

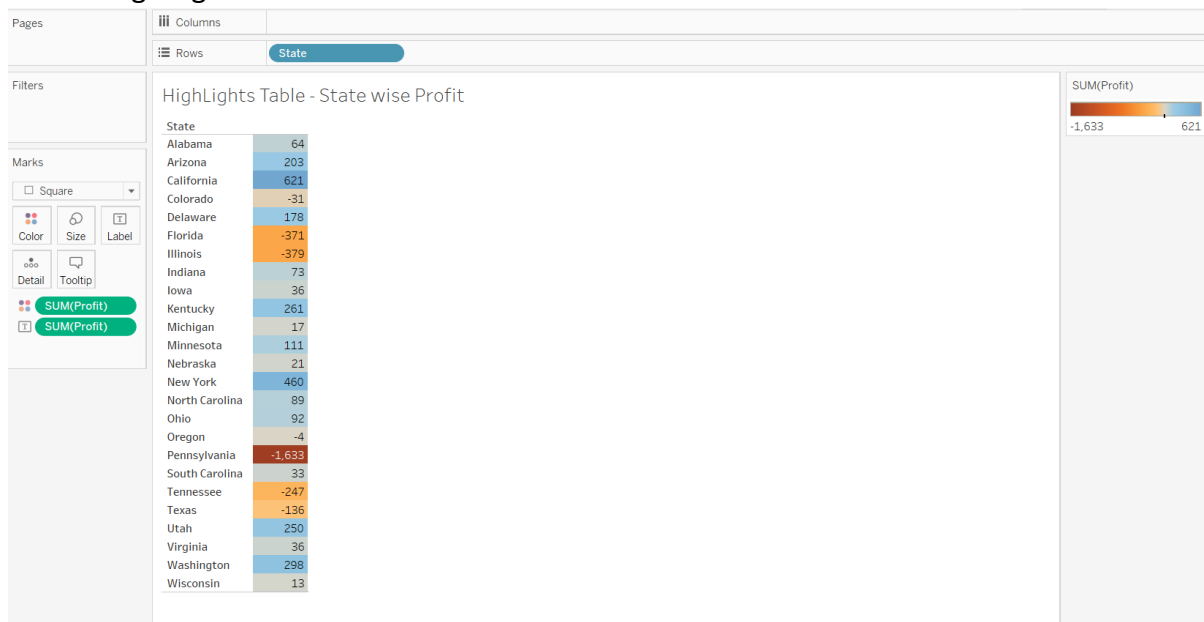
NAME : AAKASH R

REG. NO : 20BCE1003

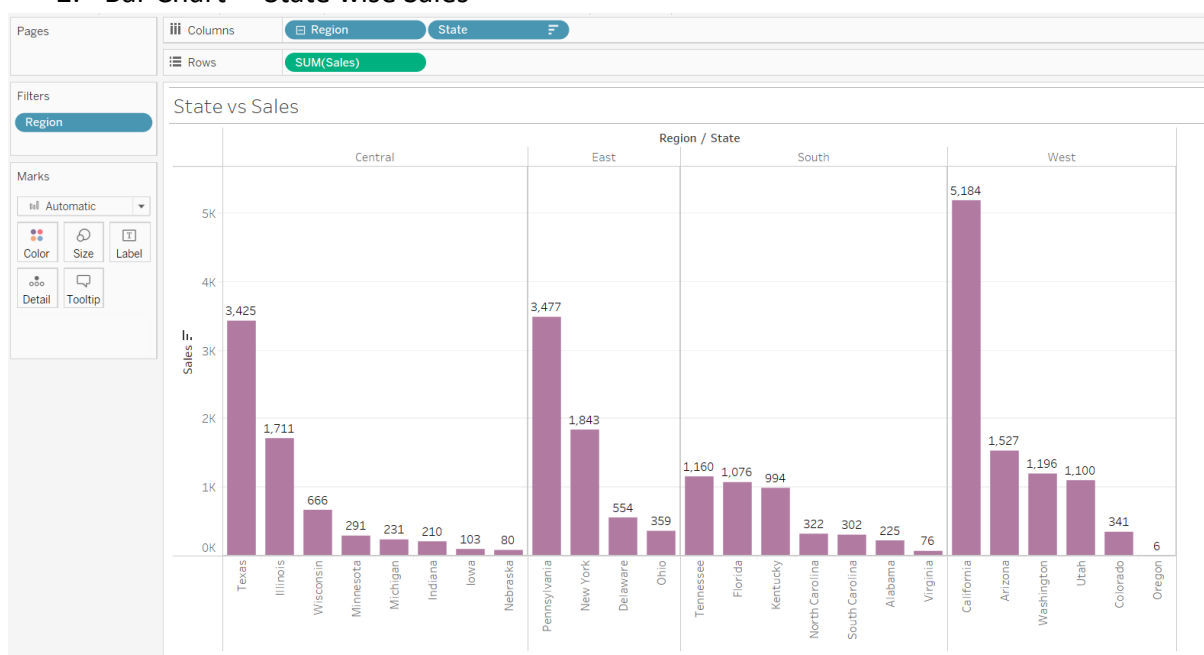
MAIL ID : aakash.r2020a@vitstudent.ac.in**ASSIGNMENT – 2**

