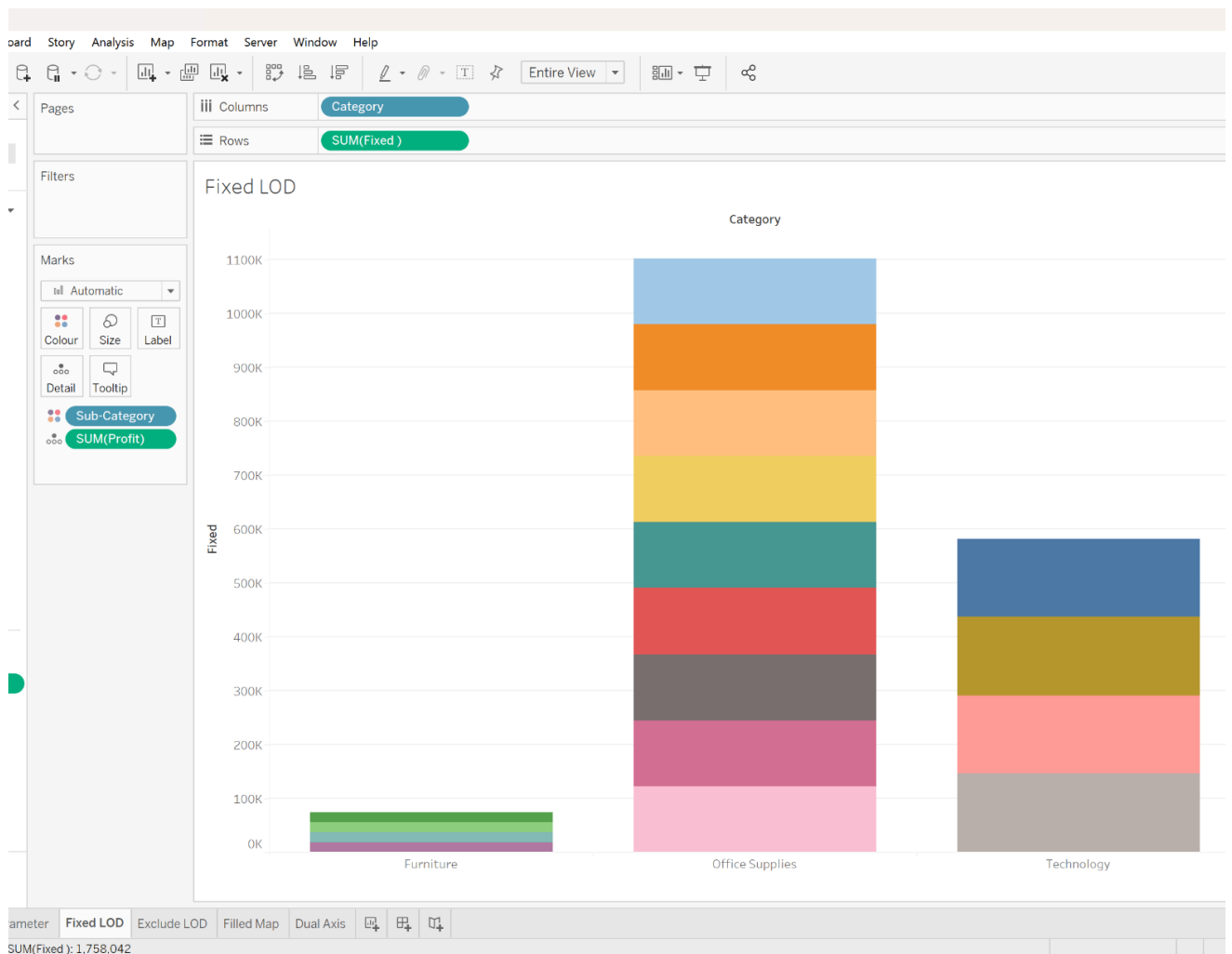


DATA ANALYTICS WITH TABLEAU

ASSIGNMENT-4

TASK 1: CREATE ONE FIXED AND ONE EXCLUDE LOD EXPRESSION

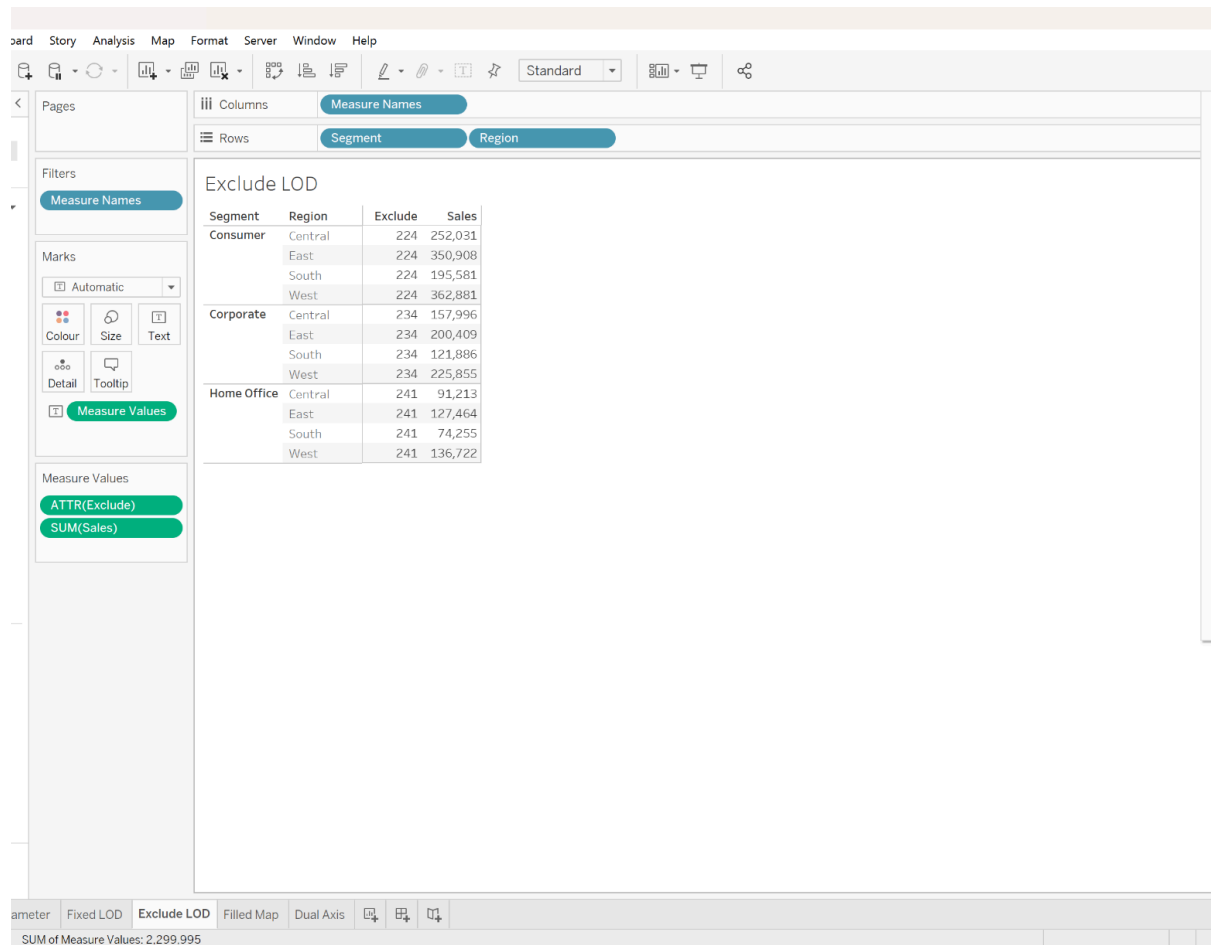
FIXED LOD EXPRESSION:



- The Above Visualization is Called Stacked Bar Chart.
- I Have Used Fixed LOD Expression
- While Creating This Fixed LOD Expression, I have used the below Formula
{FIXED [Category]: SUM([Profit])}

The above visualization defines the Sum of Profit for different Categories and Sub-Categories. Since we have used Fixed LOD Expression, The sum of profit is fixed for categories.

