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DATA SET:
SAMPLE-SUPERSTORE.XLS
TASK

Assignment-4

Task 1:- Create one fixed and one exclude LOD expression.

Task 2: Create any 2 map visualizations using geographical data.

Task 3: Create Top N and/or Dynamic dimension parameters and utilize those in your workbook.

Explain LOD Expression, Map Visualizations using geographical data and Top N, Dynamic dimension Parameters

LOD Expression :- **Level of Detail (LOD) expressions** are used to run complex queries involving many dimensions at the data source level instead of bringing all the data to Tableau interface.There are three types LOD functions:-

1) Fixed
2) Include

3) Exclude

Map Visualization using geographical data :-

Tableau is a tool for analyzing geographical data. It can automatically turn location data into interactive maps.

In Map Visualization, Geographical fields are double click on the field the data pane and tableau will create a map using generated latitude and longitude fields.

Top N Parameter:-

Top N parameter uses a value selected by the user, where N is a value. The value can be static or controlled by a parameter.

Top N parameter is also known as Bottom N.

Tableau allows users to filter and display a certain percentage of their data.

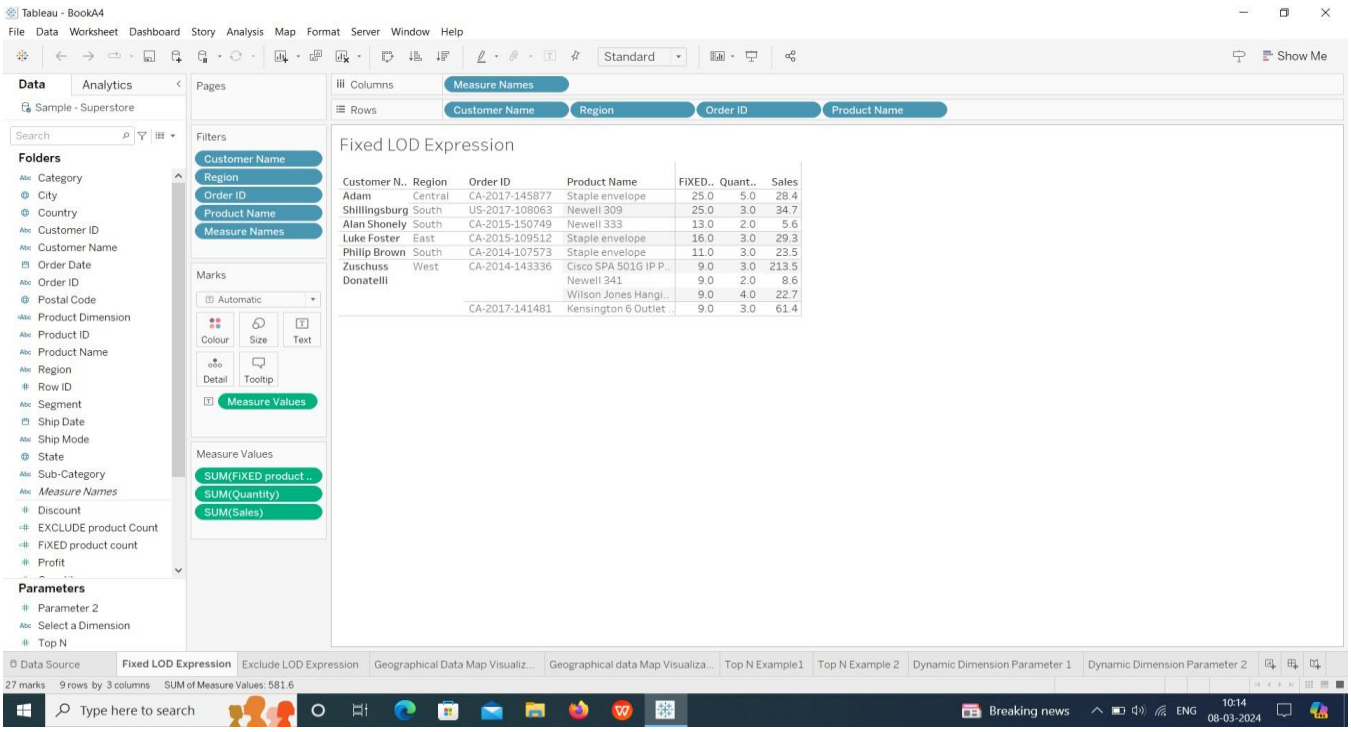
Dynamic Dimension Parameters:-

Create a Parameter. Create a new Parameter that lists your dimensions.

