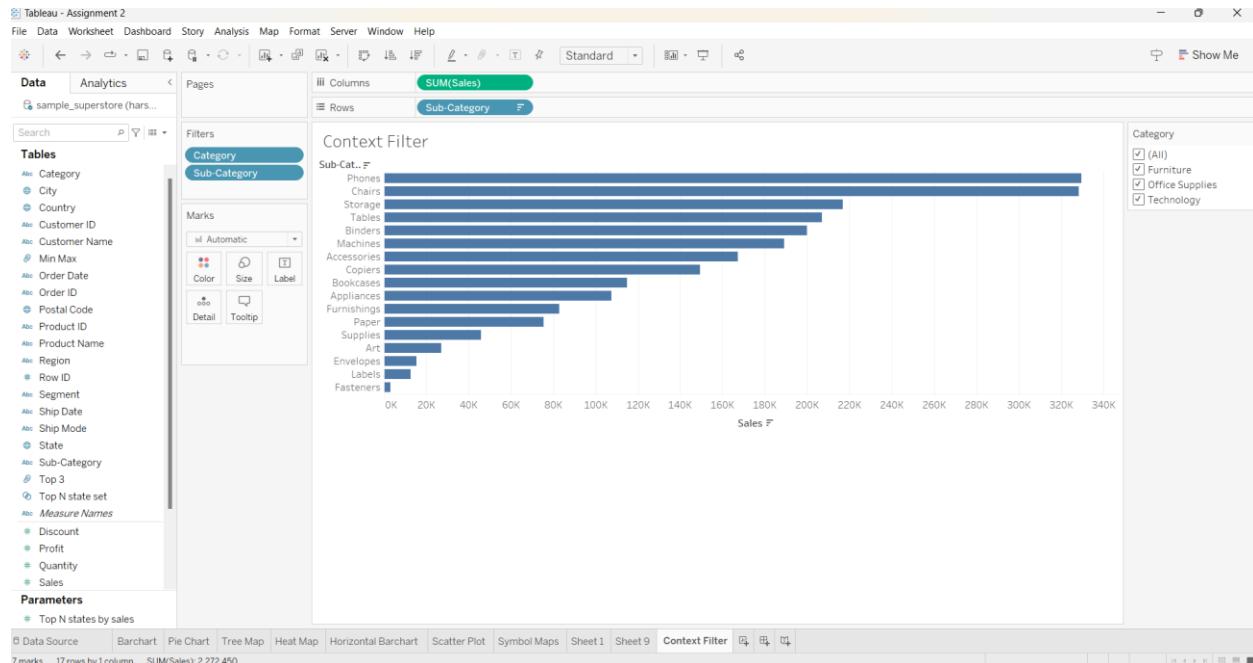


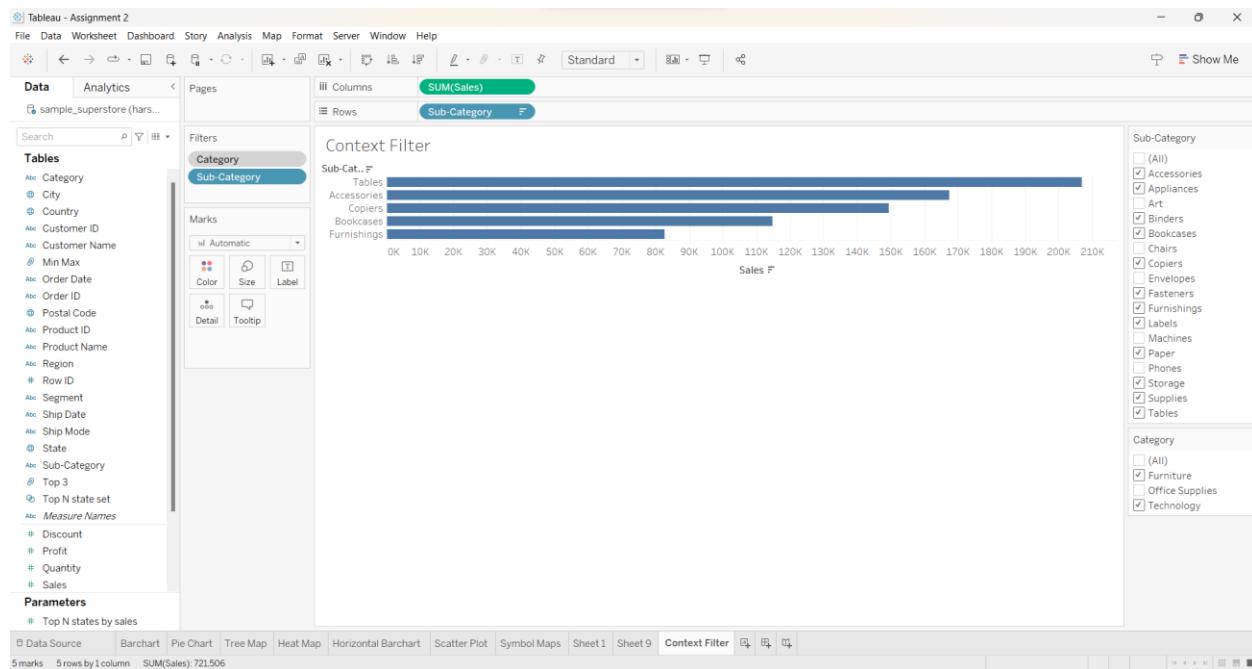
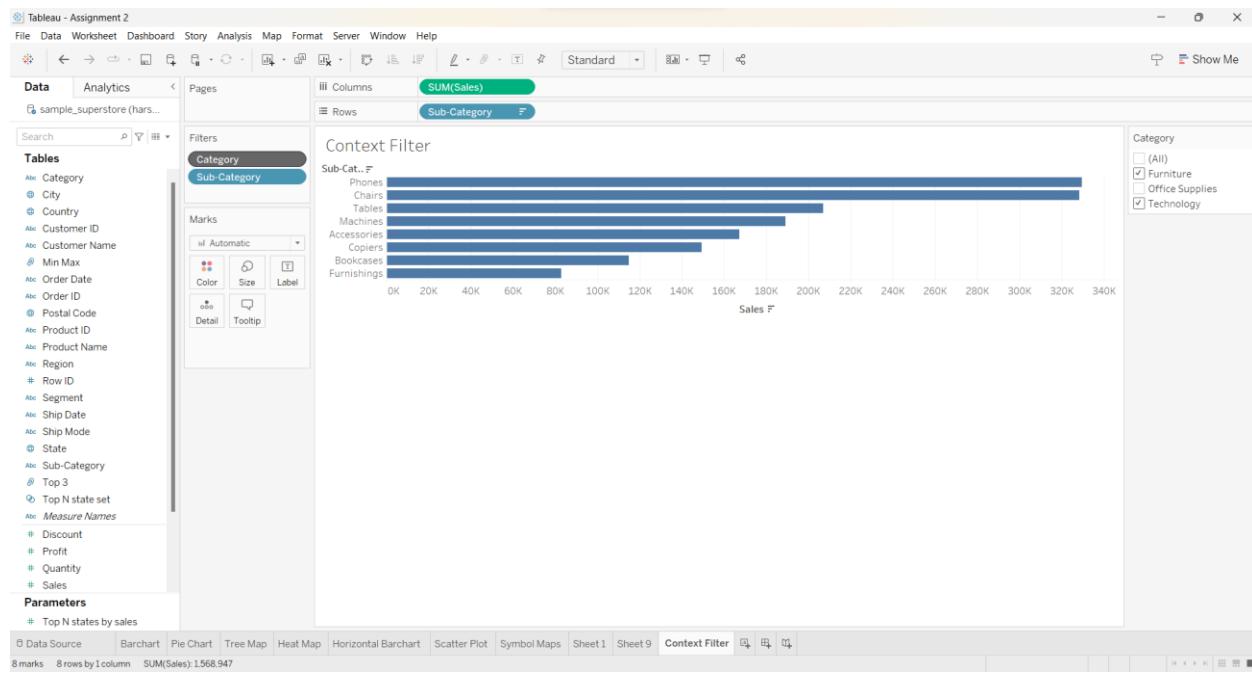




