

Assignment – 4

Task-1: 1 Fixed and 1 Exclude LOD expressions.

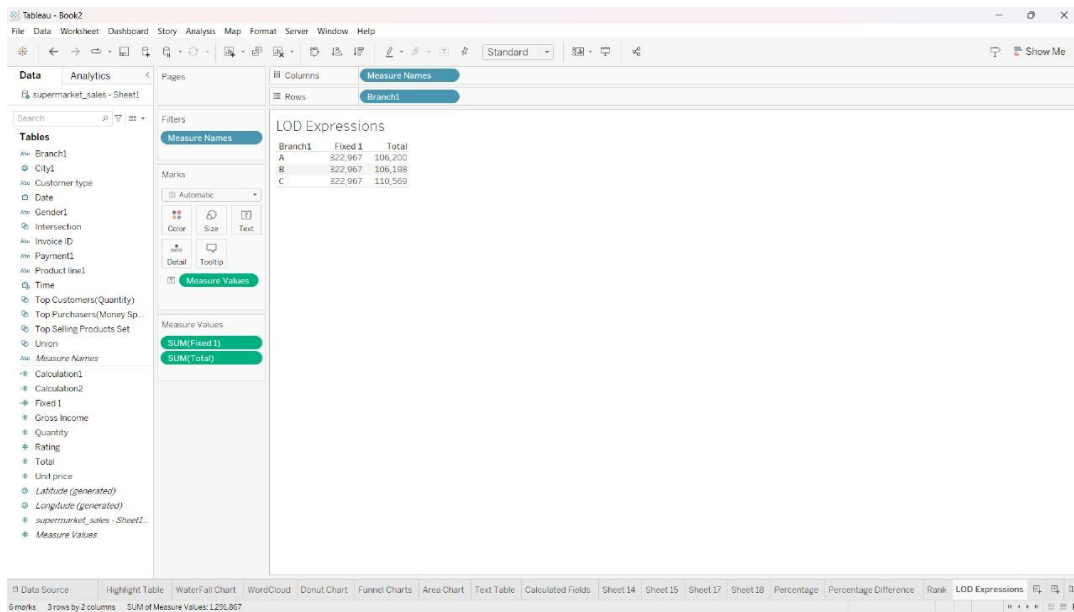
Fixed: Used “Fixed” type LOD expression to calculate the Total sales across the three branches(A,B,C) with respect to their individual sales.

Syntax: {FIXED : Sum([Total])}

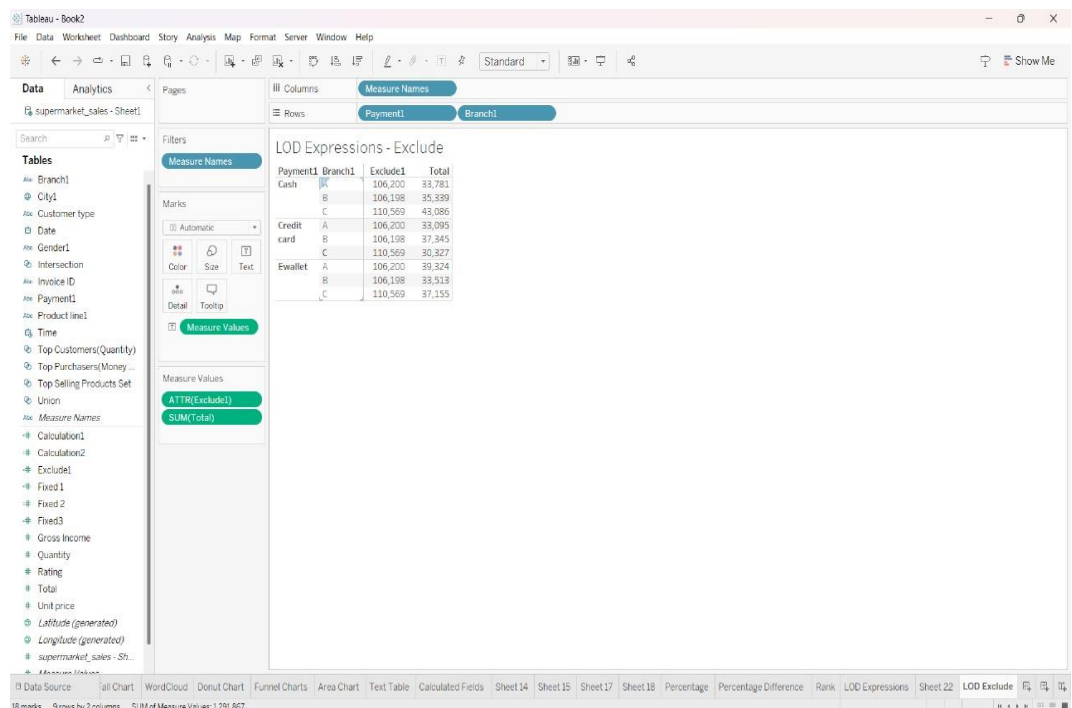
Exclude: Used “Exclude” type LOD expression to exclude the total no. of payments made by each payment method(Cash, Credit Card, Ewallet) to show the total no. of individual payments in each Branch(A,B,C).

