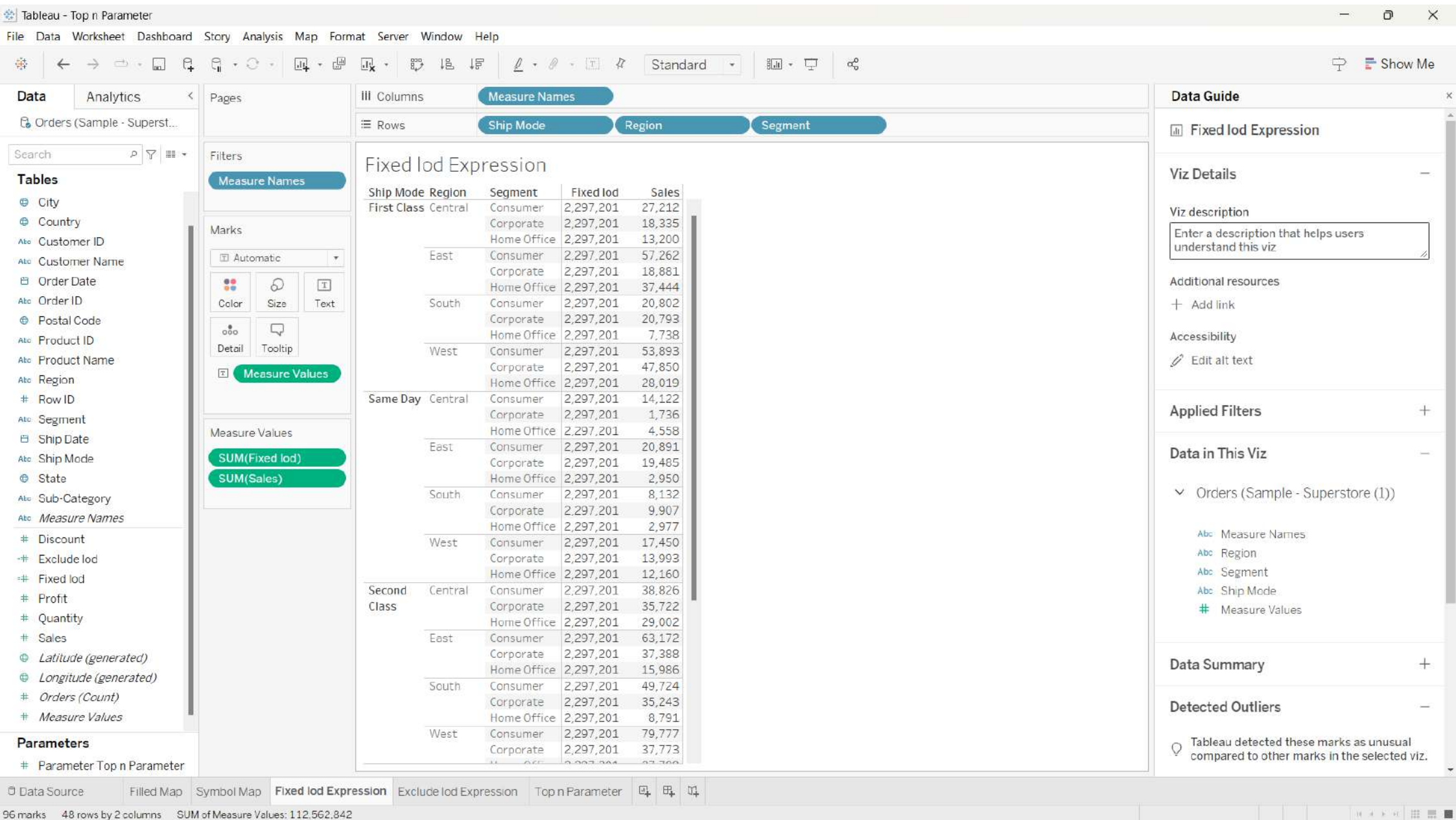


TASK 1 : LOD EXPRESSIONS :

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 Segment Wise sales in a Ship mode.
- In this ship mode there are some classes and they are:
 1. First Class
 2. Second Class
 3. Standard Class
- These classes are again categorized into Regions like Central, East, South, West and segments like Consumer, Corporate ,Home office.
- This LOD expression shows the sales region and segment as well as class.
- Where the fixed sale value is 2,297,201 and it was obtained by sum of all profits.



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.

24 marks 12 rows by 2 columns SUM of Measure Values: 286,733

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.



Data

Orders (Sample - Superst...

