

TASK 1 : LOD EXPRESSIONS :

FIXED LOD EXPRESSION :

- As we see above, the fixed LOD expression consists a fixed value that is 2,297,201.
- Where it represents the Region and category Wise sales in a Sub-Category.
- In this Sub-Category there are many things like Appliances, Accessories, Chairs and so on.
- These Sub-Category is again categorized by category like Technology, Office supplies, Furniture and Regions like Central, East, South, West.
- This LOD expression shows the sales region and Category as well as Sub-Category.
- Where the fixed sale value is 2,297,201 and it was obtained by sum of all sales.

Tableau - ASSIGNMENT4

File Data Worksheet Dashboard Story Analytics Map Format Server Window Help

Standard

881

Show Me

Data Analytics

Pages

Columns

Rows

Sub-Category Category Region Fixed I Sales

Fixed Iod expression

Sub-Category Category Region Fixed I Sales

Accessories Technology Central 2,297,201 33,936

Accessories Technology East 2,297,201 40,030

Accessories Technology South 2,297,201 37,277

Accessories Technology West 2,297,201 61,114

Appliances Office Central 2,297,201 23,547

Appliances Office East 2,297,201 34,186

Appliances Office South 2,297,201 19,525

Appliances Office West 2,297,201 30,436

Art Office Central 2,297,201 5,165

Art Office East 2,297,201 7,680

Art Office South 2,297,201 4,654

Art Office West 2,297,201 9,232

Binders Office Central 2,297,201 56,323

Binders Office East 2,297,201 51,499

Binders Office South 2,297,201 57,630

Binders Office West 2,297,201 55,963

Bookcases Furniture Central 2,297,201 24,157

Bookcases Furniture East 2,297,201 43,619

Bookcases Furniture South 2,297,201 10,894

Bookcases Furniture West 2,297,201 36,004

Chairs Furniture Central 2,297,201 85,131

Chairs Furniture East 2,297,201 56,261

Chairs Furniture South 2,297,201 45,176

Chairs Furniture West 2,297,201 101,181

Copiers Technology Central 2,297,201 37,260

Copiers Technology East 2,297,201 53,219

Copiers Technology South 2,297,201 9,300

Copiers Technology West 2,297,201 40,740

Envelopes Office Central 2,297,201 4,617

Envelopes Office East 2,297,201 4,376

Envelopes Office South 2,297,201 2,340

Envelopes Office West 2,297,201 4,118

Customer Name Address City State Zip

125 marks 68 rows by 2 columns SUM of Measure Values: 135,306,829

EXCLUDE LOD EXPRESSION :

- > As we see in above exclude LOD expression, the exclude values are based on the average profit.
- > Here, the exclude LOD expression shows the exclude profit value in the Consumer, Corporate and Home Office Segments.
- > This Segments are categorized into class using ship mode they are:
 - 1.First Class
 - 2.Second Class
 - 3.Standard Class
- > It shows the exclude sales based on the ship mode as well as Segments.

Screener - ASSIGNMENTS

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Q Sheet1 (Superstore data)

Search

Data Analytics

Tables

- 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
- Measure Values
- Exclude 1
- Exclude lod
- Fixed 1
- Fixed lod
- Profit
- Quantity
- Sales
- Latitude (generated)

