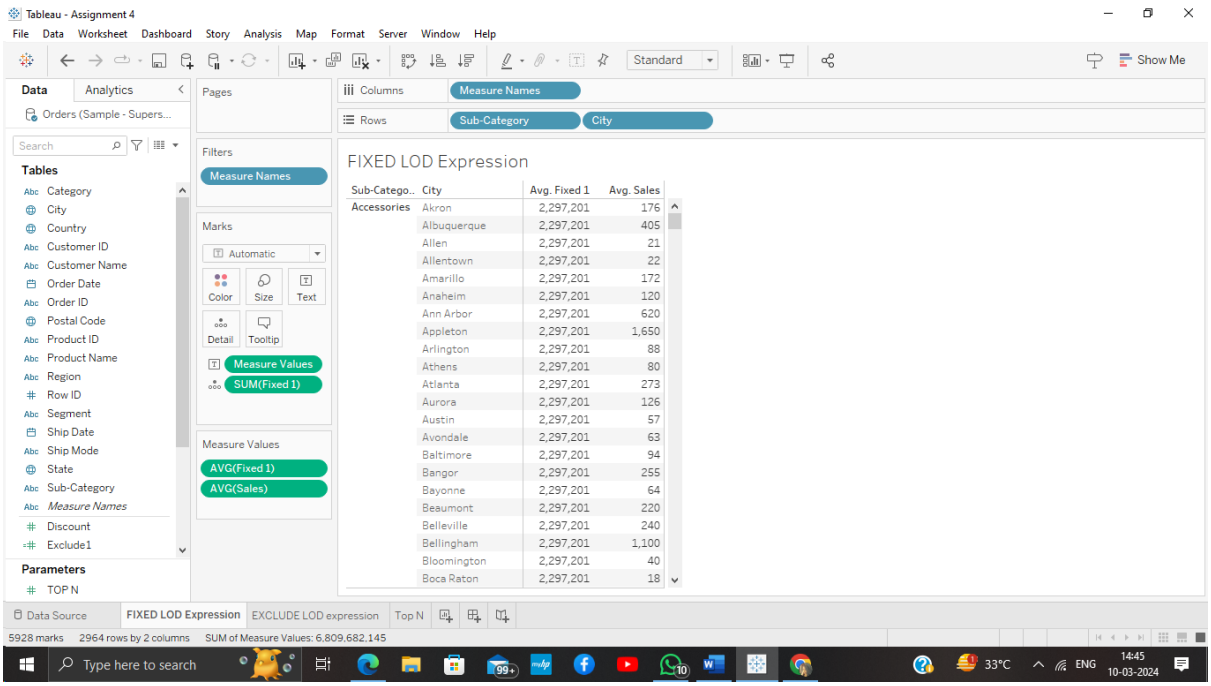
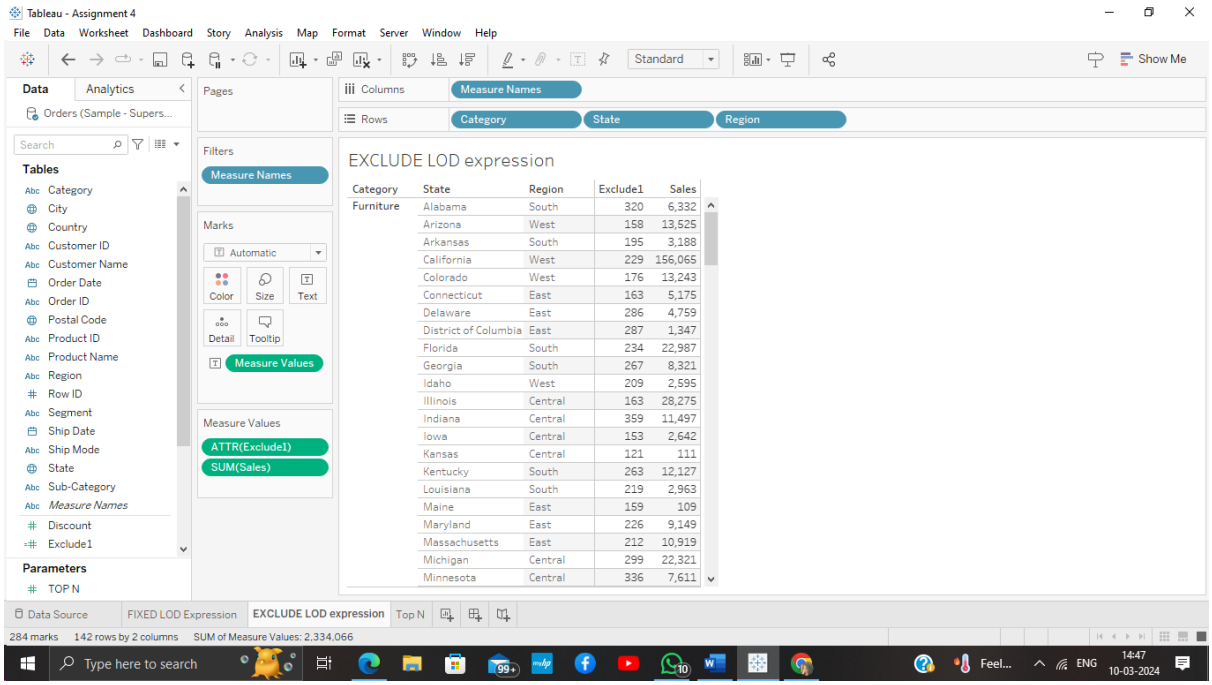
1.Create one fixed and one exclude LOD expression