Syntax: {EXCLUDE [Payment1] : Sum([Total])}

Note: The above operations are performed on the “supermarket_sales.xlsx” dataset.



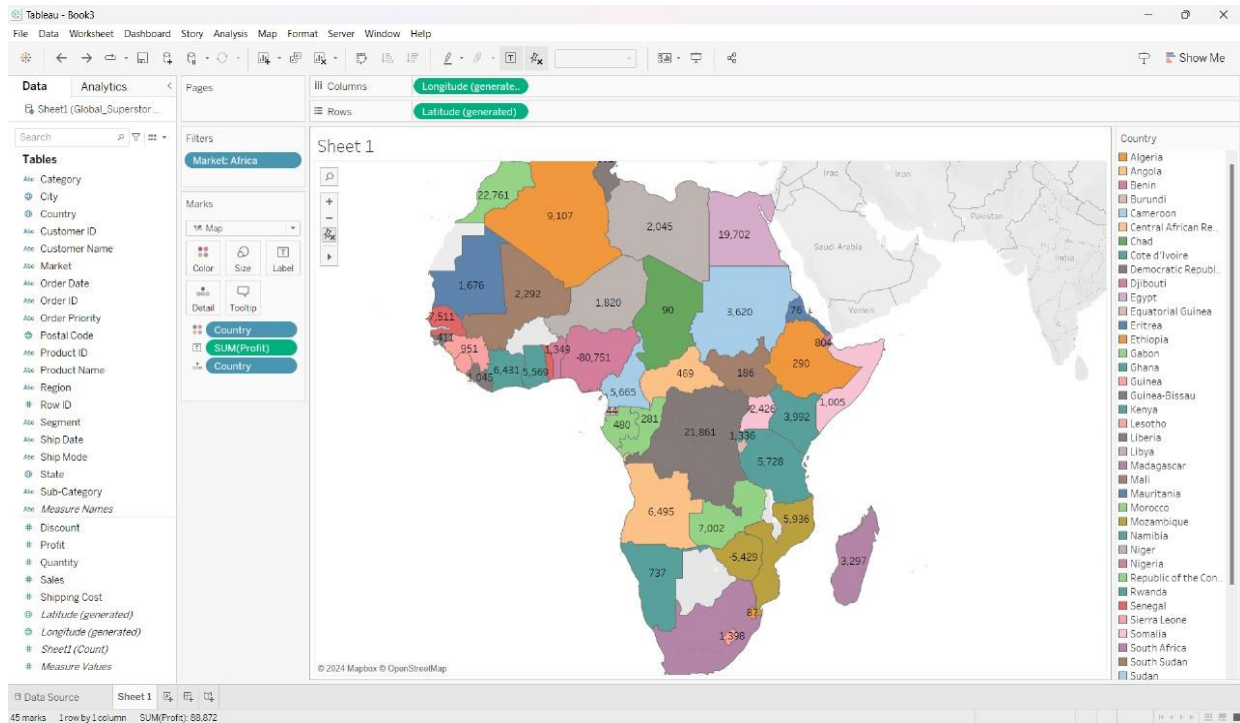
2.Exclude



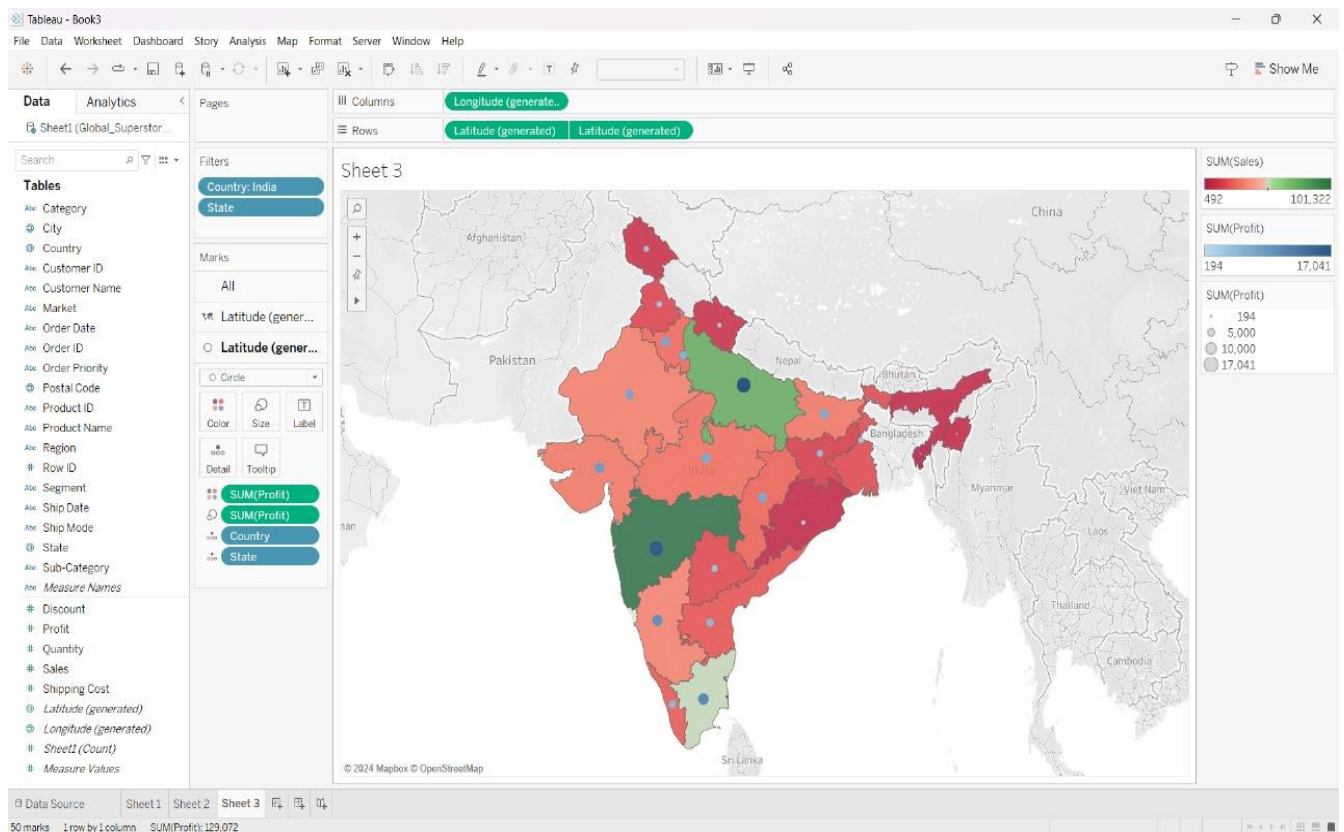
Task-2: 2 Map Visualizations using Geographic data.