1. Create any 7 data visualizations/charts and perform the following

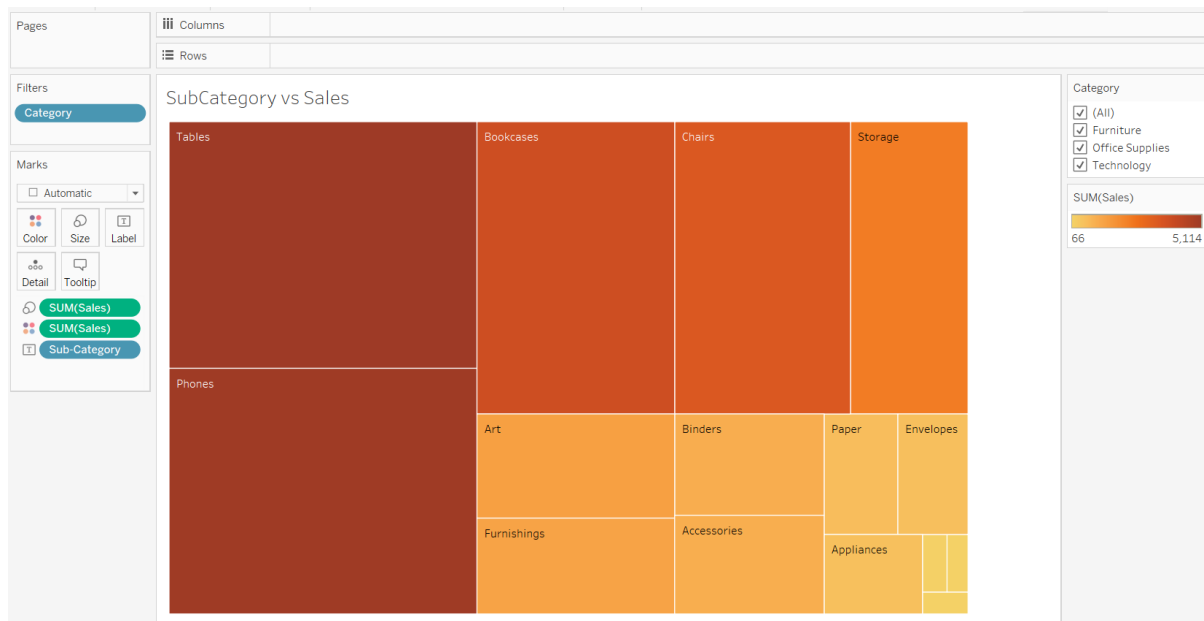
1. High Lights Table –



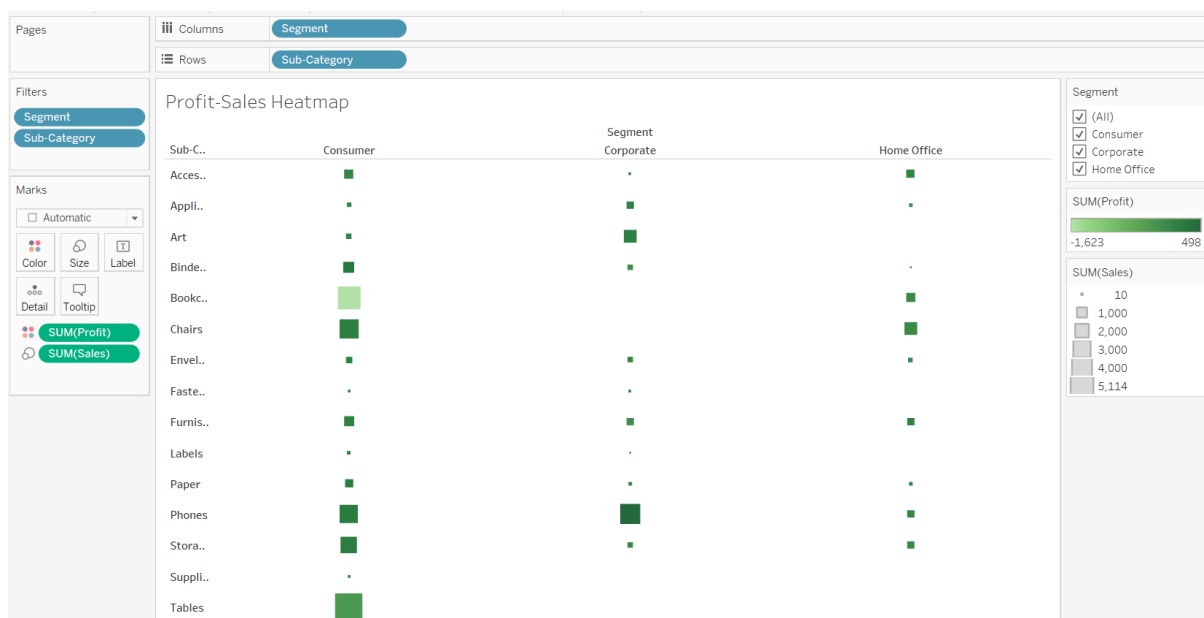