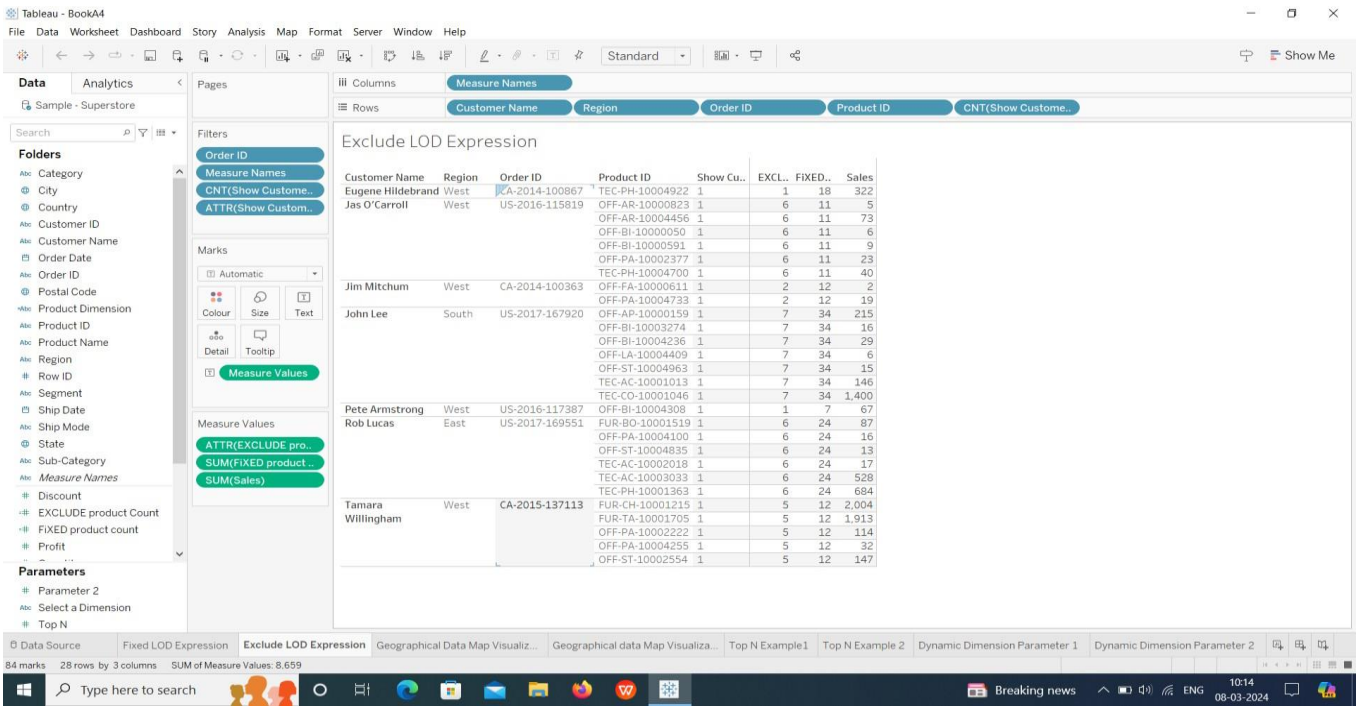
Create a Calculated field that will be used as a dimension in your worksheet. Dimension to display when a particular parameter value is selected.