Search

Tables

- 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
- Exclude lod
- Fixed lod
- Profit
- Quantity
- Sales
- Latitude (generated)
- Longitude (generated)
- Orders (Count)
- Measure Values

Parameters

- Parameter Top n Parameter

Pages

Filters

Map

Marks

Color Size Label

Detail Tooltip

State

SUM(Sales)

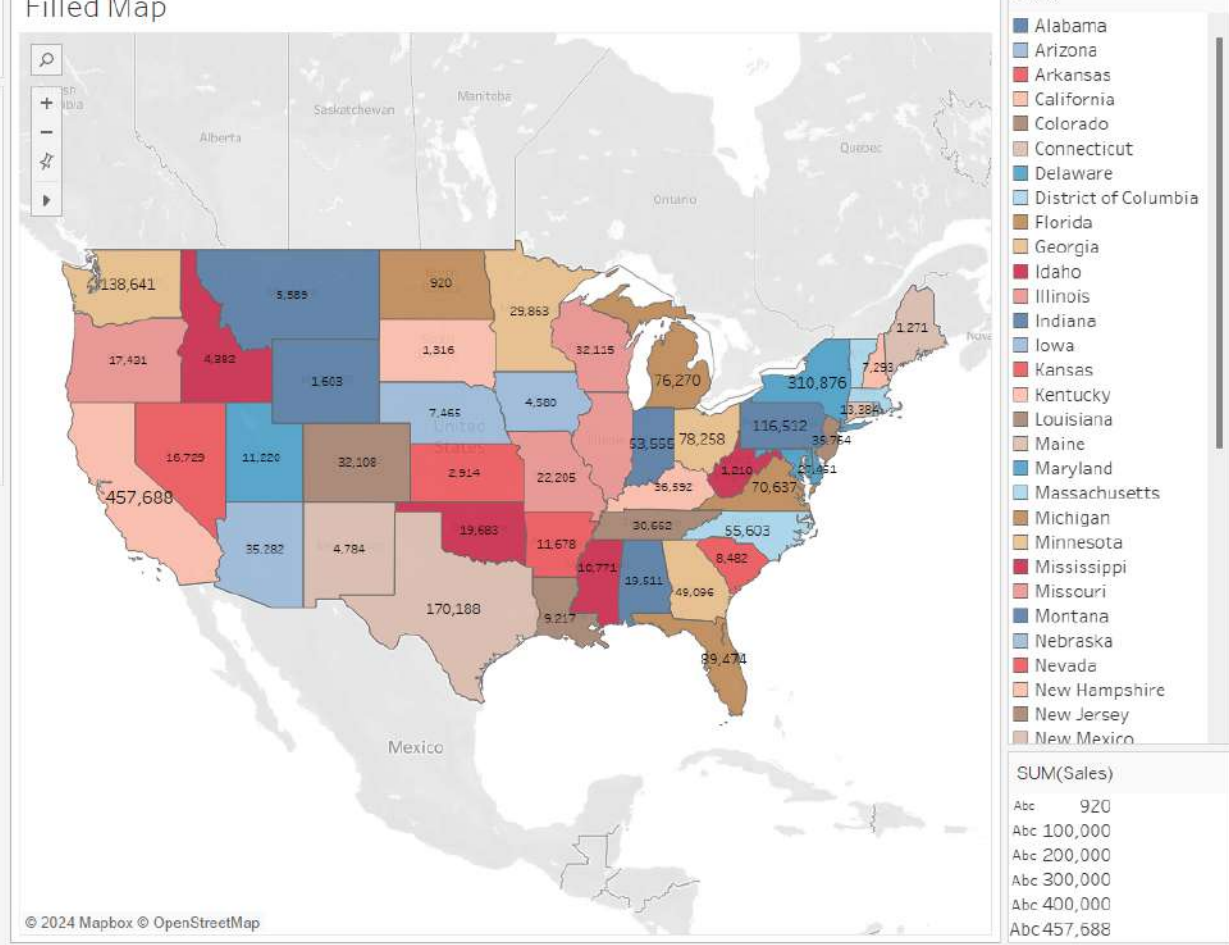
SUM(Sales)

Country

Columns Longitude (generate..

Rows Latitude (generated)

Filled Map



Data Guide

Filled Map

Viz Details

Viz description

Enter a description that helps users understand this viz

Additional resources

+ Add link

Accessibility

Edit alt text

Applied Filters

Data in This Viz

Orders (Sample - Superstore (1))

Country

State

Sales

Data Summary

Detected Outliers

Tableau detected these marks as unusual compared to other marks in the selected viz.

High United States, California

Sum of Sales: 457688

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.