- **Fixed LOD**

  FIXED level of detail expressions compute a value using the specified dimensions, without reference to the dimensions in the view



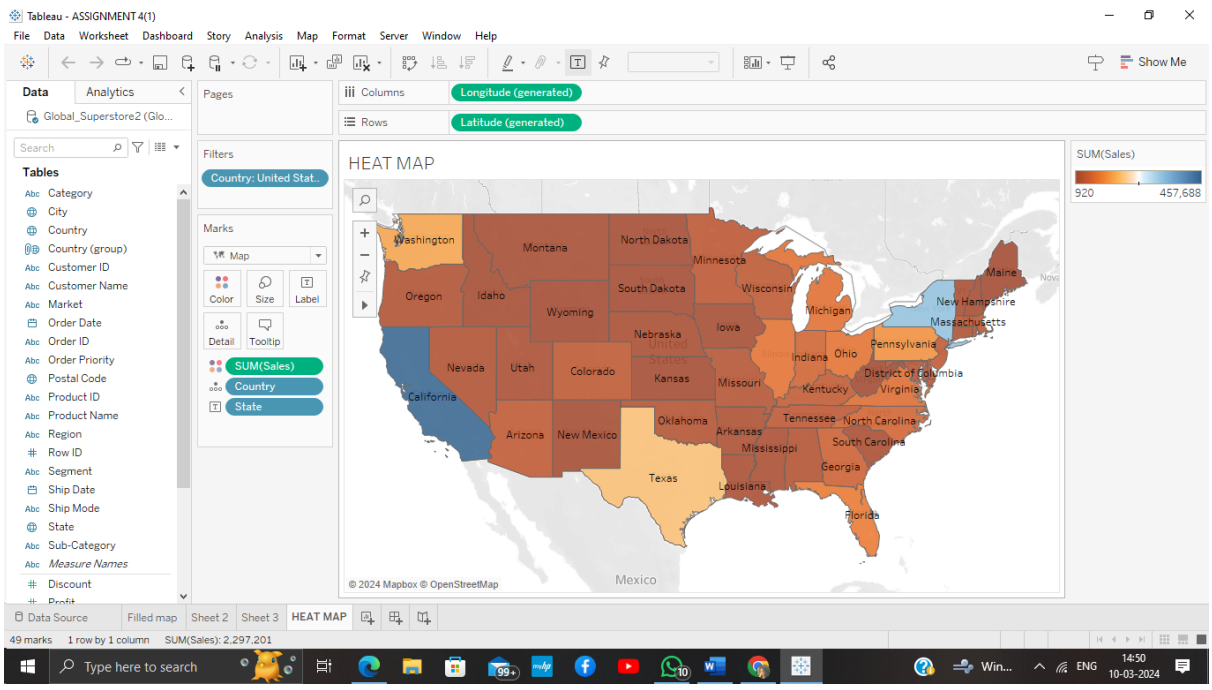
- **Exclude LOD**



2.Create any 2 map visualizations using geographical data.