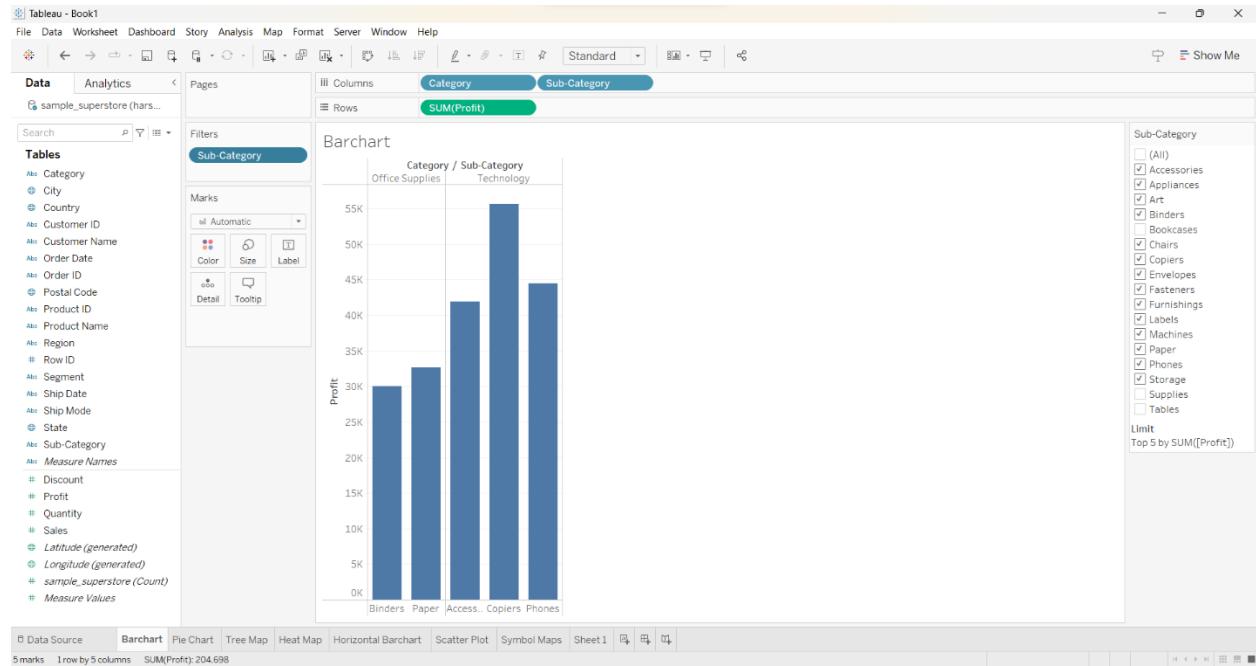
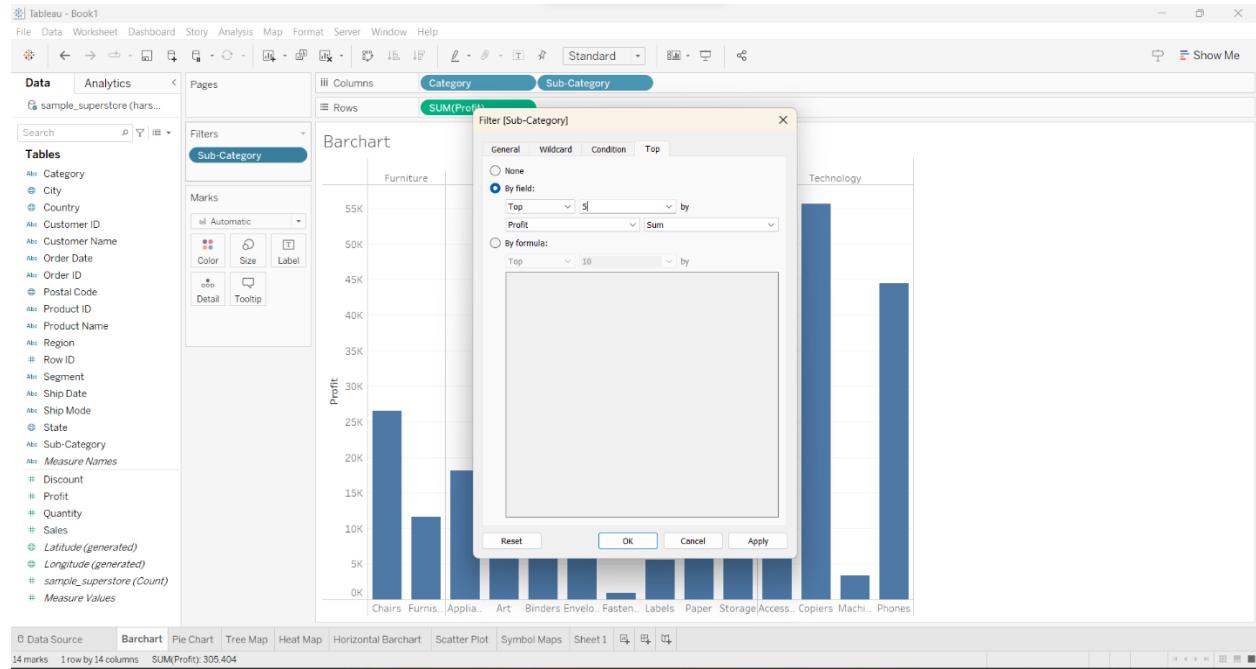
Context Filter:

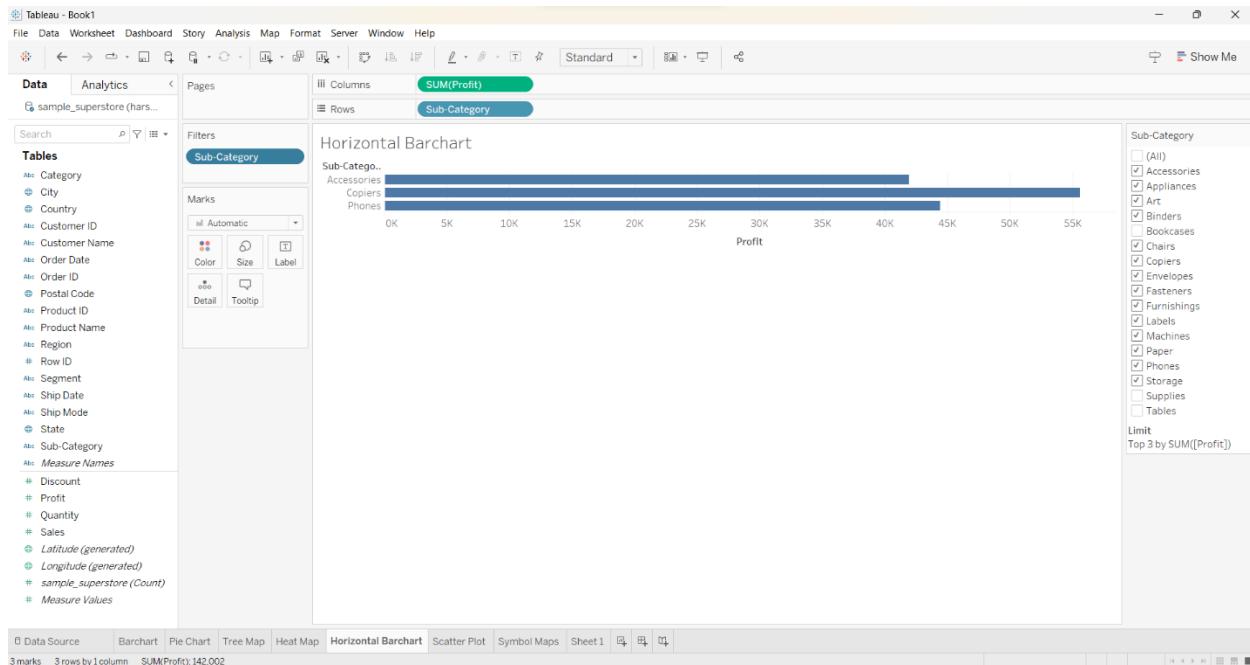
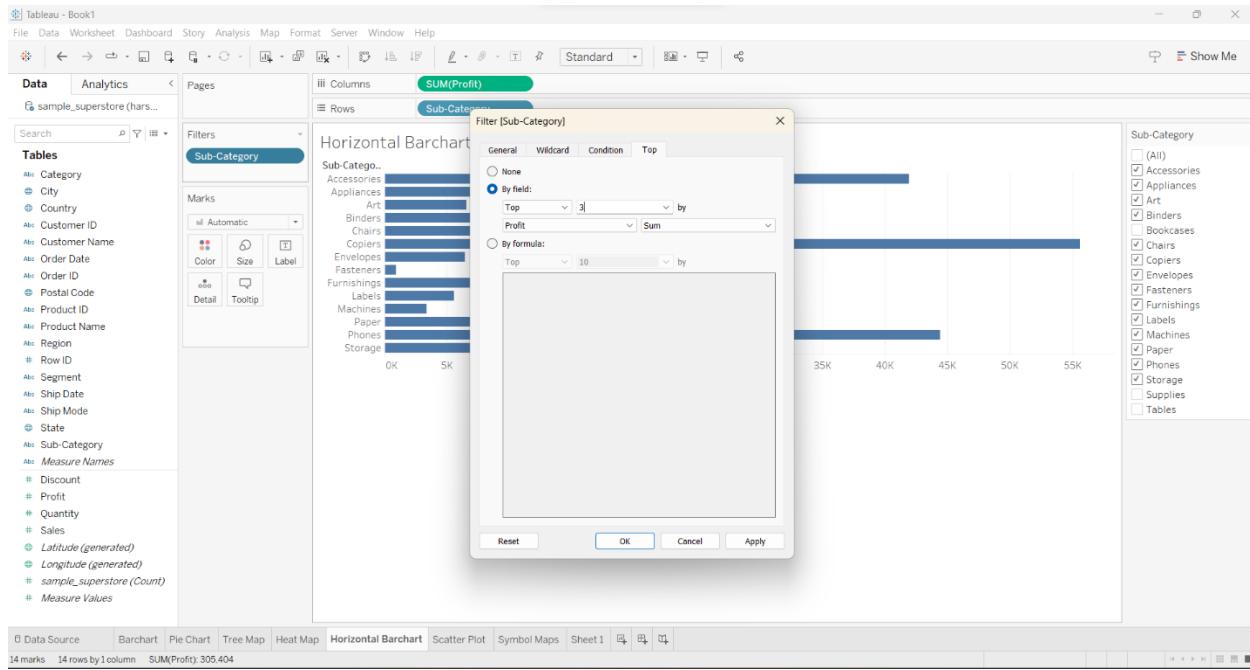