2. Bar Chart – State wise Sales



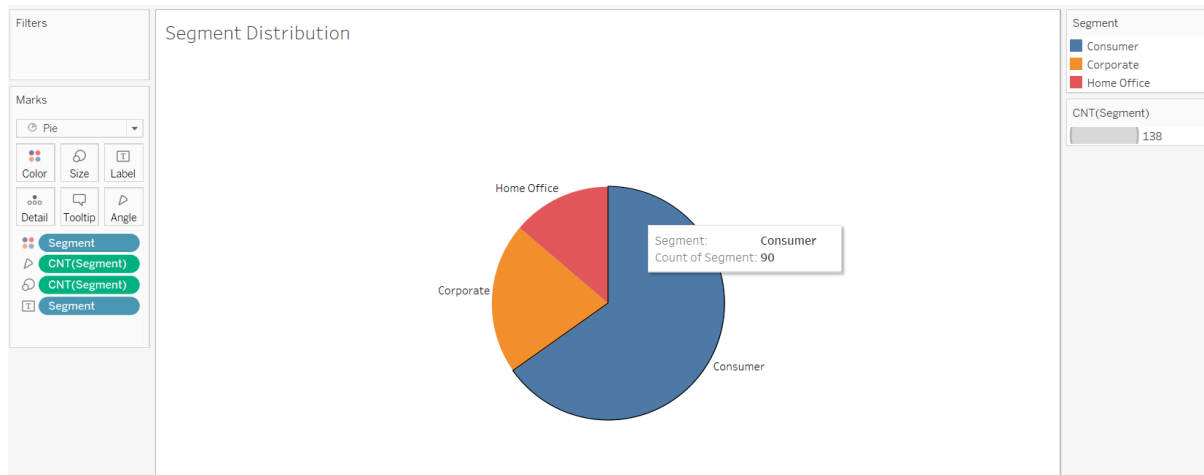
3. Tree map - Subcategory wise Sales



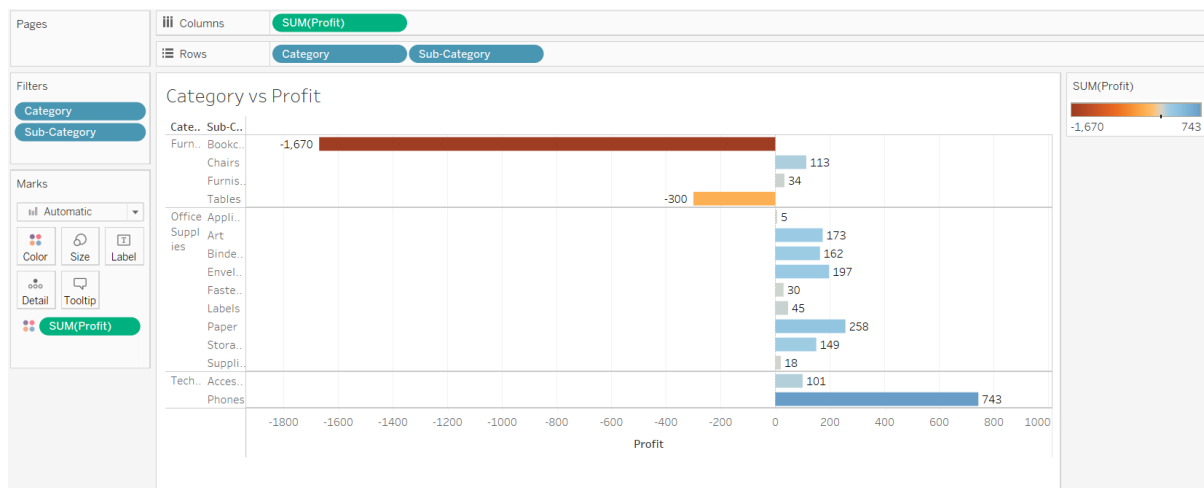
4. Heatmap