- **Heat map**

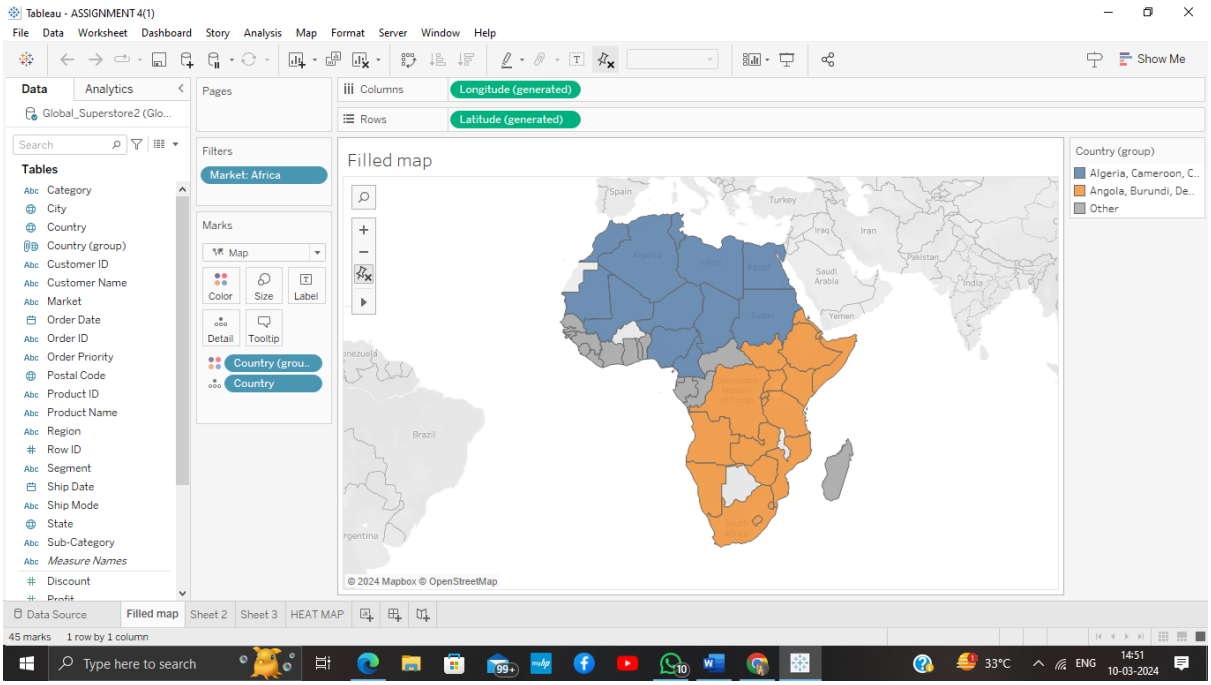
- Ensure your dataset has latitude and longitude information.
- Drag the Latitude field onto the Rows shelf and the Longitude field onto the Columns shelf.
- Drag the measure you want to visualize onto the Color shelf.
- Choose a color palette and adjust its intensity.
- Optionally, customize your heat map by adjusting the size of the marks and adding labels or tool tips.



- **Filled map**

- By default, Tableau generates a symbol map, placing a circle at the intersection of Longitude and Latitude for each state. In keeping with the "looking under the hood" theme of not relying on Show Me, take a look at the location of each dimension and measure.
- First, Longitude is on the Columns Shelf, which can also be thought of as the X-axis.
- Conversely, Latitude is on the Rows Shelf, or the Y-axis.