Data

Analytics

Orders (Sample - Superst...

Search

Tables

- 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
- Exclude lod
- Fixed lod
- Profit
- Quantity
- Sales
- Latitude (generated)
- Longitude (generated)
- Orders (Count)
- Measure Values

Parameters

- Parameter Top n Parameter

Pages

Filters

Country

Marks

Shape

- Color
- Size
- Label
- Detail
- Tooltip
- Shape

- State
- SUM(Sales)
- State
- Country

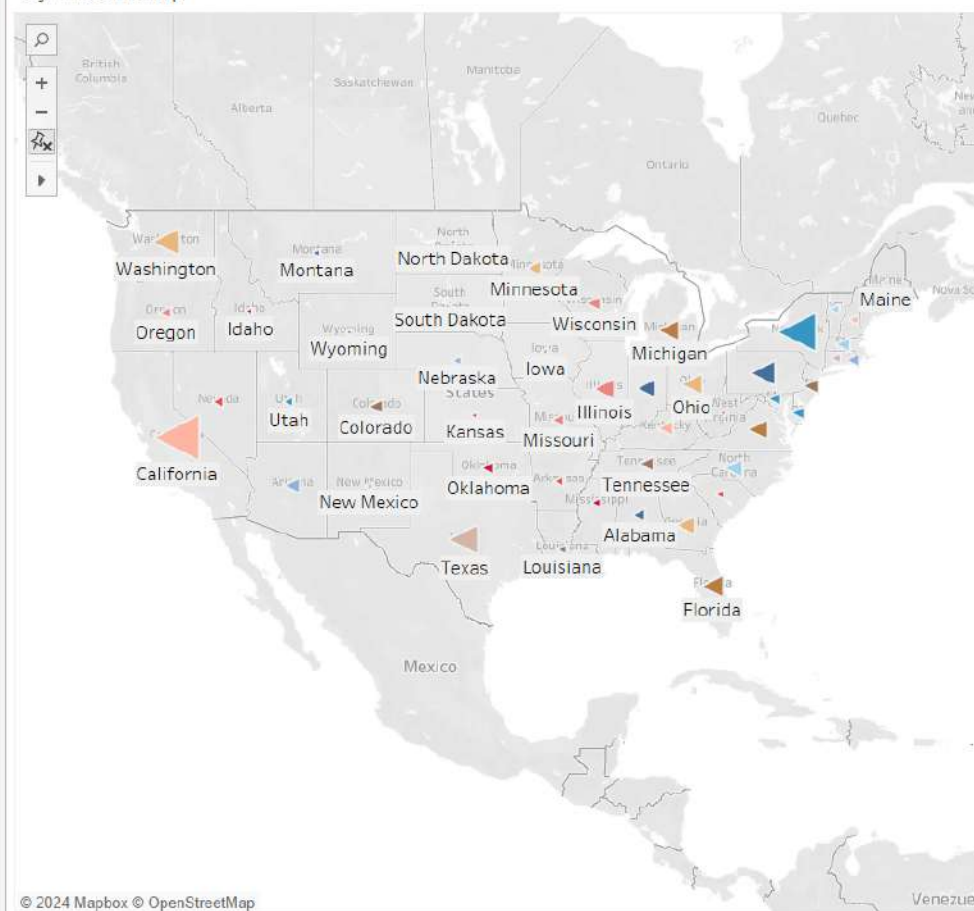
Columns

Longitude (generate..

Rows

Latitude (generated)

Symbol Map



State

- Alabama
- Arizona
- Arkansas
- California
- Colorado
- Connecticut
- Delaware
- District of Columbia
- Florida
- Georgia
- Idaho
- Illinois
- Indiana
- Iowa
- Kansas
- Kentucky
- Louisiana
- Maine
- Maryland
- Massachusetts
- Michigan
- Minnesota
- Mississippi
- Missouri
- Montana
- Nebraska
- Nevada
- New Hampshire
- New Jersey
- New Mexico

SUM(Sales)

- 920
- 100,000
- 200,000
- 300,000
- 400,000
- 457,688

Data Guide

Symbol Map

Viz Details

Viz description

Enter a description that helps users understand this viz

Additional resources

+ Add link

Accessibility

Edit alt text

Applied Filters

Data in This Viz

Orders (Sample - Superstore (1))

- Country
- State
- Sales

Data Summary

Detected Outliers

Tableau detected these marks as unusual compared to other marks in the selected viz.

High United States, California
Sum of Sales: 457688

TASK 3 : TOP N PARAMETER 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 17, top 9, 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 17 by sum of quantity.*