EXCLUDE LOD EXPRESSION:

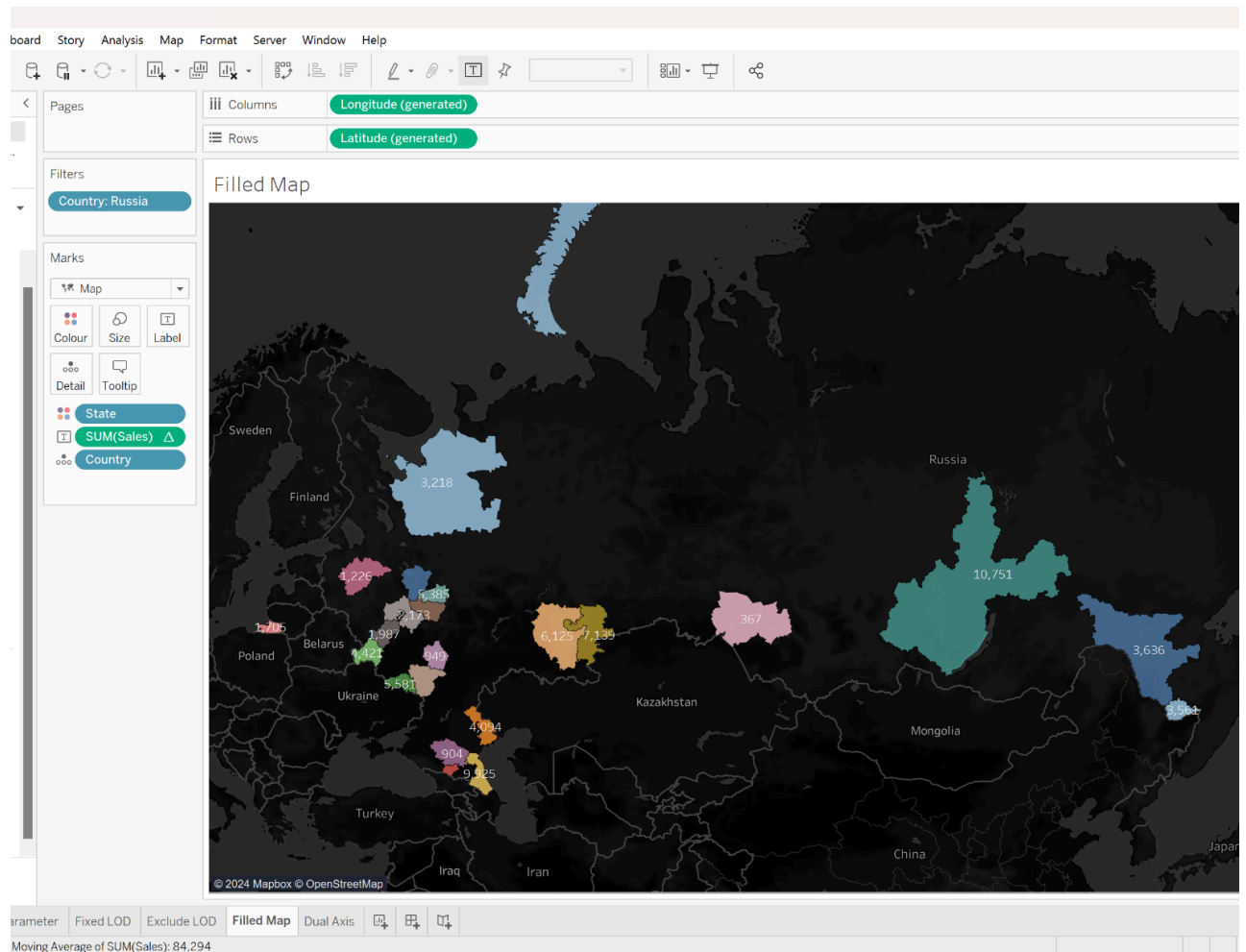


- The Above Visualization is Text Table Visualization.
- I Have Used Exclude LOD Expression
- While Creating this Exclude LOD Expression, I have used the below Formula {EXCLUDE [Region]:AVG([Sales])}

The above visualization defines the Average of Sales for different Regions and Segments. Since we have used Exclude LOD Expression, The average of sales is excluded for Region. It only shows us the average sales of Segments.