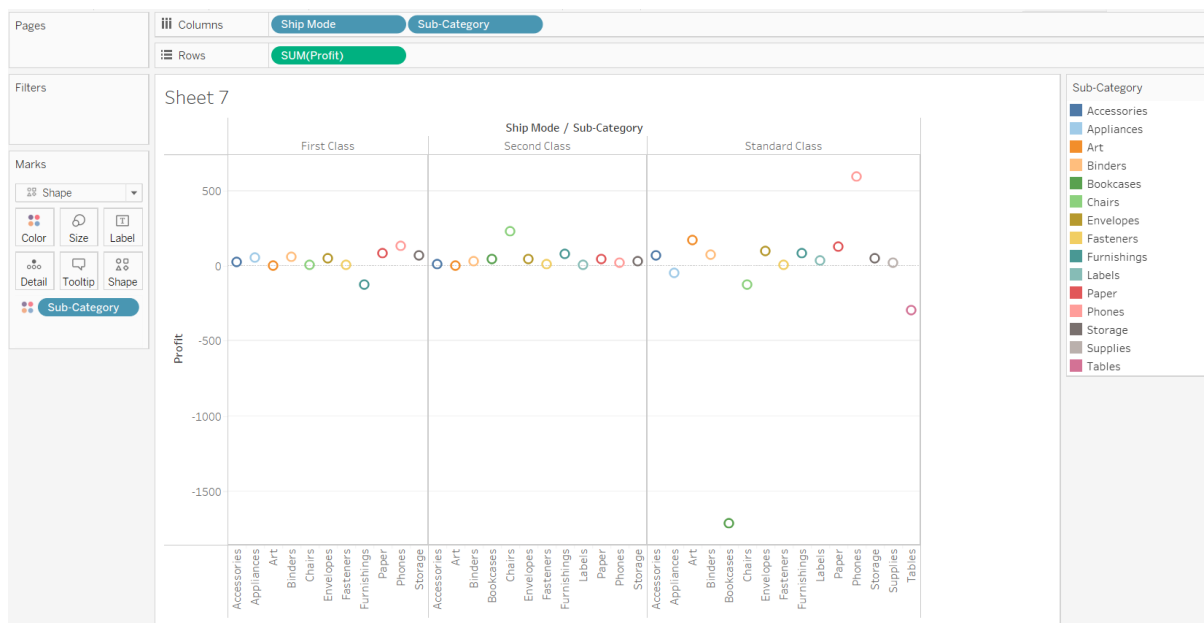
5. Pie chart – Segment Frequency



6. Horizontal bar chart – Category wise Profit/Loss

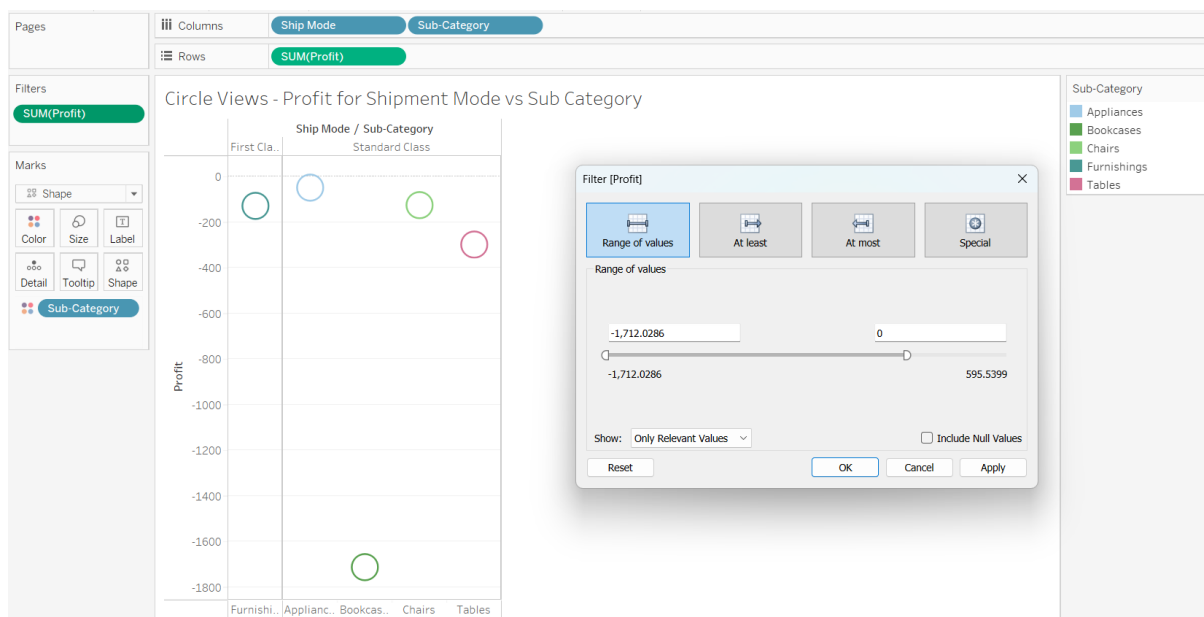


7. Circle Views –