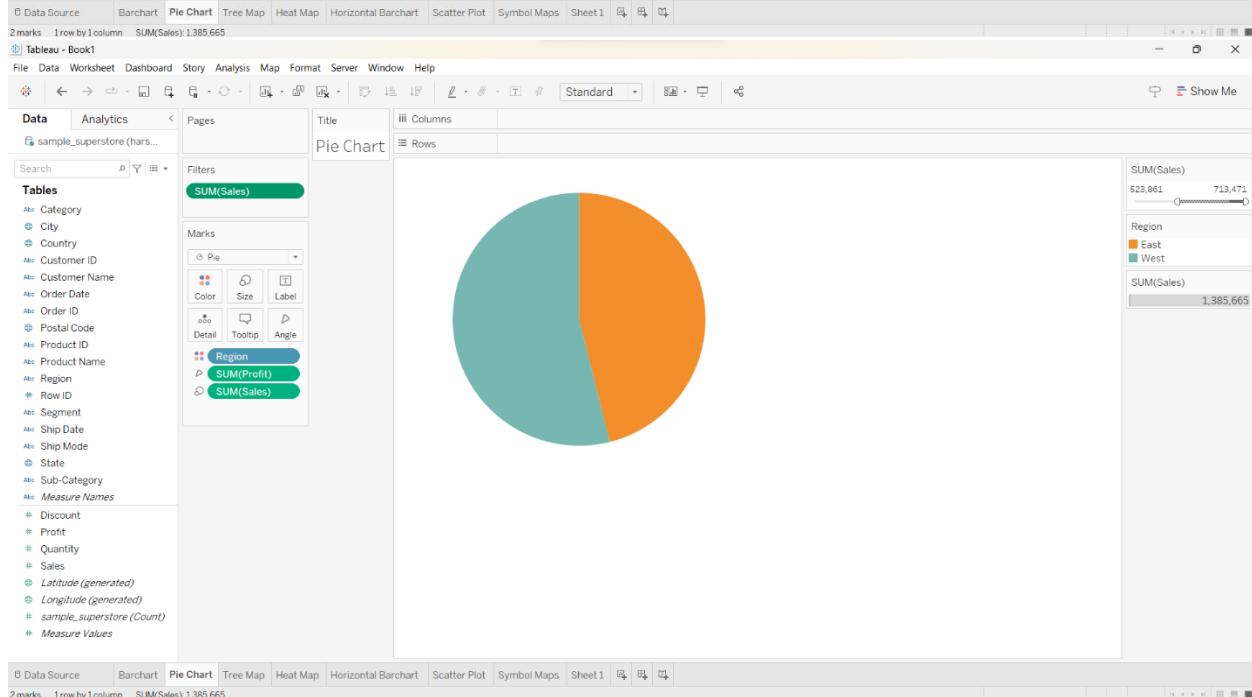
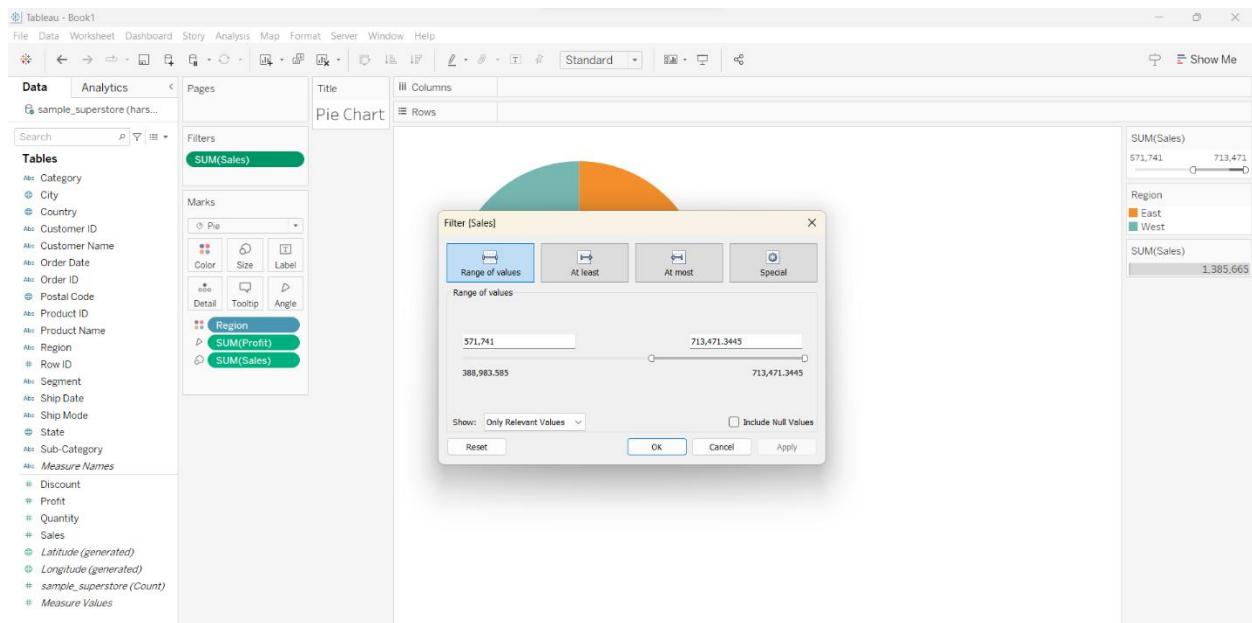


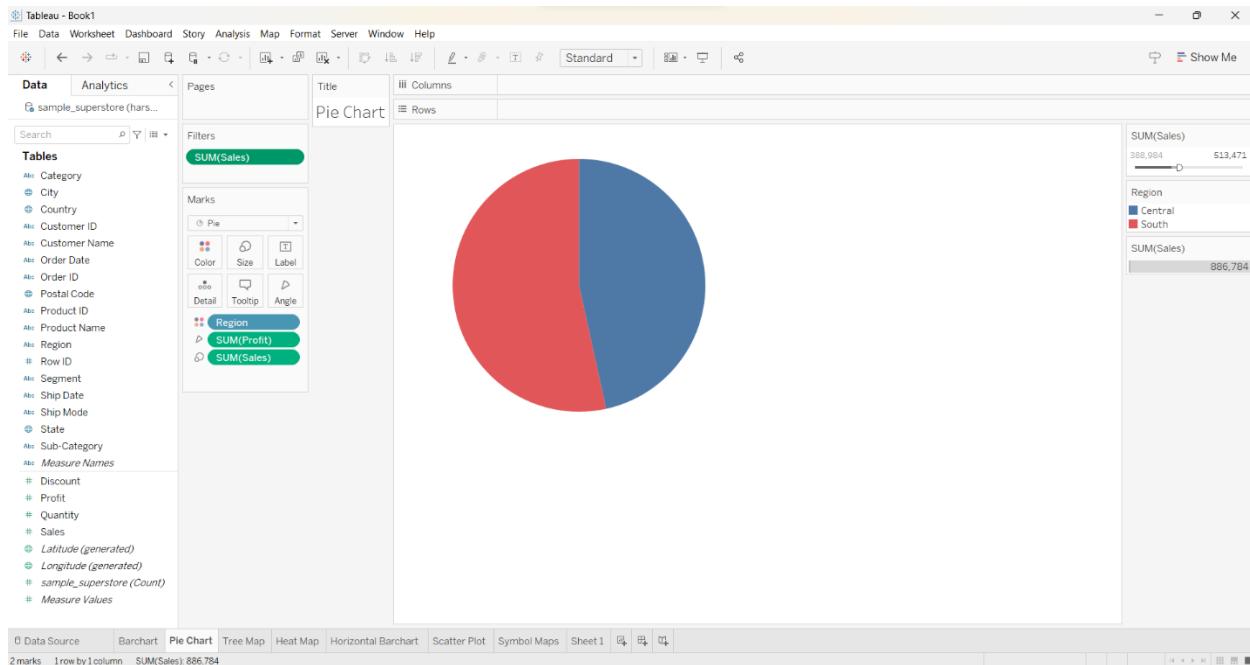
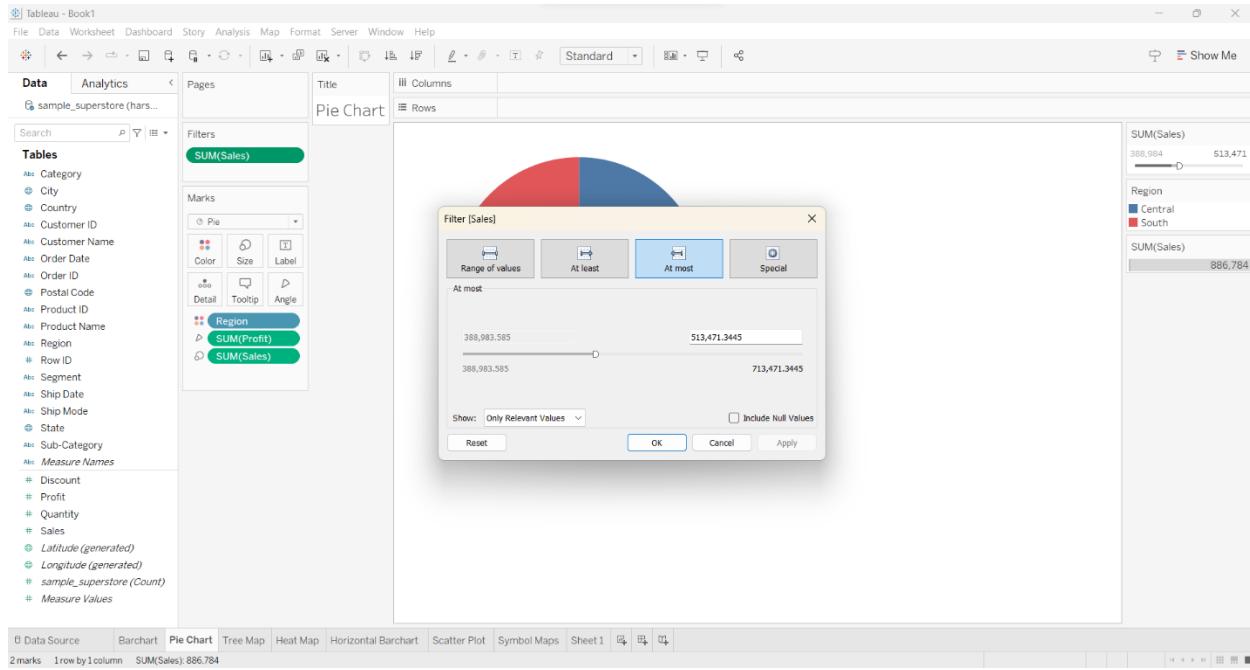


measure filter:









create a Hierarchy

The screenshot shows the Tableau interface with the 'Create Hierarchy' dialog box open. The dialog box has a 'Name:' field containing 'Country_State'. Below the name field are 'OK' and 'Cancel' buttons. The background shows the Tableau workspace with the 'sample_superstore' data source loaded. The 'Tables' shelf on the left lists various dimensions and measures, including 'Category', 'City', 'Country', 'Customer ID', 'Customer Name', 'Order Date', 'Order ID', 'Postal Code', 'Product ID', 'Product Name', 'Region', 'Row ID', 'Segment', 'Ship Date', 'Ship Mode', 'State', 'Sub-Category', 'Measure Names', 'Discount', 'Profit', 'Quantity', 'Sales', 'Latitude (generated)', 'Longitude (generated)', 'sample_superstore (Count)', and 'Measure Values'. The 'Marks' card is visible in the center, and the 'Sheet 1' canvas is on the right.

The screenshot shows the Tableau interface after the hierarchy 'Country.State' has been created. The 'Tables' shelf on the left now includes a new entry, 'Country.State', which is expanded to show its components: 'Country' and 'State'. The other dimensions and measures listed earlier are still present. The 'Marks' card and the 'Sheet 1' canvas are also visible in the background.