TASK 2: Create any 2 map visualizations using geographical data

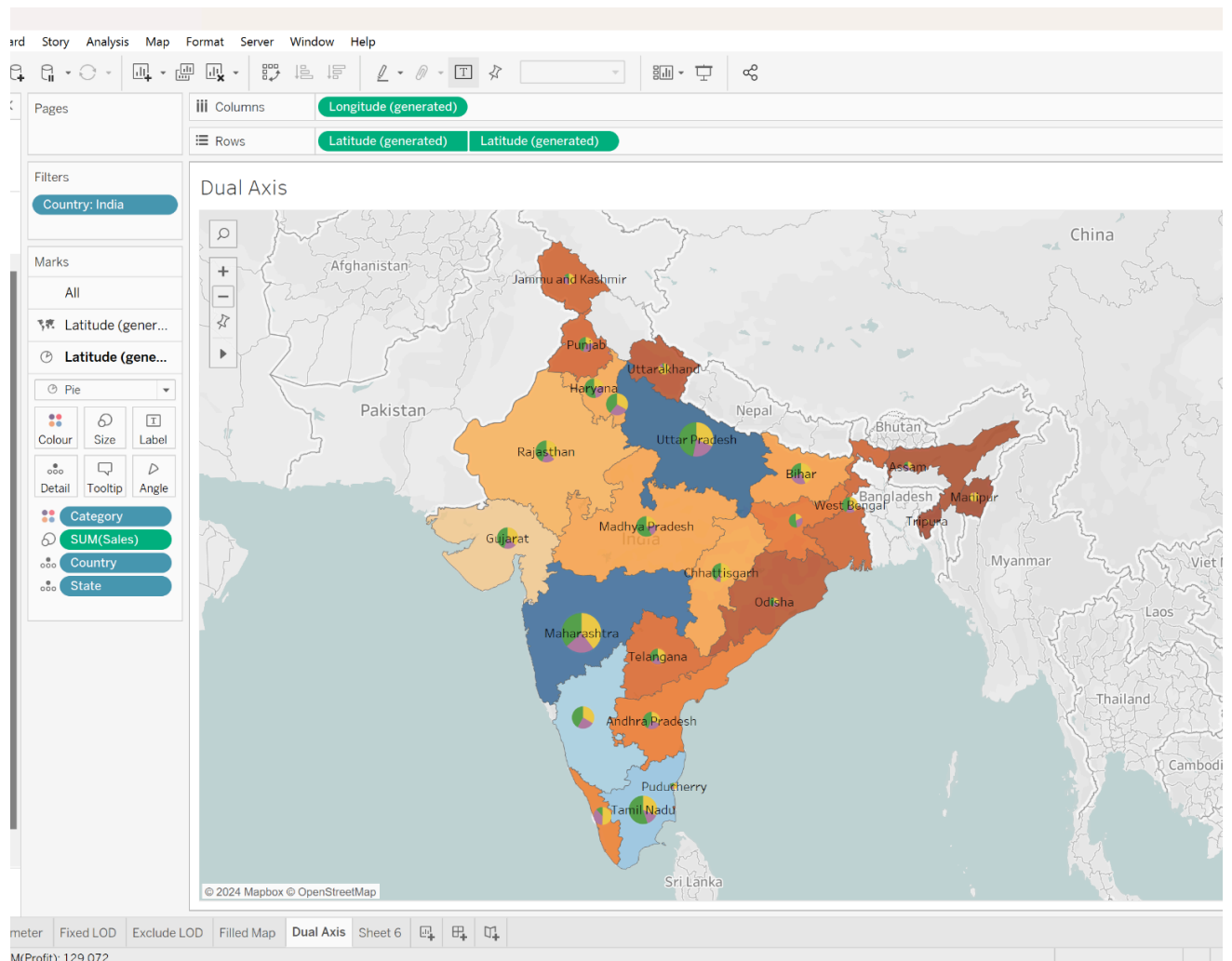
FILLED MAP:



- The Above Visualization is Called Filled Map
- I used Filter for the Country RUSSIA
- I used color to represent different states
- I used Background Map as Dark Color

This Visualization Represents the Moving Average for Sum of Sales of different States in Russia.