Columns Measure Names

Rows Segment Region

Exclude lod expression

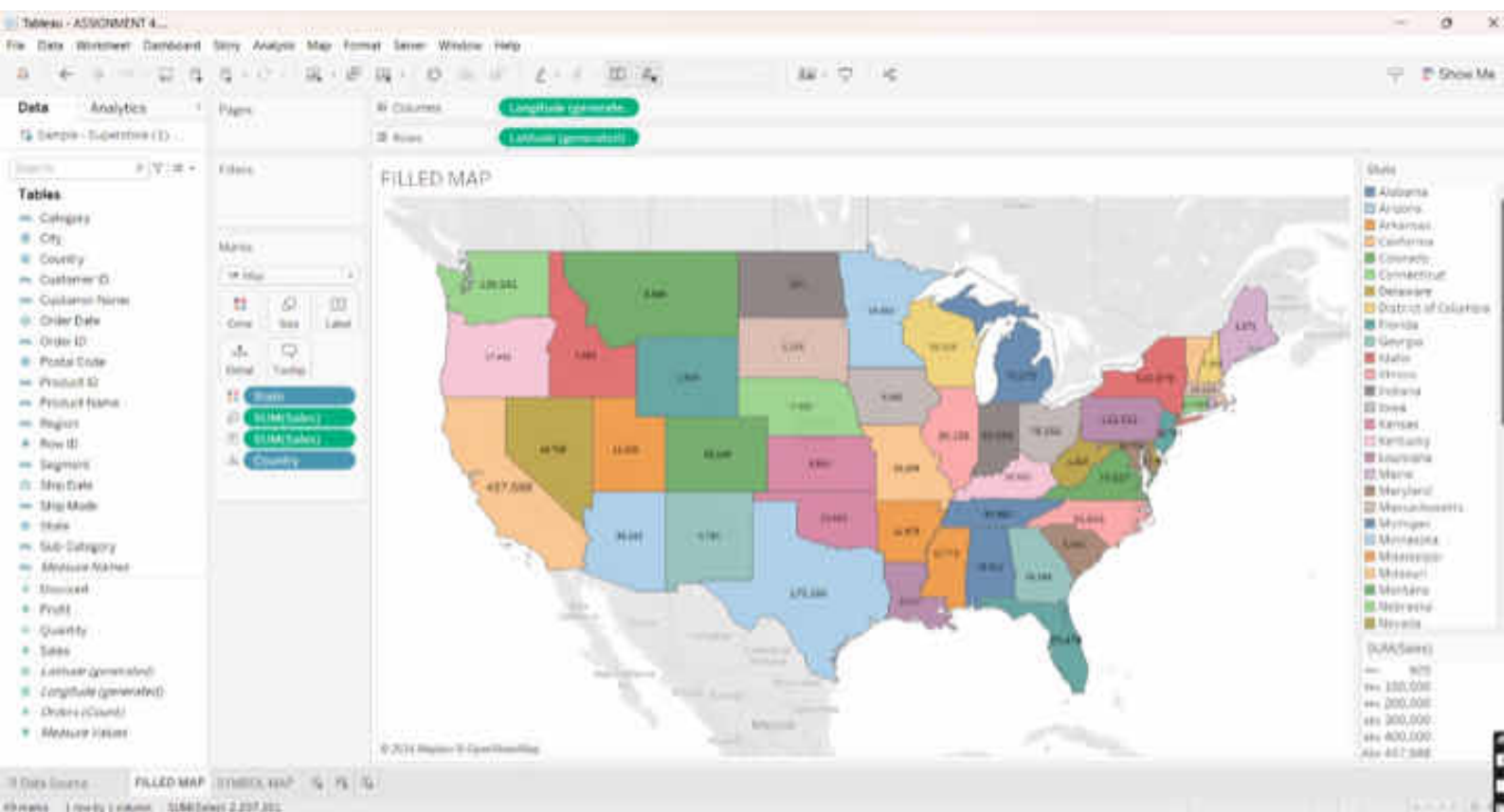
Segment	Region	Exclude 1	Profit
Consumer	Central	17	8,564
	East	37	41,191
	South	29	26,314
	West	34	37,451
Corporate	Central	17	18,704
	East	37	23,675
	South	29	15,215
	West	34	34,437
Home Office	Central	17	12,438
	East	37	36,709
	South	29	4,621
	West	34	16,530