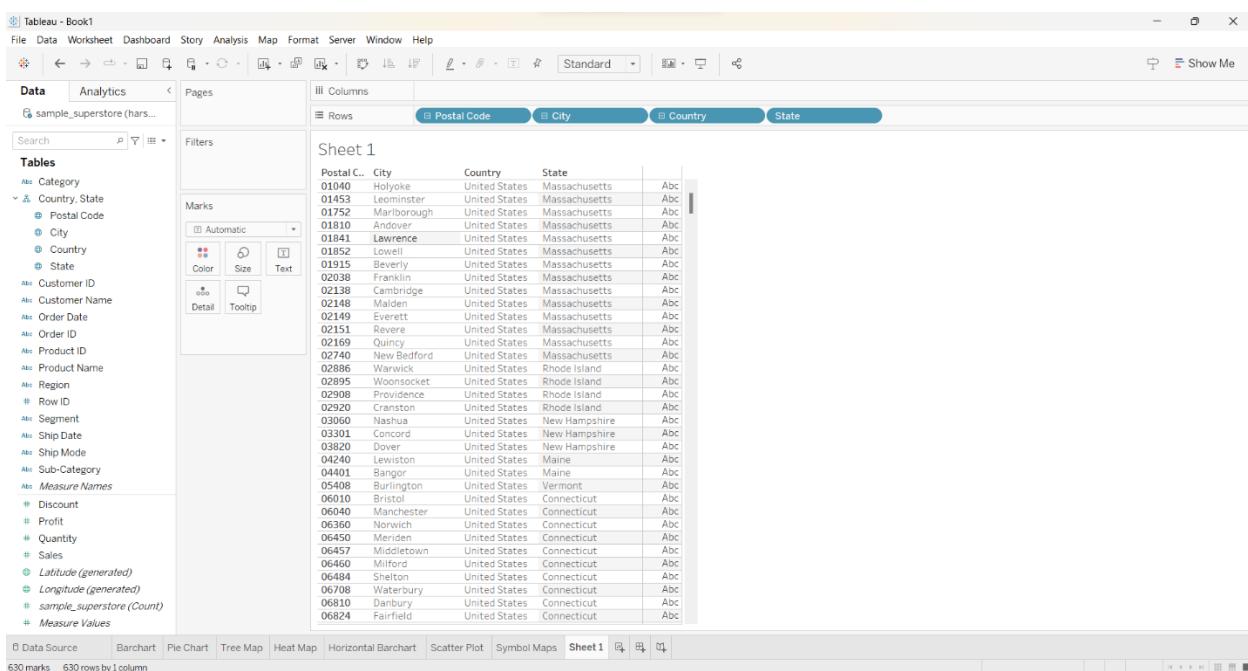
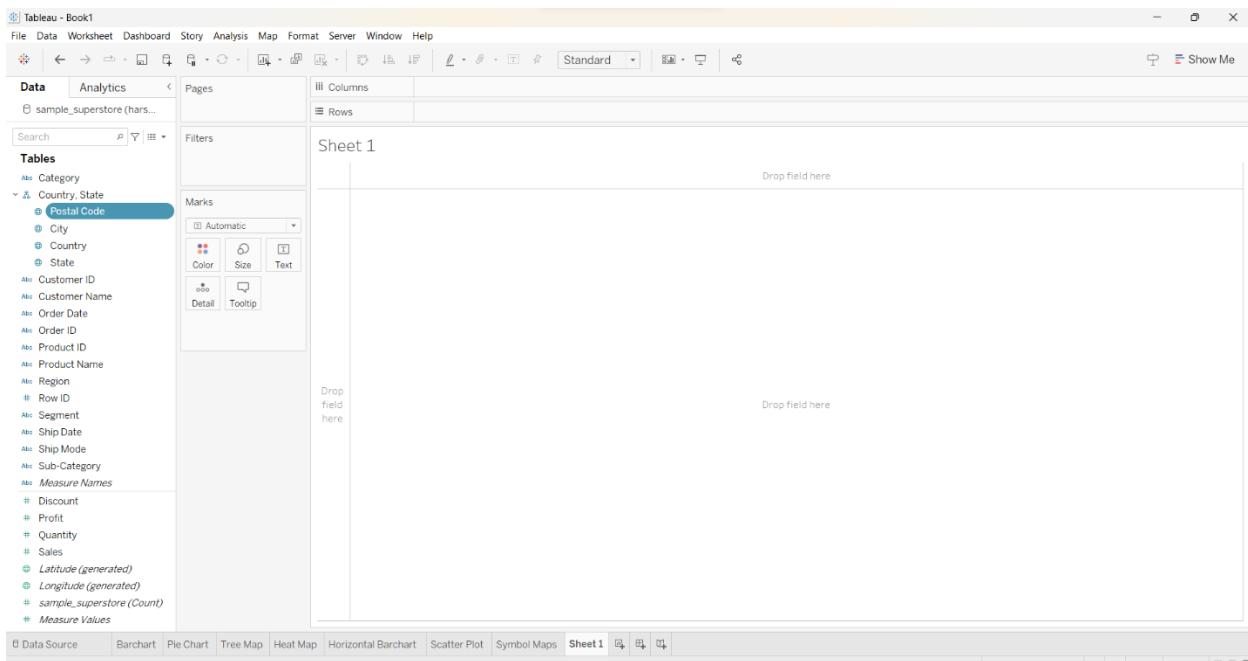


Tableau - Book1

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Standard Show Me

Data Analytics

sample_superstore (hars..)

Search

Tables

- Category
- Country, State
 - Postal Code
 - City
 - Country
 - State
- Customer ID
- Customer Name
- Order Date
- Order ID
- Product ID
- Product Name
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- Sub-Category
- Measure Names
- Discount
- Profit
- Quantity
- Sales
- Latitude (generated)
- Longitude (generated)
- sample_superstore (Count)
- Measure Values

Postal C. City Country State

Postal C.	City	Country	State
01040	Holyoke	United States	Massachusetts
01453	Leominster	United States	Massachusetts
01752	Marlborough	United States	Massachusetts
01810	Andover	United States	Massachusetts
01841	Lawrence	United States	Massachusetts
01852	Lowell	United States	Massachusetts
01915	Beverly	United States	Massachusetts
02038	Franklin	United States	Massachusetts
02138	Cambridge	United States	Massachusetts
02148	Malden	United States	Massachusetts
02149	Everett	United States	Massachusetts
02151	Revere	United States	Massachusetts
02169	Quincy	United States	Massachusetts
02740	New Bedford	United States	Massachusetts
02886	Warwick	United States	Rhode Island
02895	Woonsocket	United States	Rhode Island
02908	Providence	United States	Rhode Island
02920	Cranston	United States	Rhode Island
03060	Nashua	United States	New Hampshire
03301	Concord	United States	New Hampshire
03820	Dover	United States	New Hampshire
04240	Lewiston	United States	Maine
04401	Bangor	United States	Maine
05408	Burlington	United States	Vermont
05610	Bristol	United States	Connecticut
06040	Manchester	United States	Connecticut
06360	Norwich	United States	Connecticut
06450	Meriden	United States	Connecticut
06457	Middletown	United States	Connecticut
06460	Milford	United States	Connecticut
06484	Shelton	United States	Connecticut
06708	Watertown	United States	Connecticut
06810	Danbury	United States	Connecticut
06824	Fairfield	United States	Connecticut

630 marks 630 rows by 1 column

Data Source Barchart Pie Chart Tree Map Heat Map Horizontal Barchart Scatter Plot Symbol Maps Sheet1

Tableau - Book1

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Standard Show Me

Data Analytics

sample_superstore (hars..)

Search

Tables

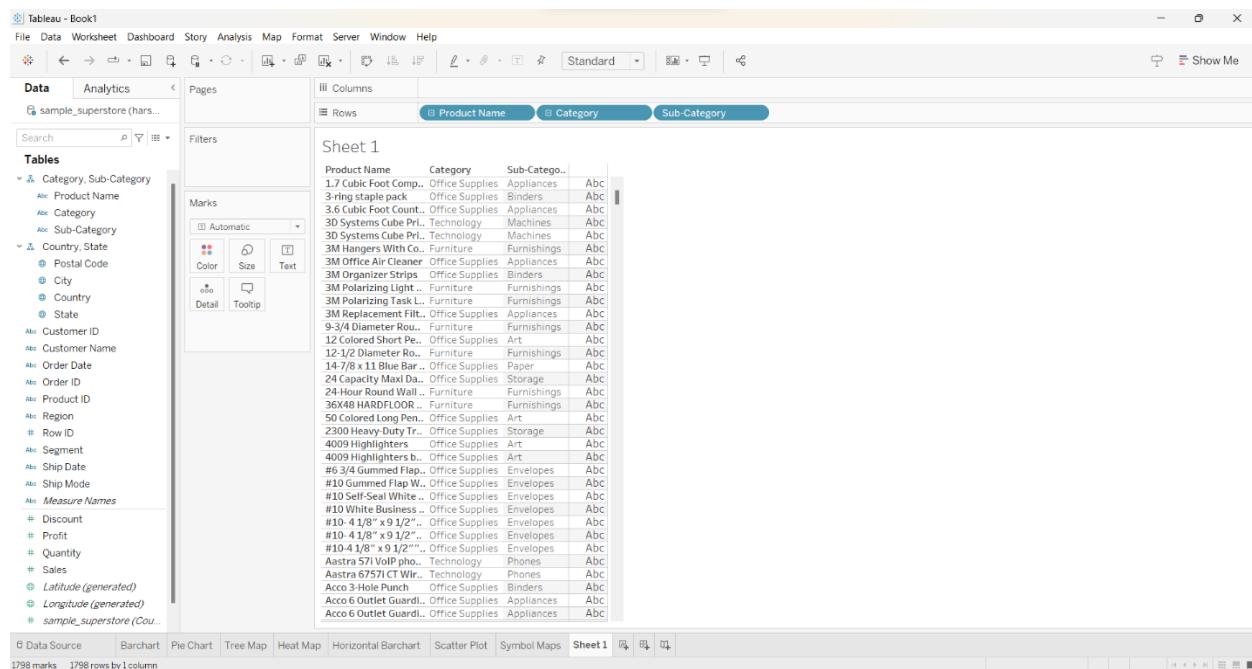
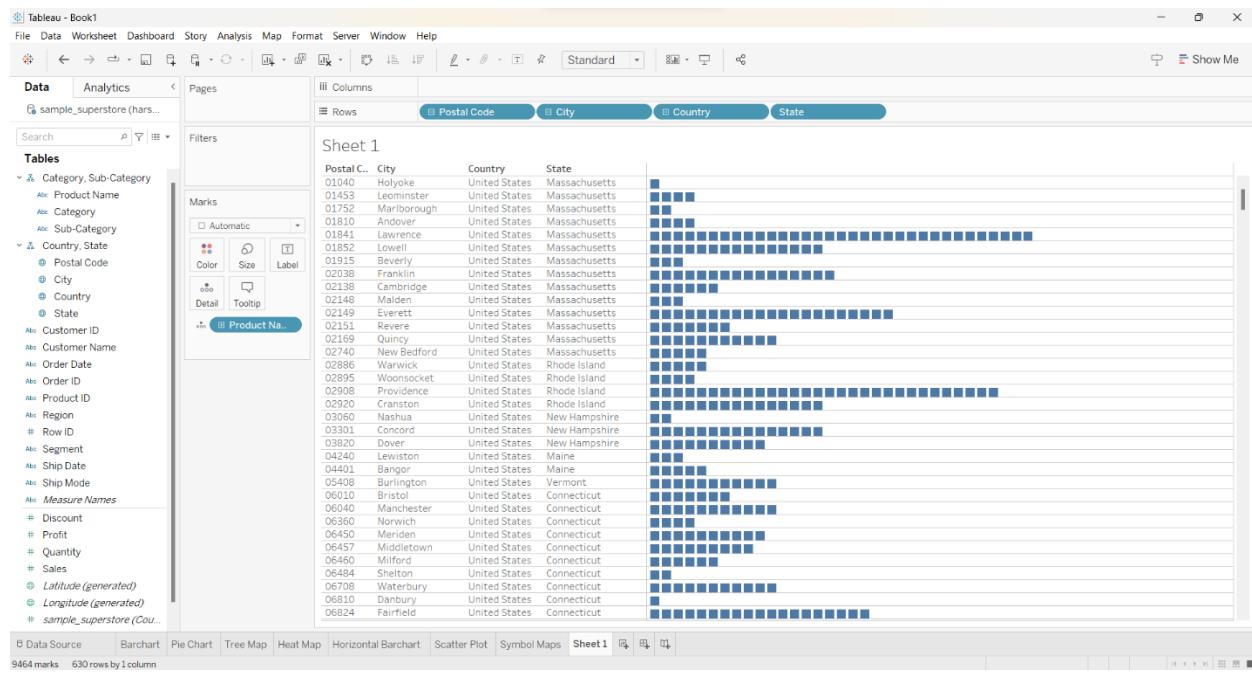
- Category, Sub-Category
 - Product Name
 - Category
 - Sub-Category
- Country, State
 - Postal Code
 - City
 - Country
 - State
- Customer ID
- Customer Name
- Order Date
- Order ID
- Product ID
- Product Name
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- Measure Names
- Discount
- Profit
- Quantity
- Sales
- Latitude (generated)
- Longitude (generated)
- sample_superstore (Count)
- Measure Values

