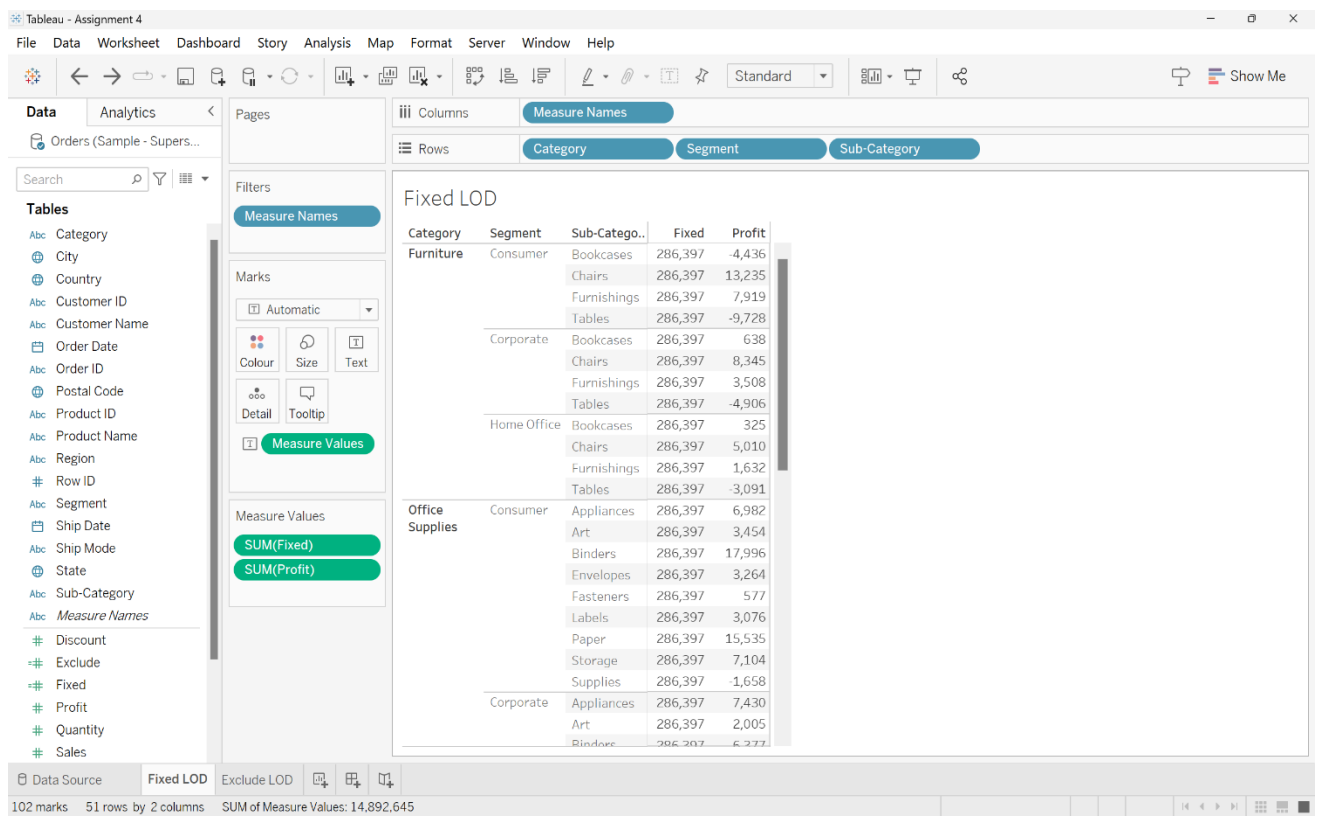# DATA ANALYTICS WITH TABLEAU

ASSIGNMENT-4

Task 1: Create one