23 marks Unseen by Customers SUM of Measure Values: 296,733

TASK 2: GEOGRAPHICAL MAPS

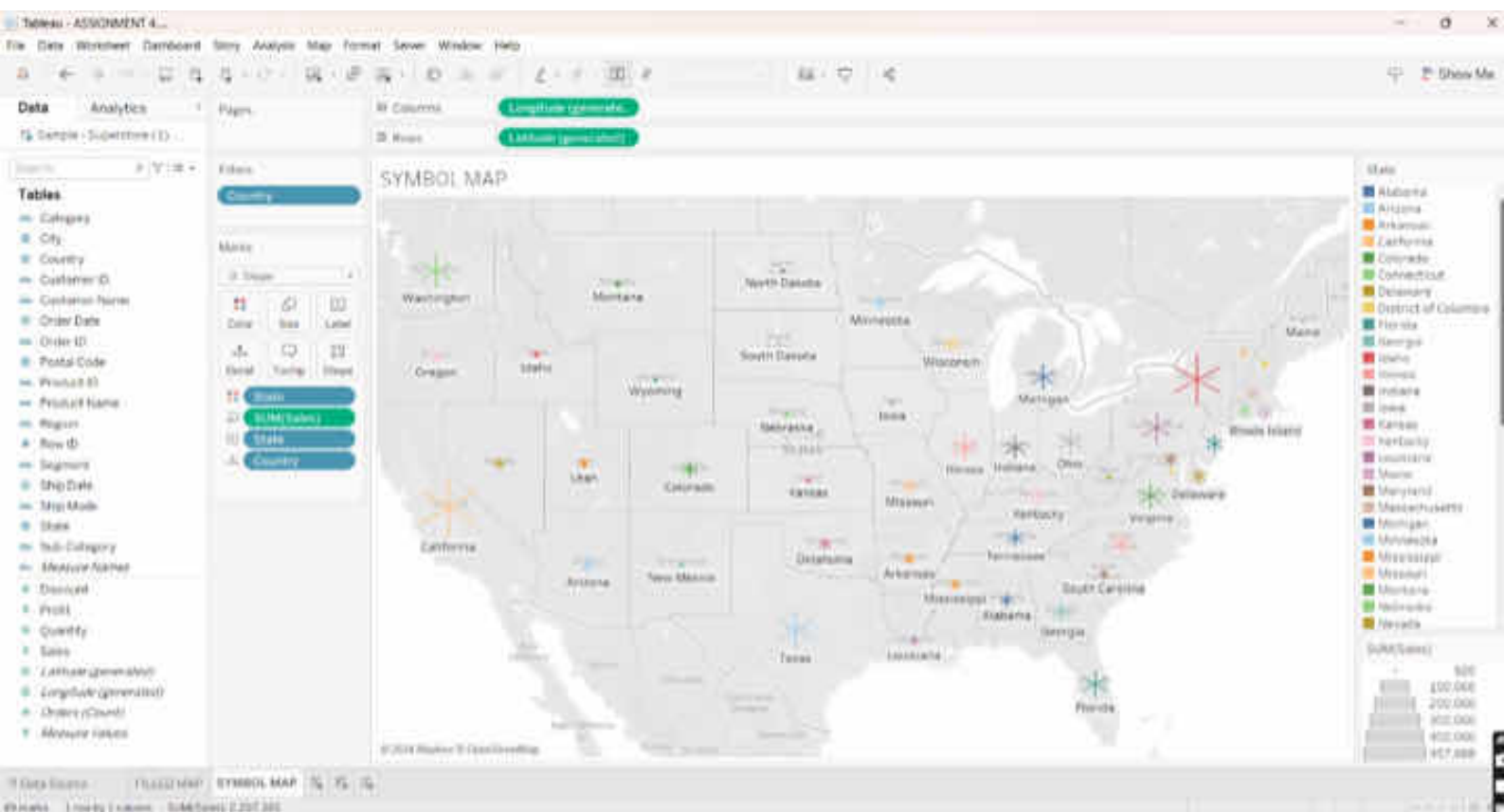
FILLED MAPS:

- Filled maps in Tableau are similar to symbol maps, but they include many more data points. While a symbol map draws a symbol at the intersection of each latitude and longitude pair.
- Filled maps show your data as shaded areas. Heatmaps show your data using a color gradient. Line maps show you data as lines or paths over a geographic area. Connection maps shows your data as pairs of points that are connected by a line or an arc.
- The above filled map shows the united country and where mentioned the names of the states in this filled map, it was colored with different colors for different states in the filled map.



SYMBOL MAPS:

- Symbol maps in Tableau are similar to Filled maps, but they include many more data points. While a symbol map draws a symbol at the intersection of each latitude and longitude pair.
- Symbol maps show your data as shaded areas. Heatmaps show your data using a color gradient. Line maps show you data as lines or paths over a geographic area. Connection maps shows your data as pairs of points that are connected by a line or an arc.
- The above symbol map shows the united country and where mentioned the names of the states in this symbol map, it was colored with different colors for different states in the symbol map.



TASK 3: TOP N PARAMETERS OR DYNAMIC DIMENSION PARAMETERS:

- The first step to showing the dimension members of the top N grouping everything else into one line is to create a parameter for the top N. This will eventually allow the end user to choose how many individual dimension members to show (i.e. top 12, top 10, top 5 and so on).
- In this visualization, I give the top 3 parameters according to the sub-category dataset column.
- Right click on the field sub-category and go on to the tab named top. Here, choose the second radio option Top 15 by sum of quantity.