Postal C. City Country State

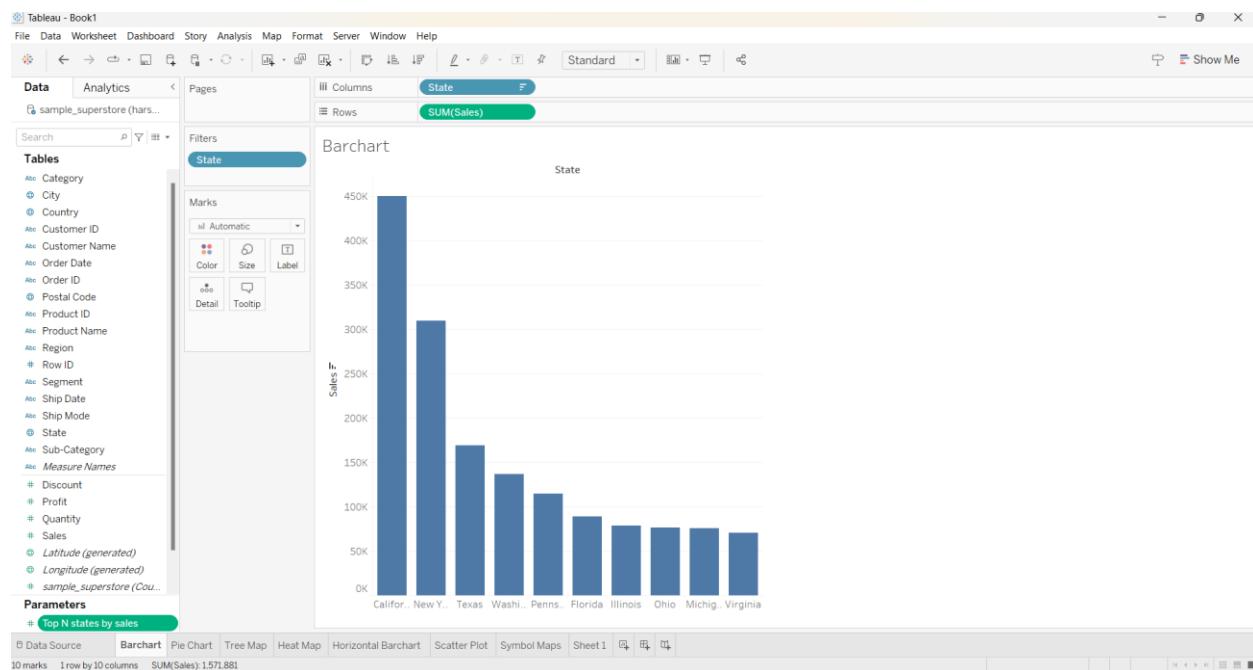
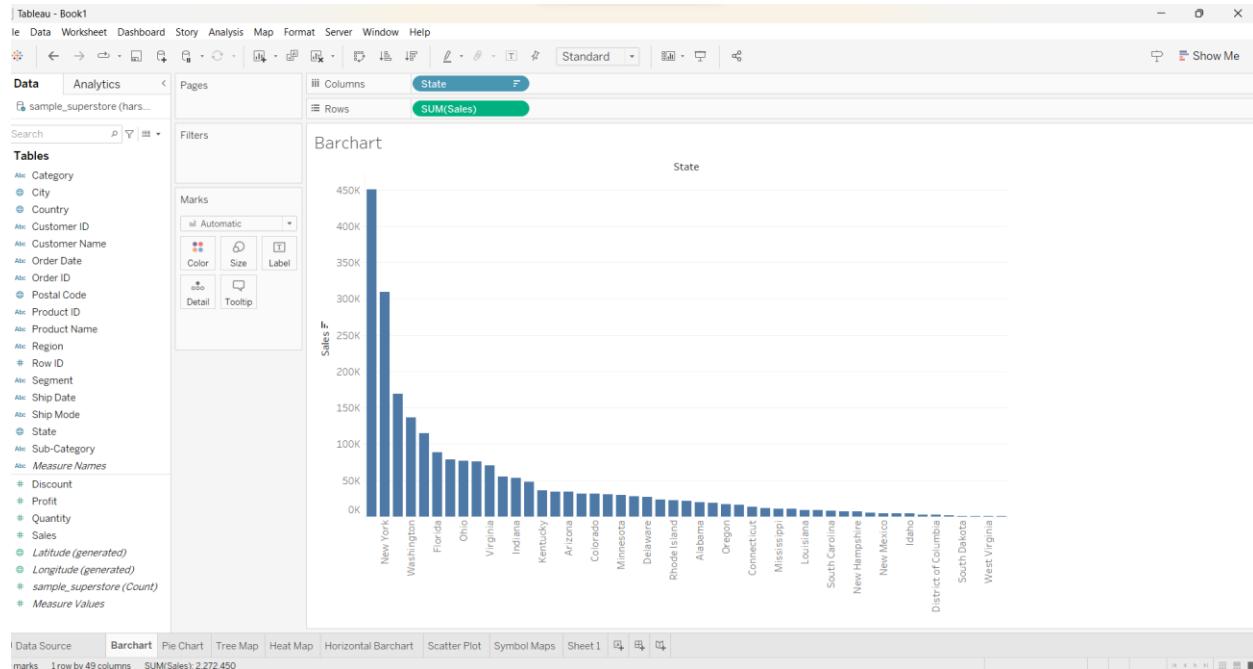
Postal C.	City	Country	State
01040	Holyoke	United States	Massachusetts
01453	Leominster	United States	Massachusetts
01752	Marlborough	United States	Massachusetts
01810	Andover	United States	Massachusetts
01841	Lawrence	United States	Massachusetts
01852	Lowell	United States	Massachusetts
01915	Beverly	United States	Massachusetts
02038	Franklin	United States	Massachusetts
02138	Cambridge	United States	Massachusetts
02148	Malden	United States	Massachusetts
02149	Everett	United States	Massachusetts
02151	Revere	United States	Massachusetts
02169	Quincy	United States	Massachusetts
02740	New Bedford	United States	Massachusetts
02886	Warwick	United States	Rhode Island
02895	Woonsocket	United States	Rhode Island
02908	Providence	United States	Rhode Island
02920	Cranston	United States	Rhode Island
03060	Nashua	United States	New Hampshire
03301	Concord	United States	New Hampshire
03820	Dover	United States	New Hampshire
04240	Lewiston	United States	Maine
04401	Bangor	United States	Maine
05408	Burlington	United States	Vermont
06010	Bristol	United States	Connecticut
06040	Manchester	United States	Connecticut
06360	Norwich	United States	Connecticut
06450	Meriden	United States	Connecticut
06457	Middletown	United States	Connecticut
06460	Milford	United States	Connecticut
06484	Shelton	United States	Connecticut
06708	Watertown	United States	Connecticut
06810	Danbury	United States	Connecticut
06824	Fairfield	United States	Connecticut