Create One Fixed LOD Expression and one exclude LOD expression:-

One Fixed LOD:-



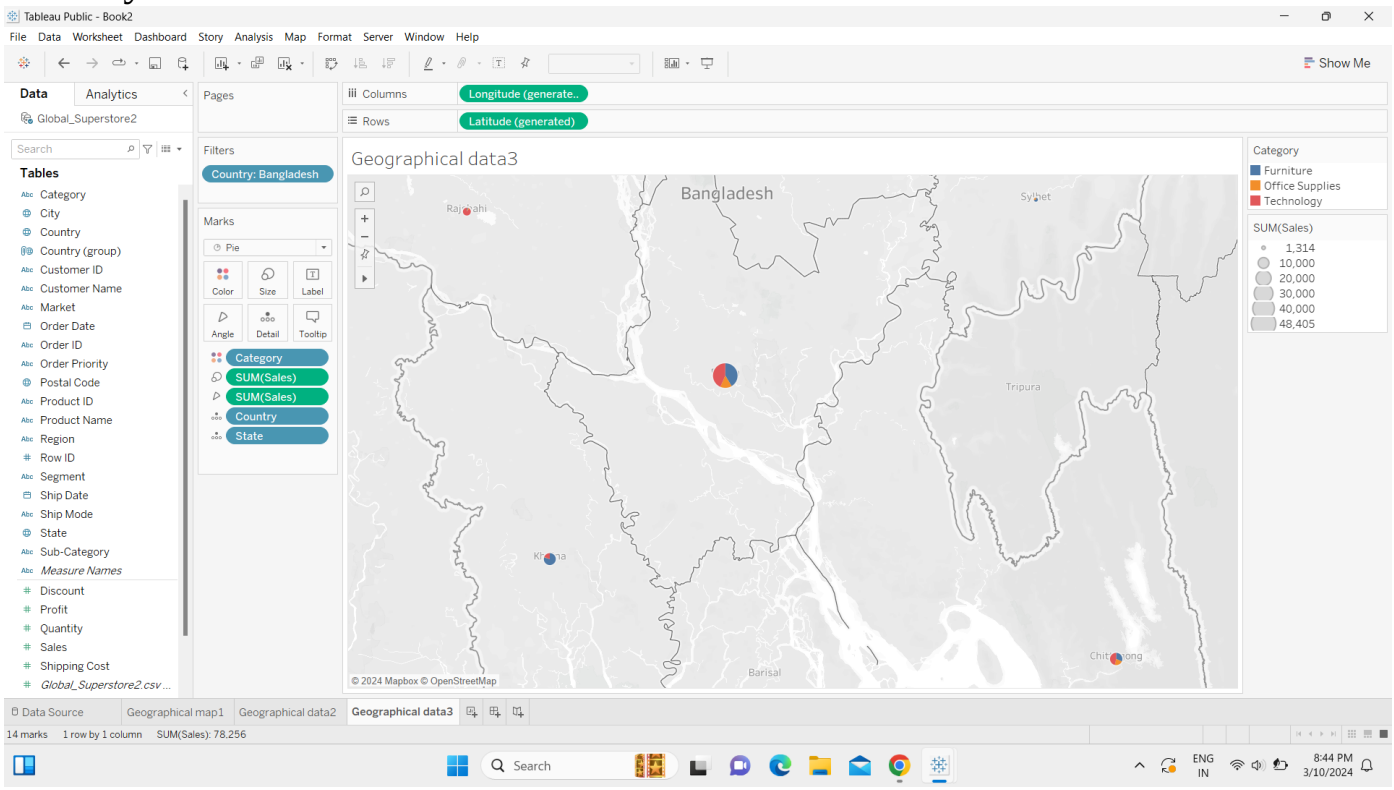
One Exclude LOD Expression:-



Create any 2 map visualizations