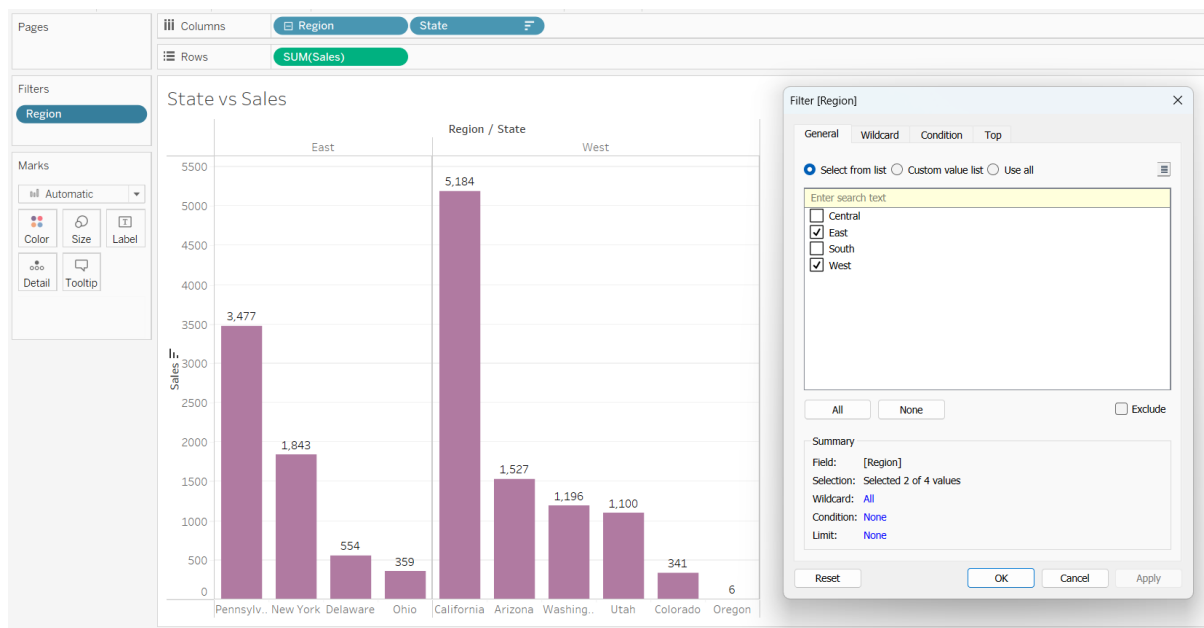


2. Apply dimension filter, context and measure filter on any of the three visualizations

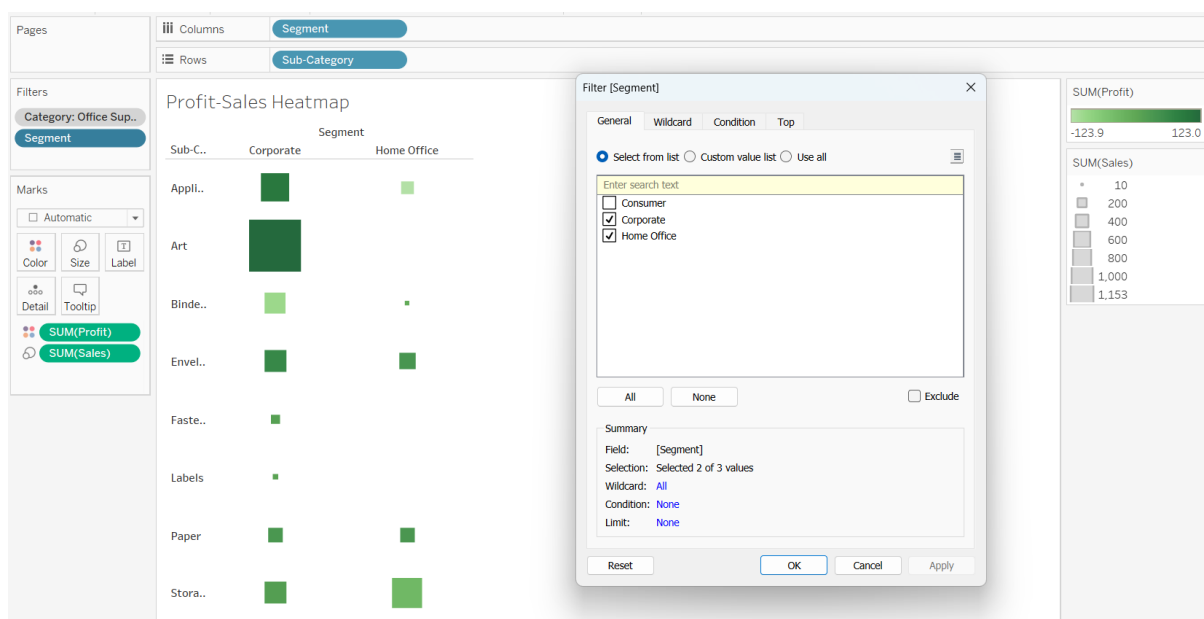
1. Measure Filter – Filtering out subcategories that give a loss under each shipment Mode
Measure Filter on SUM(Profit) with minimum as -1713 and maximum as 0 to get loss.