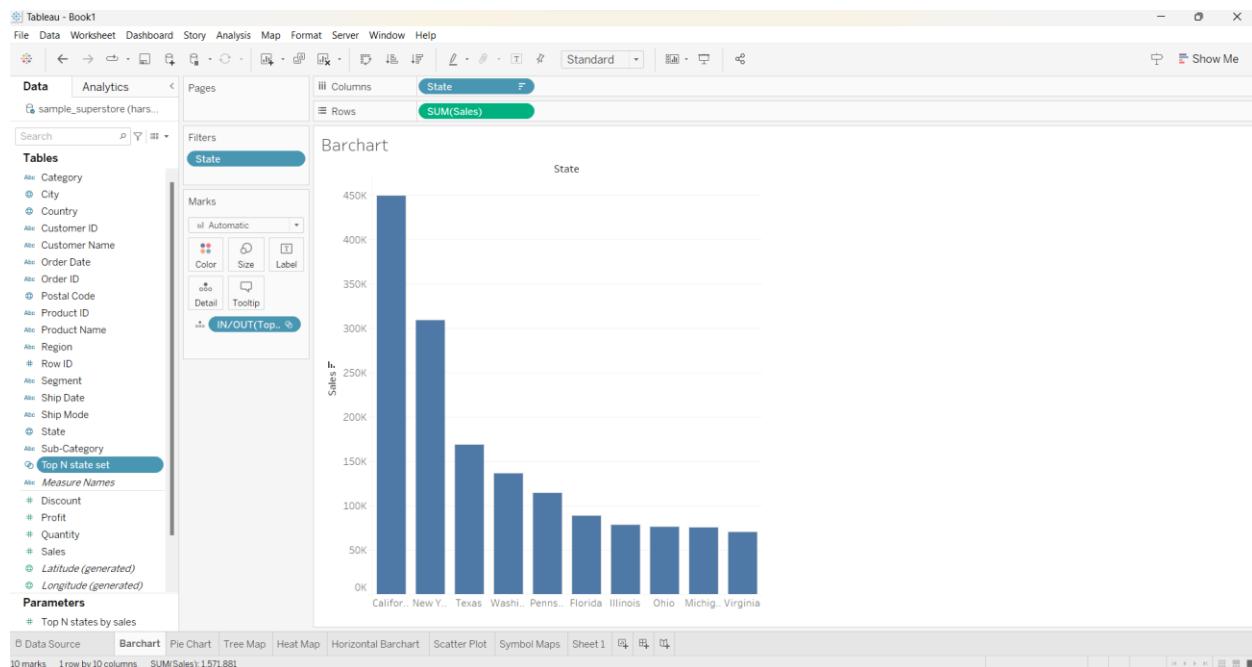
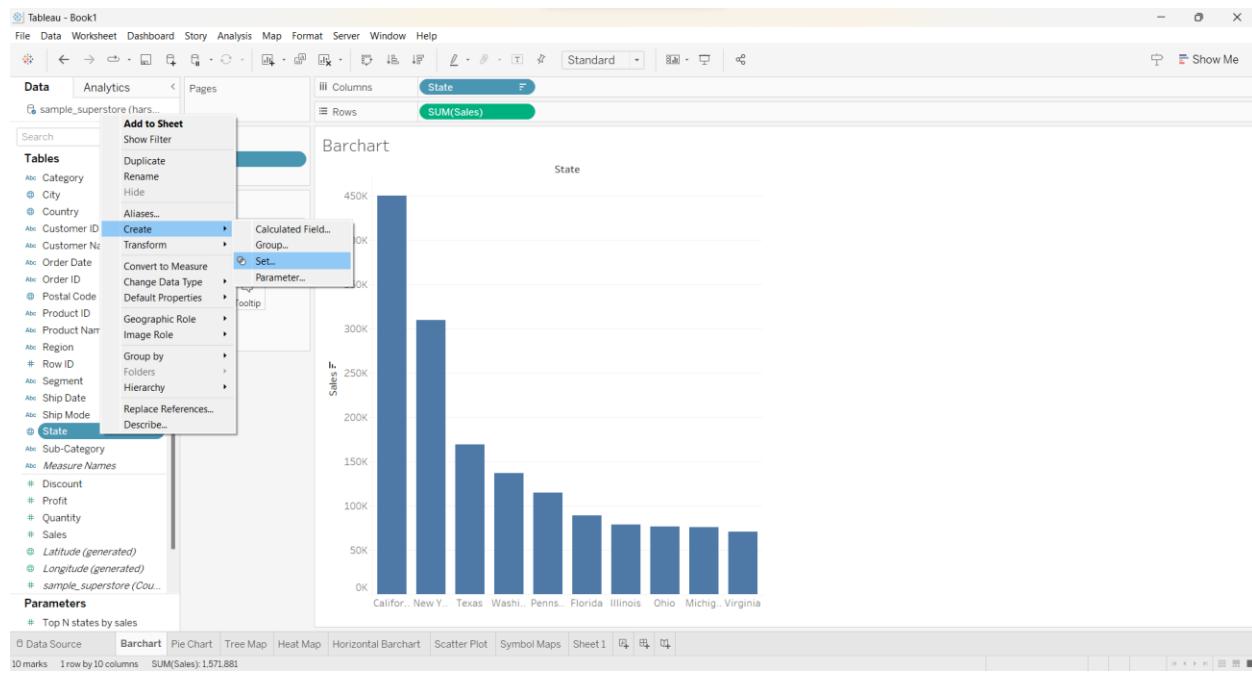
9464 marks 630 rows by 1 column

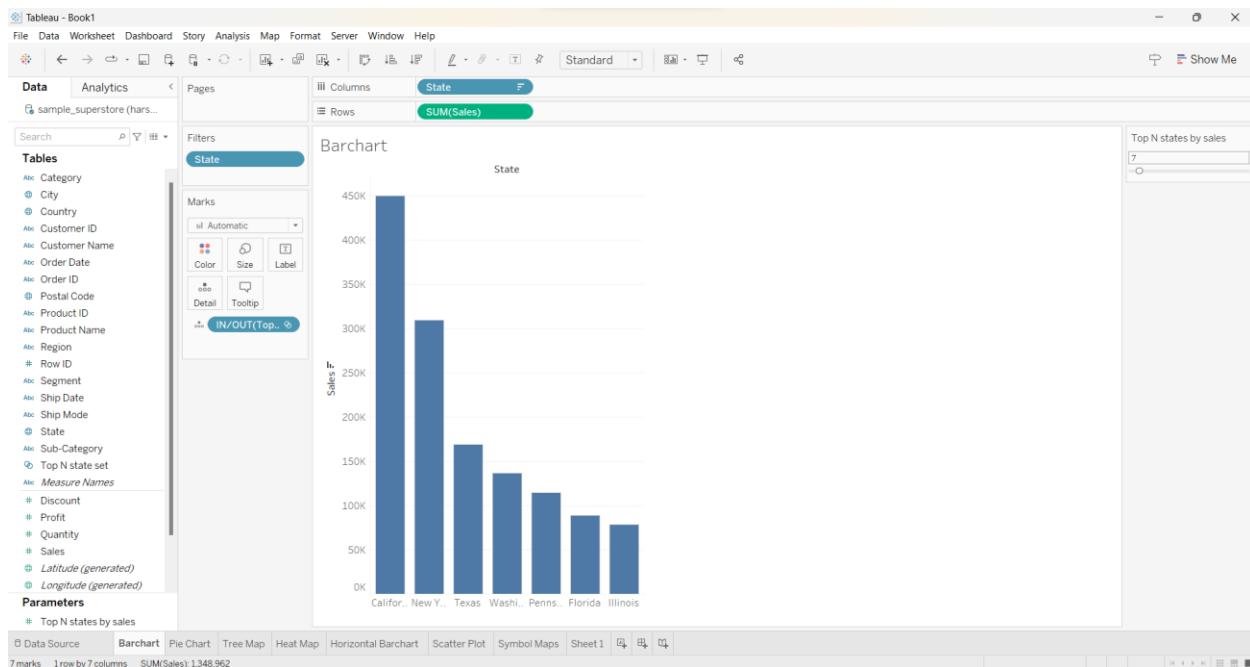
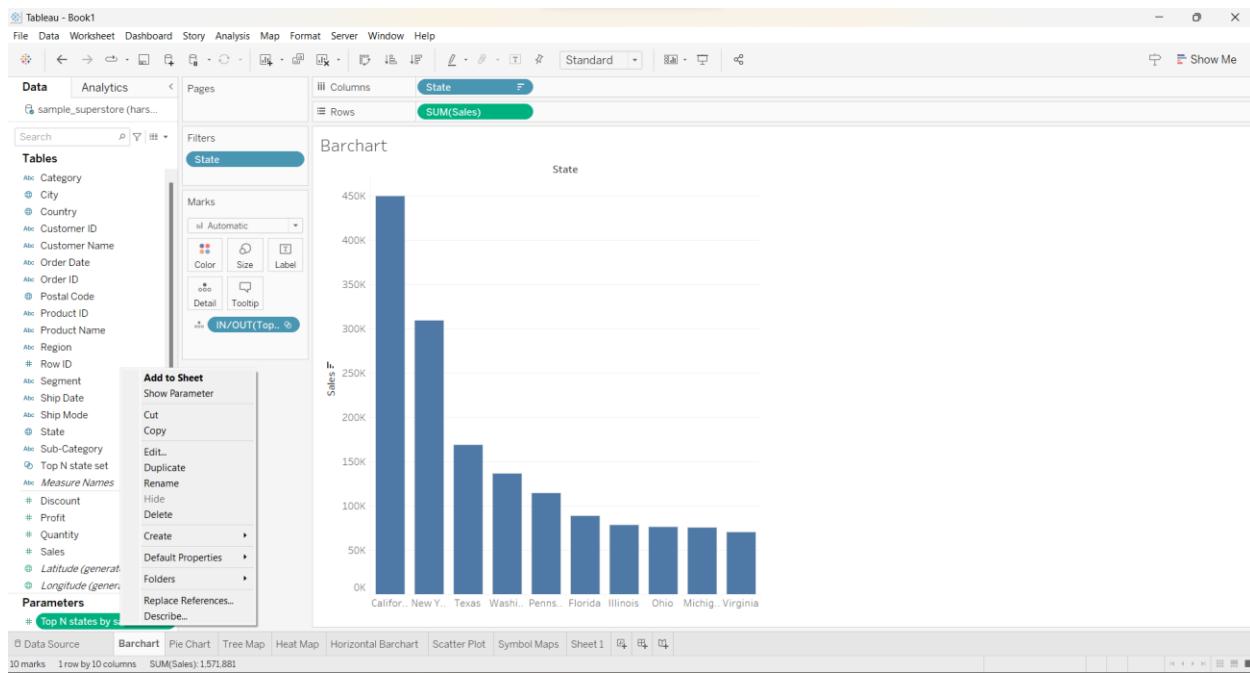
Data Source Barchart Pie Chart Tree Map Heat Map Horizontal Barchart Scatter Plot Symbol Maps Sheet1

