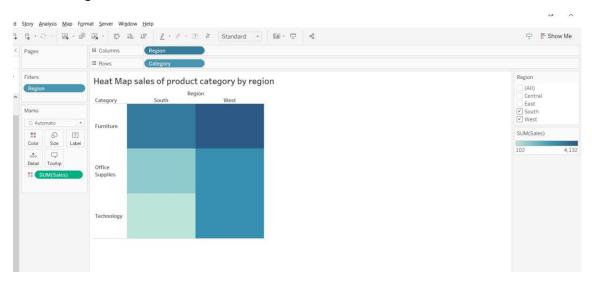
Assignment - 2

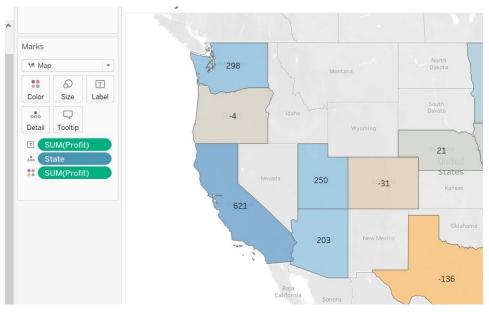
Name: Madhav Mishra Reg. No: 20BCE11076 University: VIT Bhopal

- 1) Create any 7 data visualizations/charts and perform the following (attached below)
- 2) Apply dimension filter, context and measure filter on any of the three visualizations

a) Filtering



b) Dimensions



c) Measure

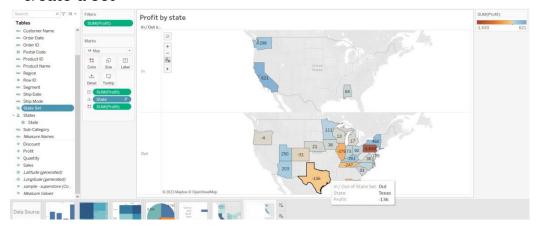


2) Perform the following data manipulations on your dataset

• create a Hierarchy



• create a set

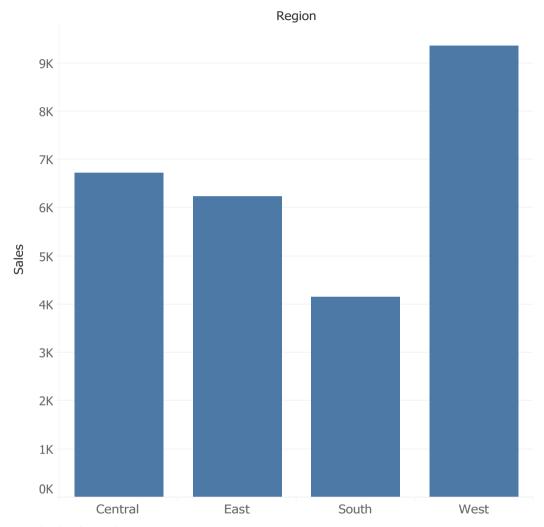


• create a group



7 visualizations:

Bar Chart (Sales by region)



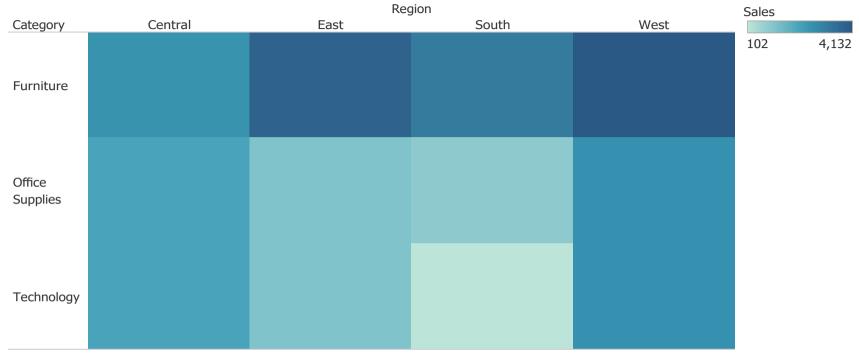
Sum of Sales for each Region.