DUAL AXIS MAP:



- The Above Visualization is Called Dual Axis Map
- I used Filter for the Country INDIA
- I used Background Map as Normal

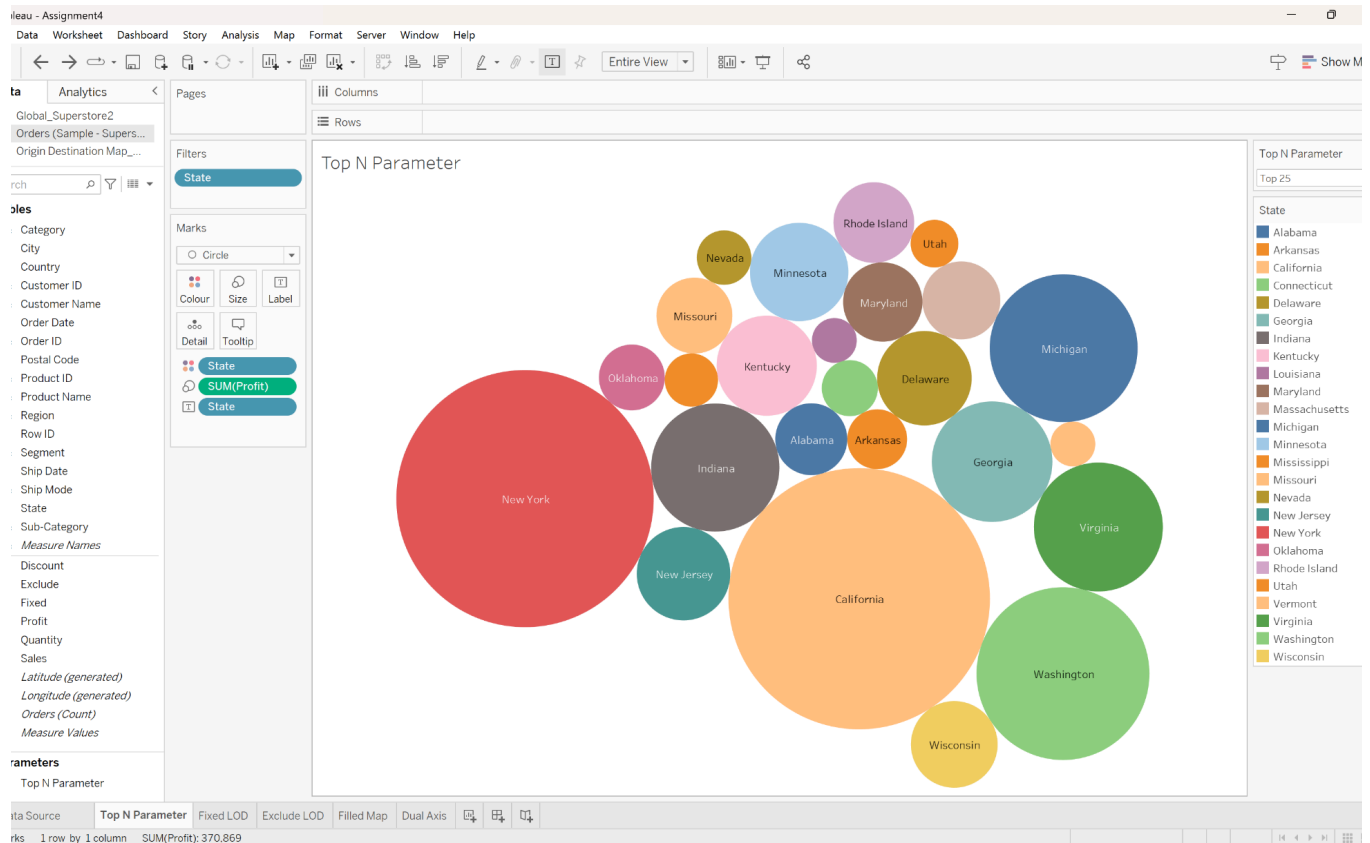
This Visualization defines Sum of Sales and Sum of Profits for various states in the country Canada.

The Colour Shaded Region defines sum of Profit

The Pie represents the Sum of Sales for different Categories for every State.

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

TOP N PARAMETER:



- The Above Visualization is Called Bubble Chart.
- I Have Created a Parameter Called “Top N Parameter”
- I accessed the values as Lists
 - ❖ Top 25
 - ❖ Showing Top 15

Then I opened filter pane select Top N Parameter in the top section and Selected Top 25

Therefore, The above visualization represents the Top 25 States of the Country US which have highest sum of Profit.