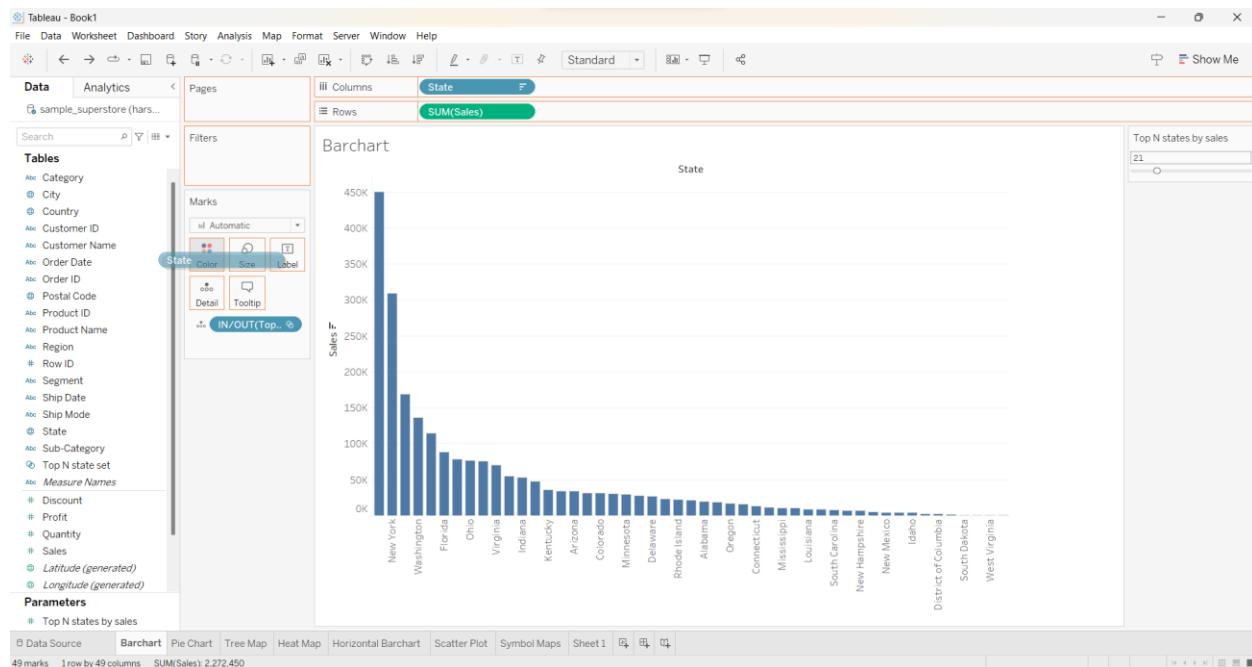
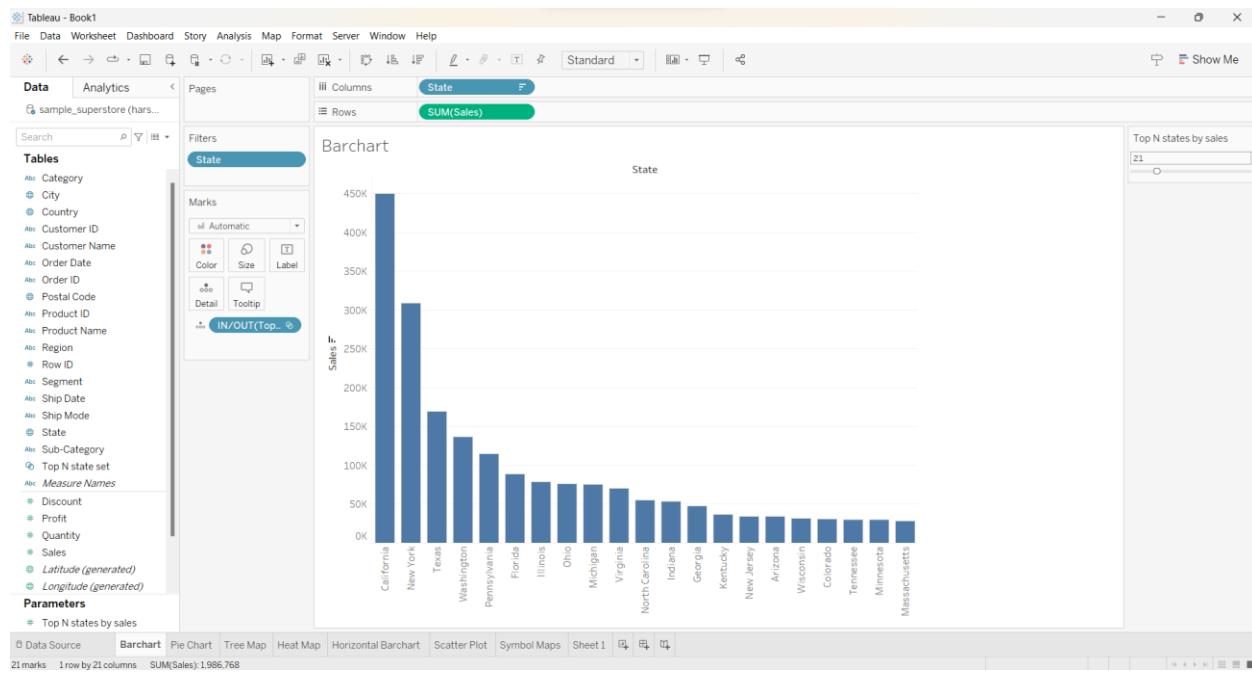


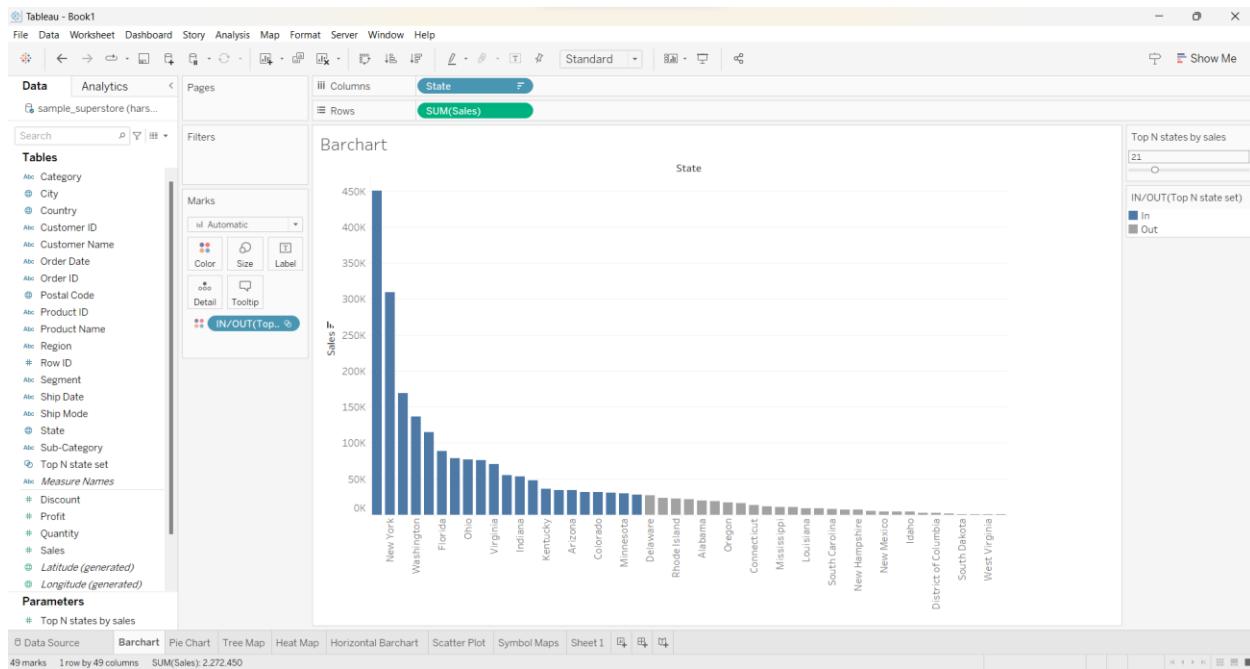
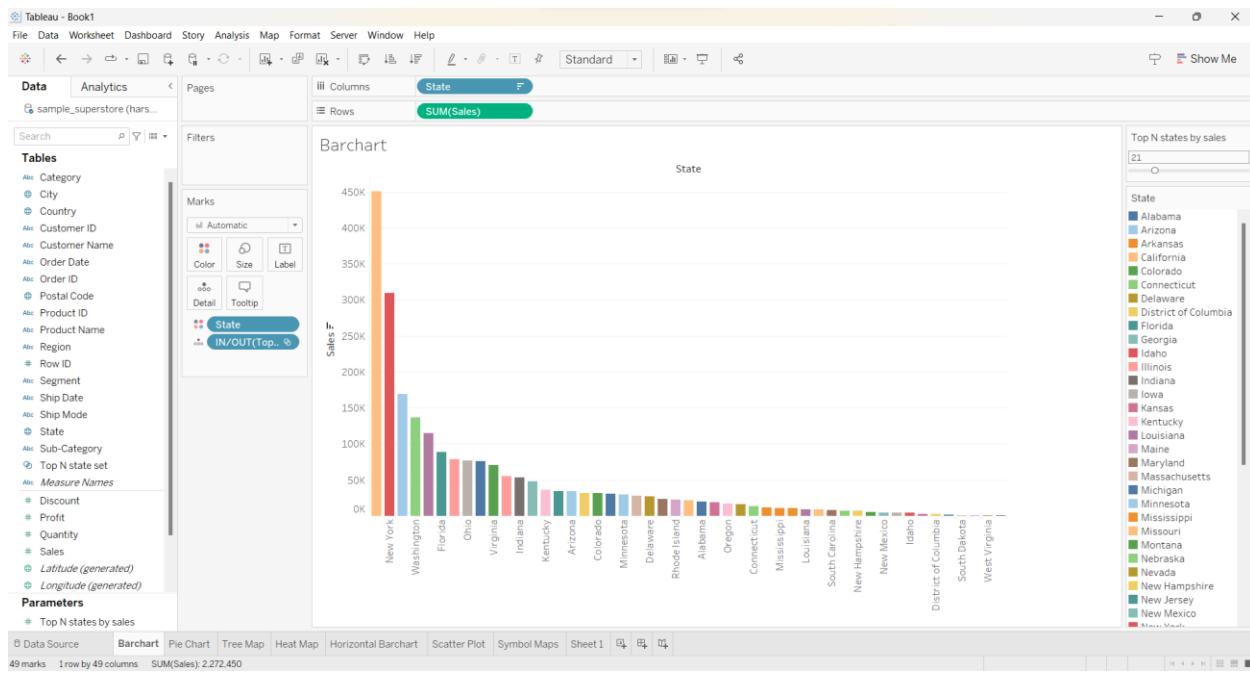
create a SET