Treemap Sales by city

Los Angeles	Houston	Orem	Memphis	Hendersor		lerdale	Sales 6 4,595
	Richardson						
		Madison			Aurora	Orland Park	
	Gilbert						
Philadelphia		Troy	San			New	
			Franci	sco			
	Seattle	Bloomington	Colum	hia			
		Bioomington	Coluit	Dia			
	New York City		Rosev	Roseville			
		Chicago					
			Phoen	ix			

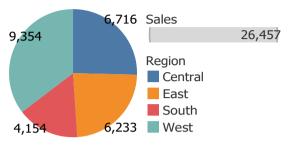
City. Color shows sum of Sales. Size shows sum of Sales. The marks are labeled by City.

Heat Map sales of product category by region



Sum of Sales (color) broken down by Region vs. Category.

Pie Chart for sale share by region



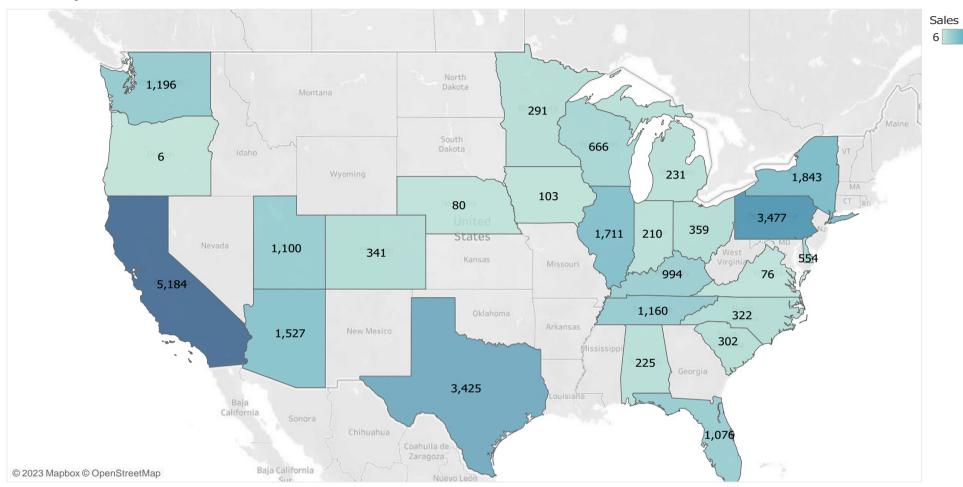
Region (color) and sum of Sales (size).

Horizontal Bar chart profit by region



Sum of Profit for each Region.

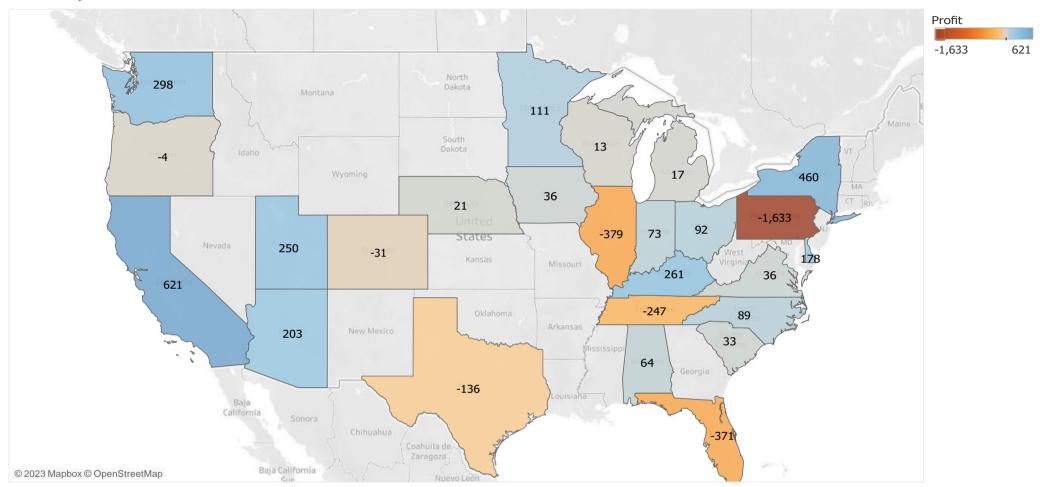
Sales by state



5,184

Map based on Longitude (generated) and Latitude (generated). Color shows sum of Sales. The marks are labeled by sum of Sales. Details are shown for State.

Profit by state



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Profit. The marks are labeled by sum of Profit. Details are shown for State.