2. Dimension Filter - Using 'Region' dimension as a filter to see only the sales of States that belong to the 'east' & 'west' Regions of the United States.



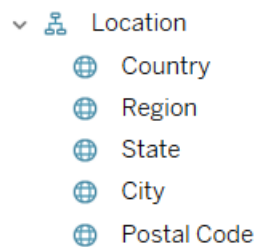
3. Context Filter - Adding Category as Context Filter to Context. To view the heatmap of 'Office Supplies' Category for 'Corporate' and 'Home Office' Segment, a context filter is used.



3. Perform the following data manipulations on your dataset

- Create a Hierarchy

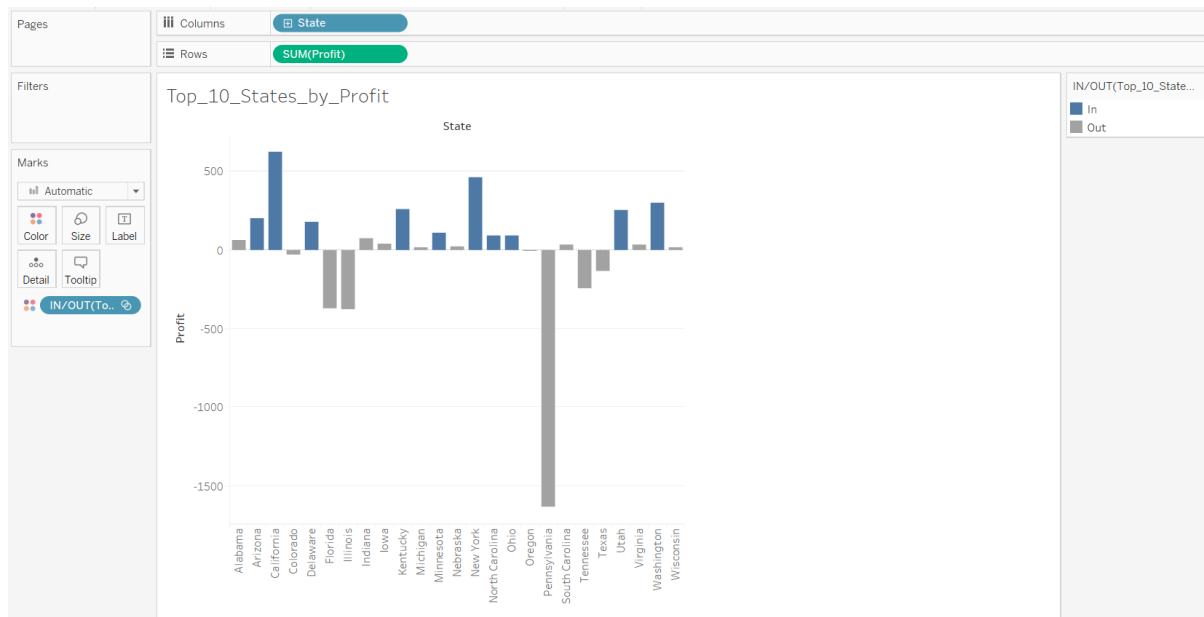
Location Hierarchy –



- Create a set

Set of Top 10 States by Profit

The screenshot shows the 'Create Set' dialog box in Tableau. The 'Name' field is set to 'Top_10_State_by_Profit'. The 'General' tab is selected. Under 'By field:', the 'Top' dropdown is set to 'Top', the '10' dropdown is set to '10', and the 'by' dropdown is set to 'Profit'. The 'Sum' dropdown is set to 'Sum'. The 'By formula:' section is not selected. The 'Reset', 'OK', and 'Cancel' buttons are at the bottom.



- Create a group

Sub Categories grouped by purpose and use as 'Electronics', 'Furniture', 'Stationary' & 'Others'