1. The first one is a map which shows the total amount of “profit” generated from each state in Africa.
2. The second one is a map that shows difference between the amount of “profit” generated from each state in India, by representing it with “Sphere” symbol. The size of the sphere increases if the profit is more and vice versa.

1.



2.



Task-3: Creating and Utilising of Top N Parameter and Dimension Parameter.

Top N Parameter: Created a Top N Parameter which can display the Top 5, Top 10 and Top 15 items in each category by utilising “Filter” option.

Dimension Parameter: Created a “Dimension Parameter” by using Branch1, Customer Type and Product Line categories from the dataset. We can use this parameter to display different visualizations across these dimensions.

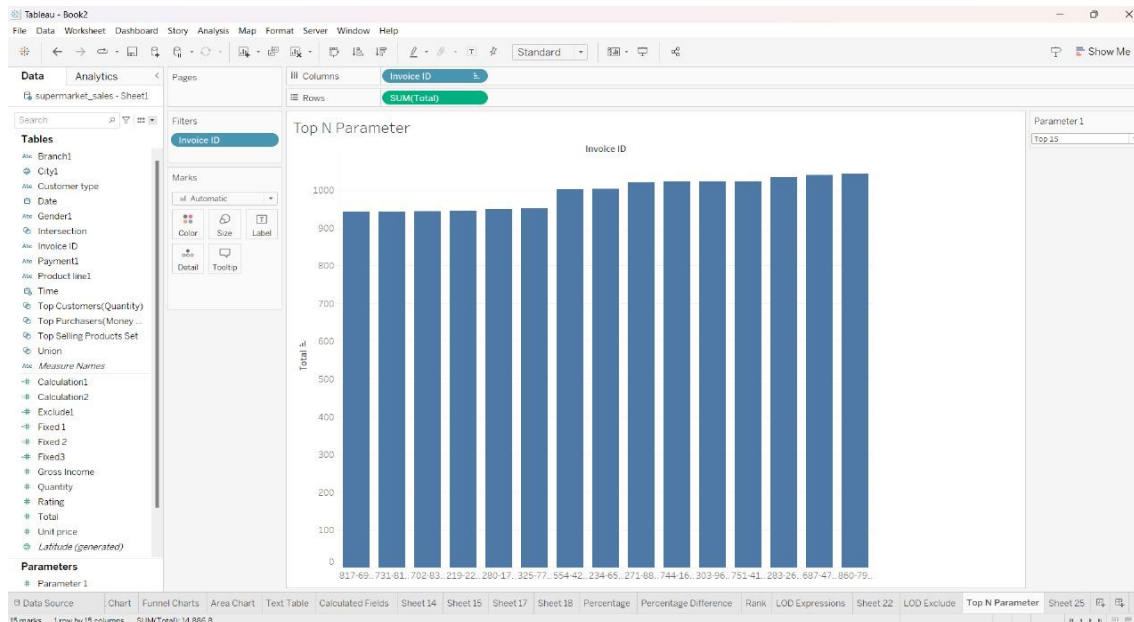
Syntax:

IF [Dimension Parameter] = "City" THEN [City1]

ELSEIF [Dimension Parameter] = "Customer Type" THEN [Customer type]

ELSEIF [Dimension Parameter] = "Product Line" Then [Product line1]

END



1.Top N Parameter

2.Dimension Parameter