using geographical data:-

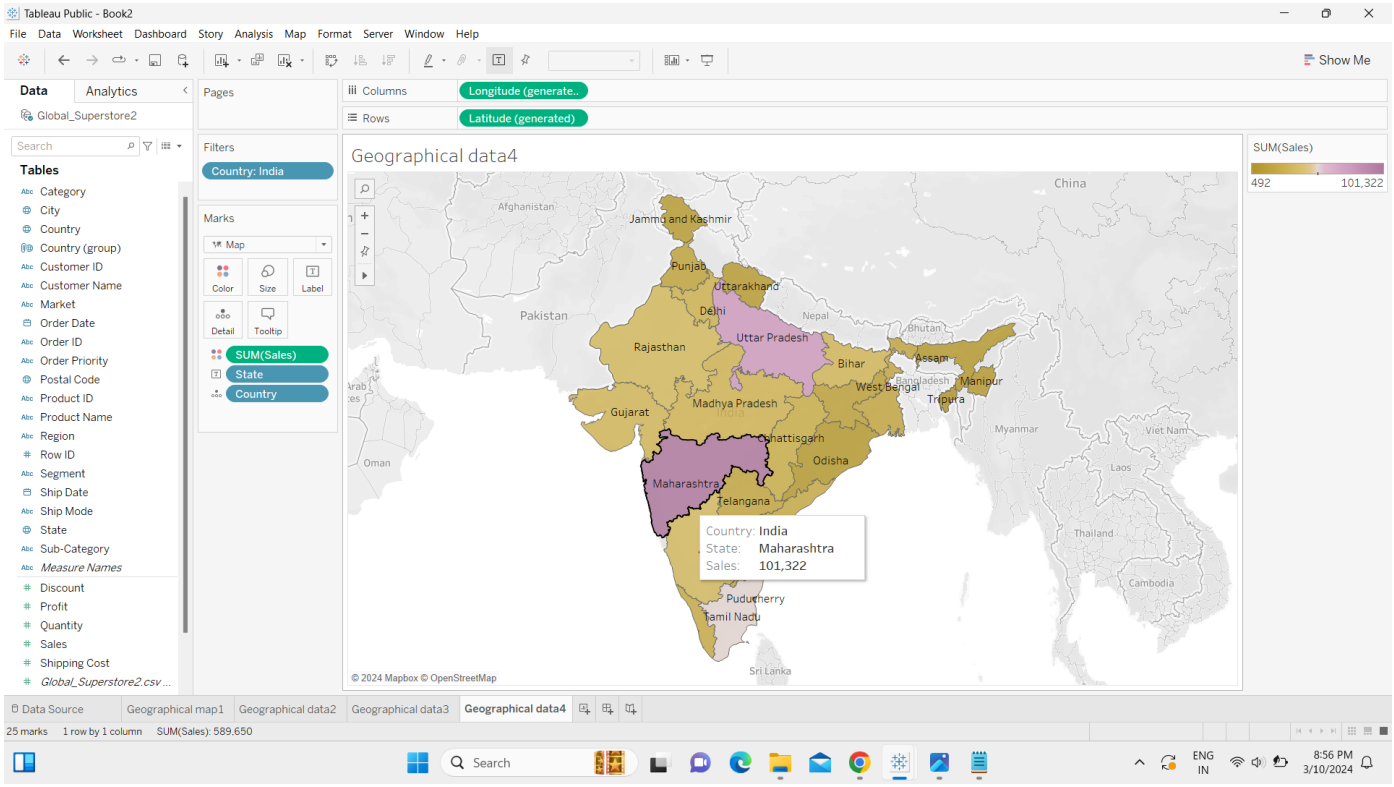
Map visualization 1:-

This visualization is used to know the which state has more sales or profits in the country.