- On the Marks Shelf, we can see that State is the most granular level of detail in the view. Even without seeing the map in the view, we should be able to guess what Tableau will display just by seeing the geographic fields on the Columns Shelf and Rows Shelf, the level of detail on the Marks Shelf, and the mark type of 'Automatic' (which is 'Circle' by default).
- In order to change this from a symbol map to a filled map, change the mark type from 'Automatic' to 'Filled Map'. By selecting this special mark type in Tableau, you will see that the single circles on each state have been converted to nice, smooth polygons that trace the entire border of each state.



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

- **Top N:**

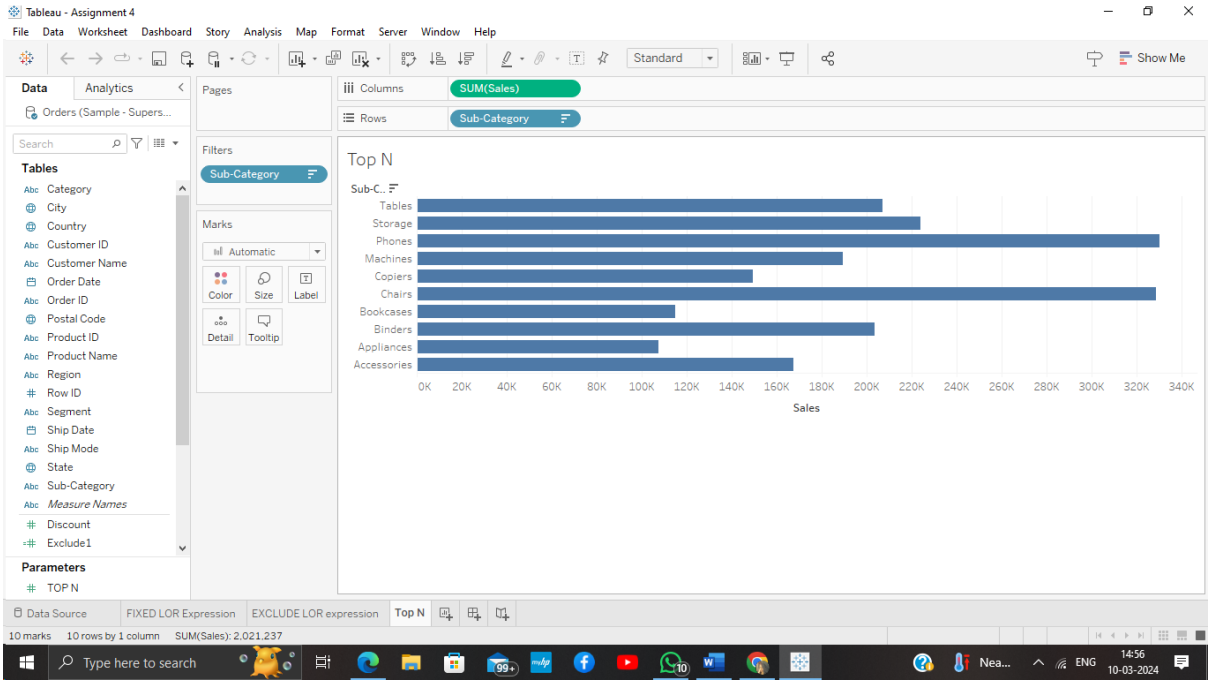


Tableau - Assignment 4
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
Orders (Sample - Supers...
Search
Tables
Abc Category
City
Country
Abc Customer ID
Abc Customer Name
Order Date
Abc Order ID
Postal Code
Abc Product ID
Abc Product Name
Abc Region
Row ID
Abc Segment
Ship Date
Abc Ship Mode
State
Abc Sub-Category
Abc Measure Names
Discount
Exclude1
Parameters
TOP N
Pages
Filters
Sub-Category
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Columns
SUM(Sales)
Rows
Sub-Category
Top N
Sub-C..
Tables
Storage
Phones
Machines
Copiers
Chairs
Bookcases
Binders
Appliances
Accessories
0K 20K 40K 60K 80K 100K 120K 140K 160K 180K 200K 220K 240K 260K 280K 300K 320K 340K
Sales
Data Source
FIXED LOR Expression
EXCLUDE LOR expression
Top N
10 marks
10 rows by 1 column
SUM(Sales): 2,021,237
Type here to search
ENG
14:56
10-03-2024