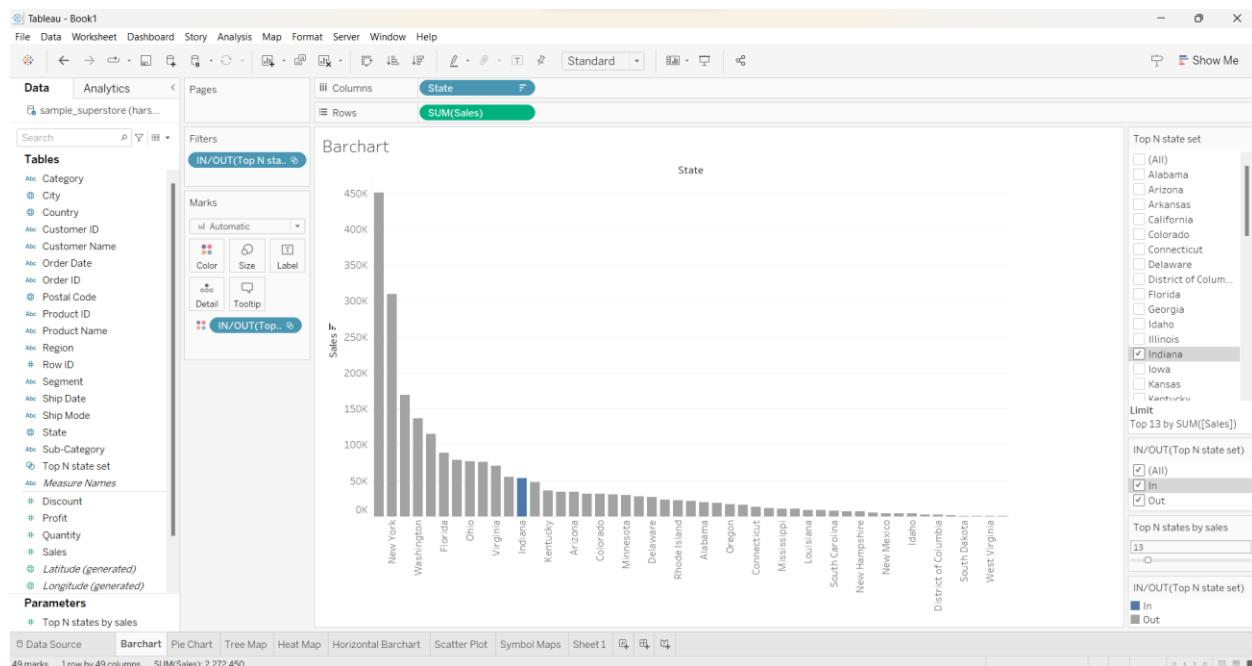
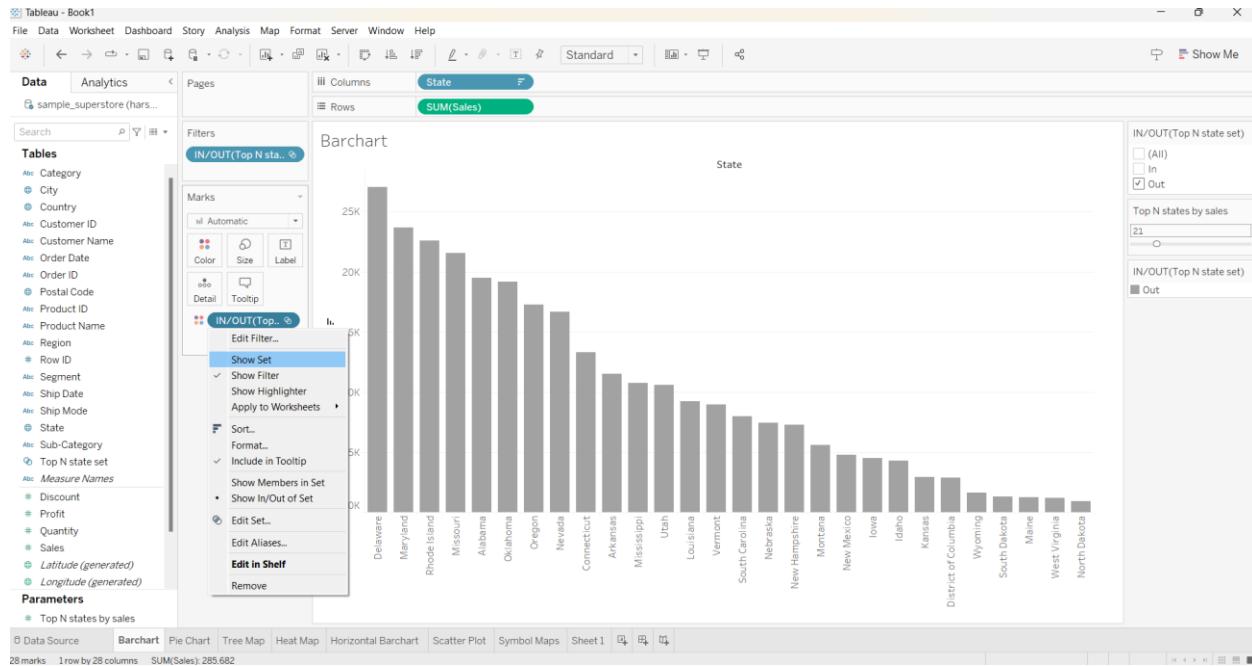


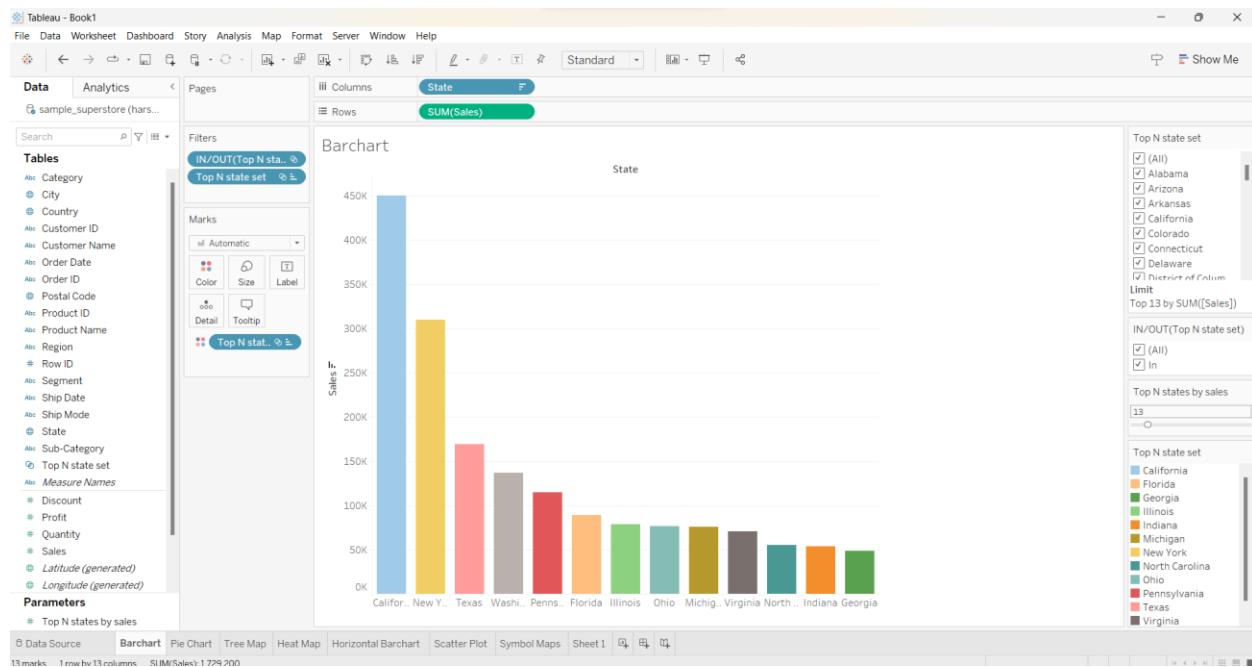
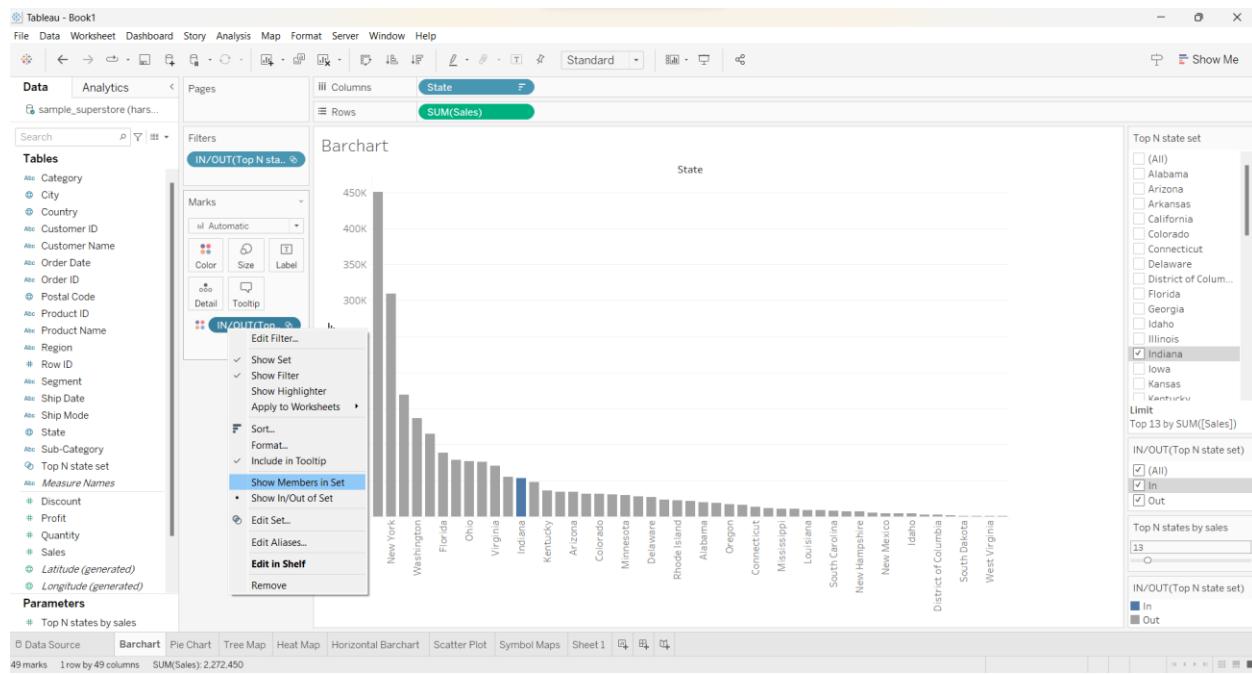












Create a GROUP