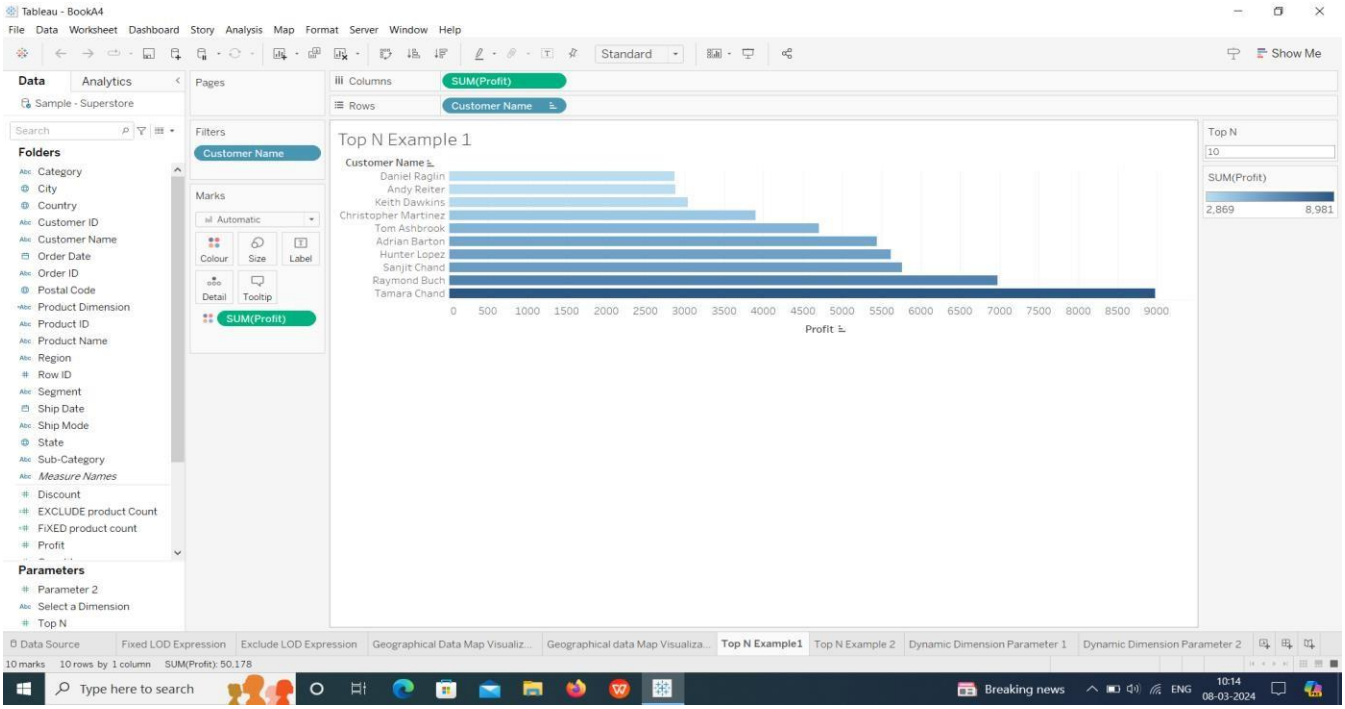
Map visualization 2:-

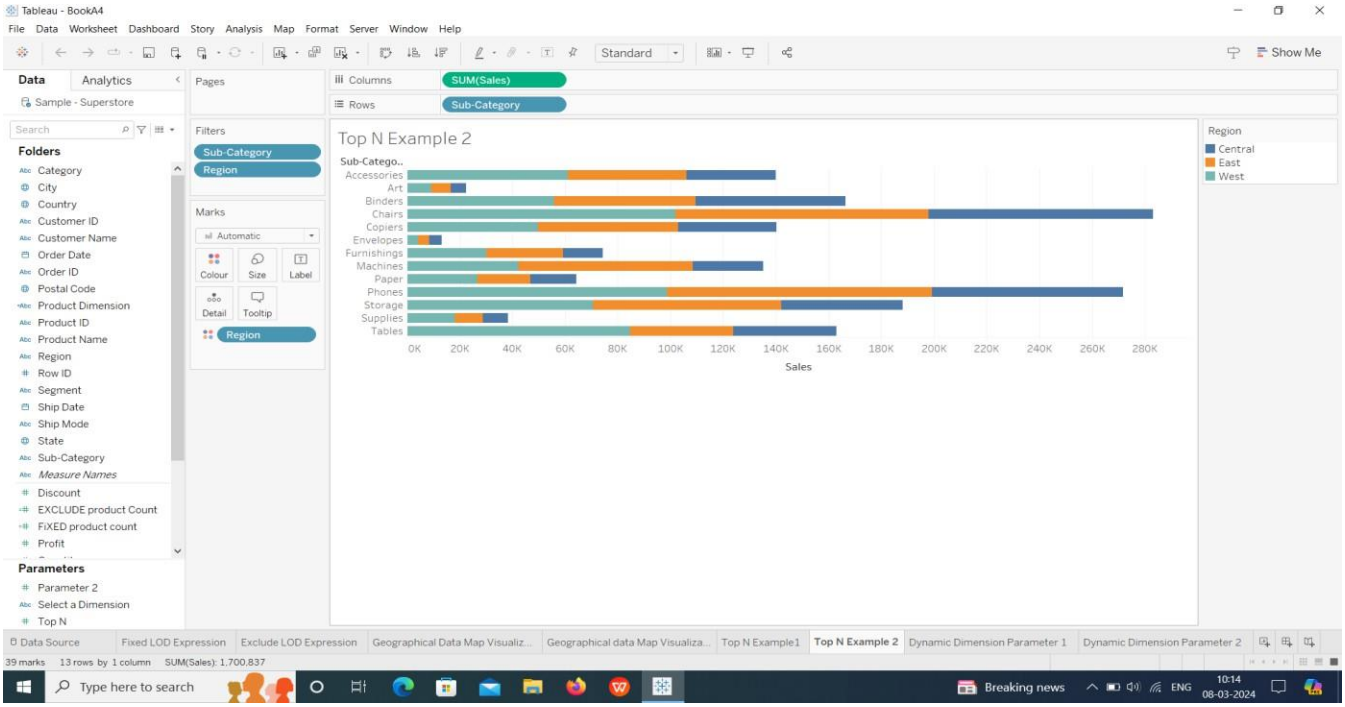
This visualization is used to refer the density of the datapoints.More the colour more the concentration of our value and viceversa.



Create Top N and/or Dynamic dimension parameters and utilize those in your workbook:-

Top N Parameters:-





Top N parameter Is used to know the list of values which we require to know either top 10 or top 15 like that etc.

Dynamic Dimension Parameter 1:-