fixed and one exclude LOD expression
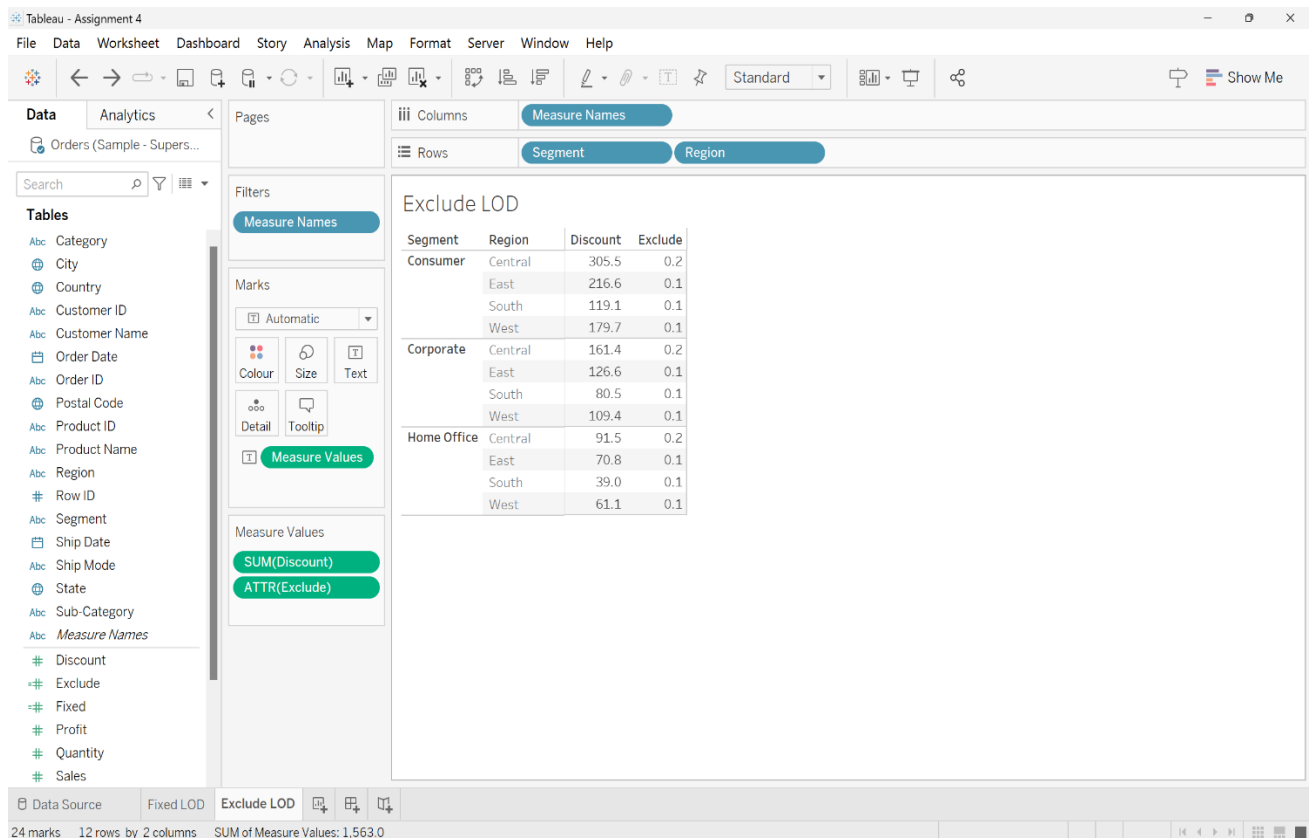
FIXED LOD EXPRESSION:

> ➢ **Above Visualization is called Text Table Visualization.**
> ➢ **I have created a Fixed LOD Expression by using above visualization.**
> ➢ **For this I used the below formula_**
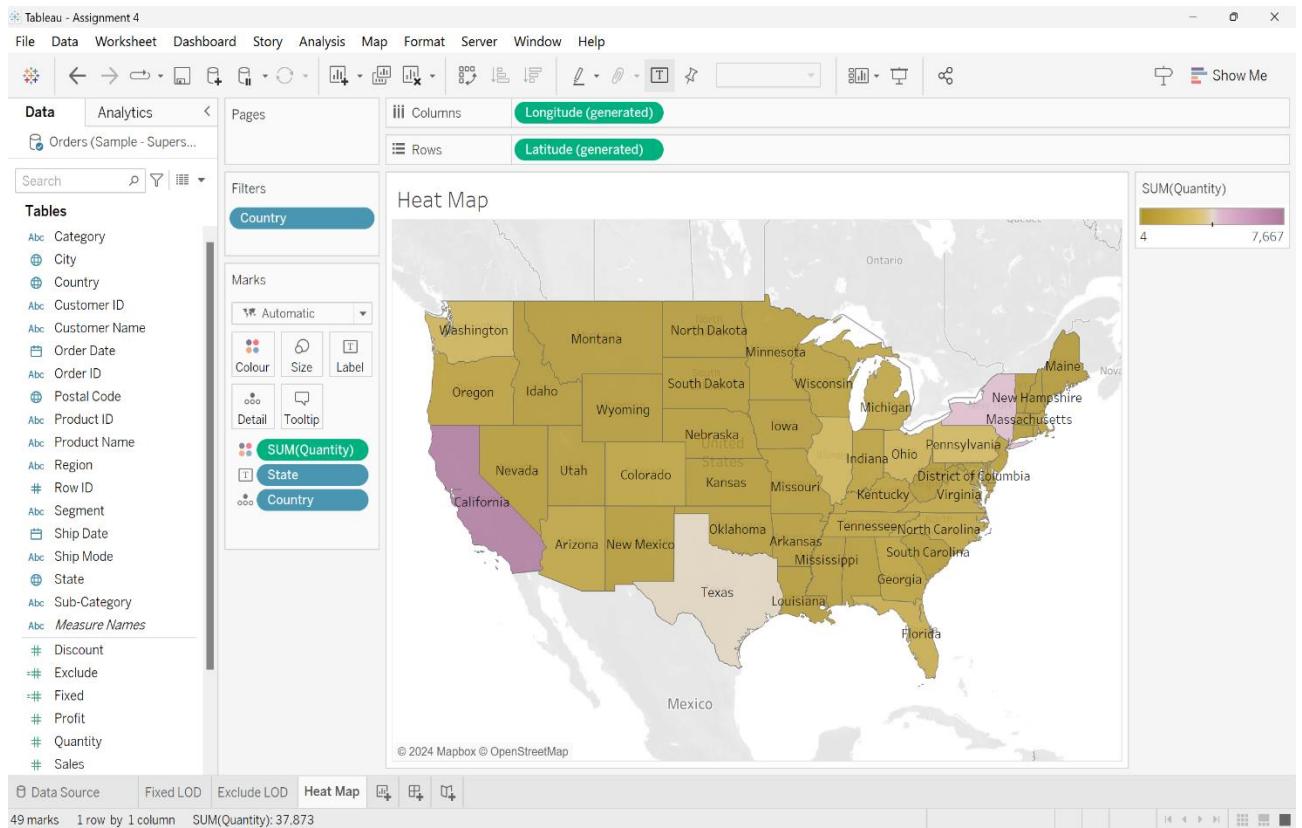
{FIXED: SUM([Profit])}

EXCLUDE LOD EXPRESSION:

➢ **Above Visualization is called Text Table Visualization.**
➢ **I have created a Exclude LOD Expression by using above visualization.**
➢ **For this I used the below formula_**
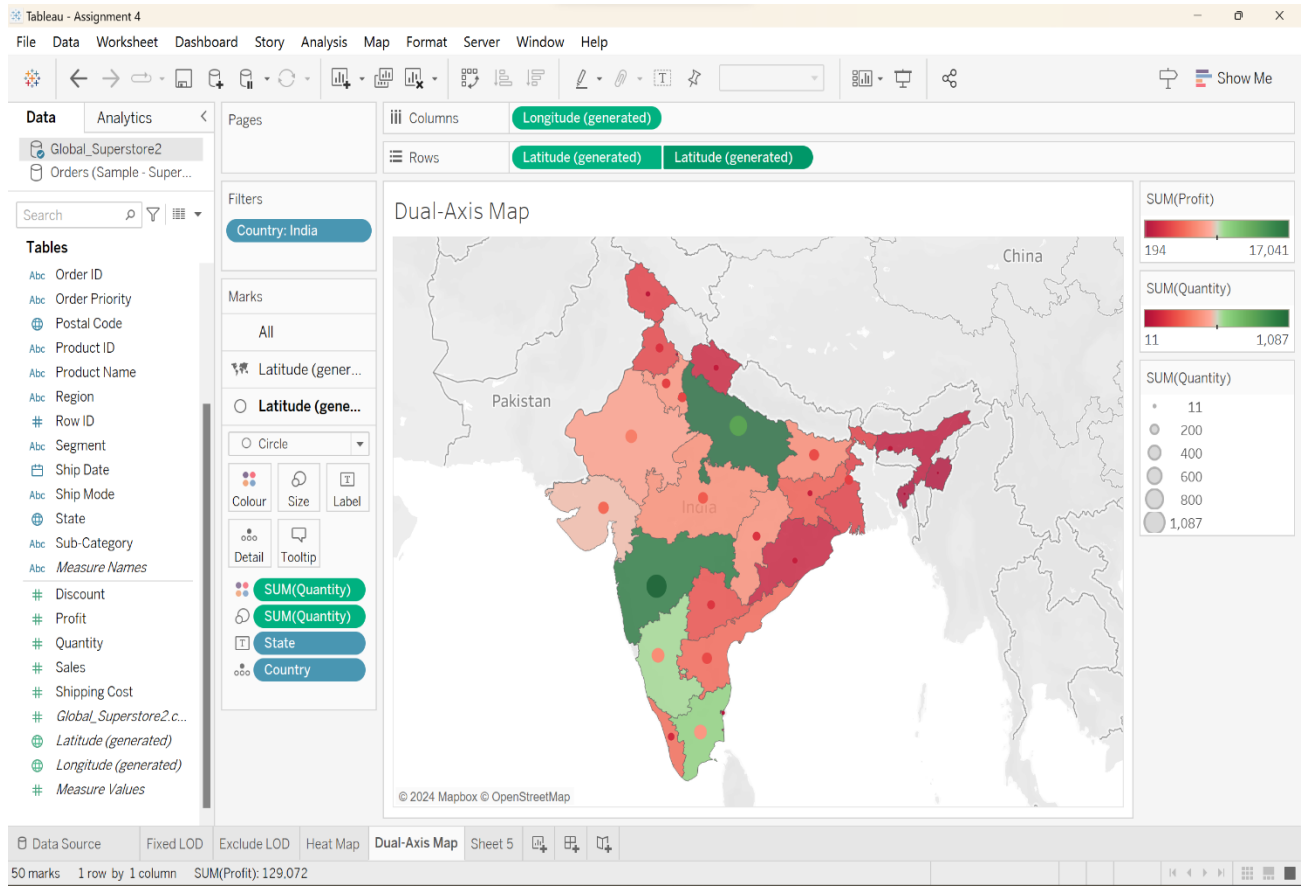   **{EXCLUDE [Segment1]: AVG([Discount])}**

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

HEAT MAP:

➢ **Above Visualization is called Heat Map.**
➢ **In Filters I used the Country United States.**
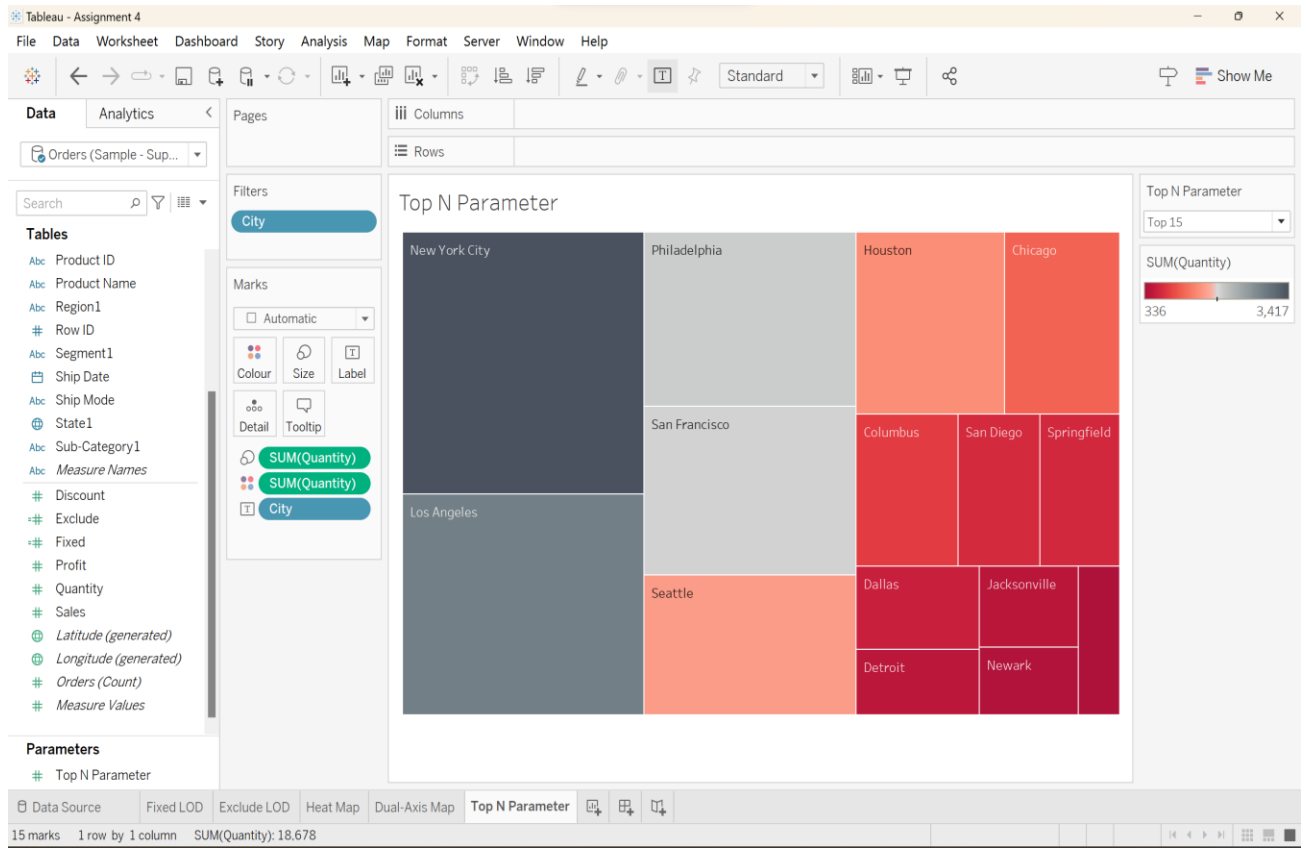➢ **I used Gold-Purple Diverging colour to represent different states.**

DUAL-AXIS MAP:

- ➢ **Above Visualization is called Dual-Axis Map.**
- ➢ **In Filters I used the Country INDIA.**
- ➢ **I used Red-Green Diverging colour to represent different states.**

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

TOP N PARAMETER:

> ➢ **Above Visualization is called Tree Map.**
> ➢ **I have Created a Parameter called "Top N Parameter"**
> ➢ **I selected the values as Lists**
>   > ✓ **Top 15**
>   > ✓ **Showing Top 15**