Assignment-3

1) Create the following with whatever visualizations you have built in assignment-1 & 2(if you want you can also create new visualizations)
   - Dashboard
   - story

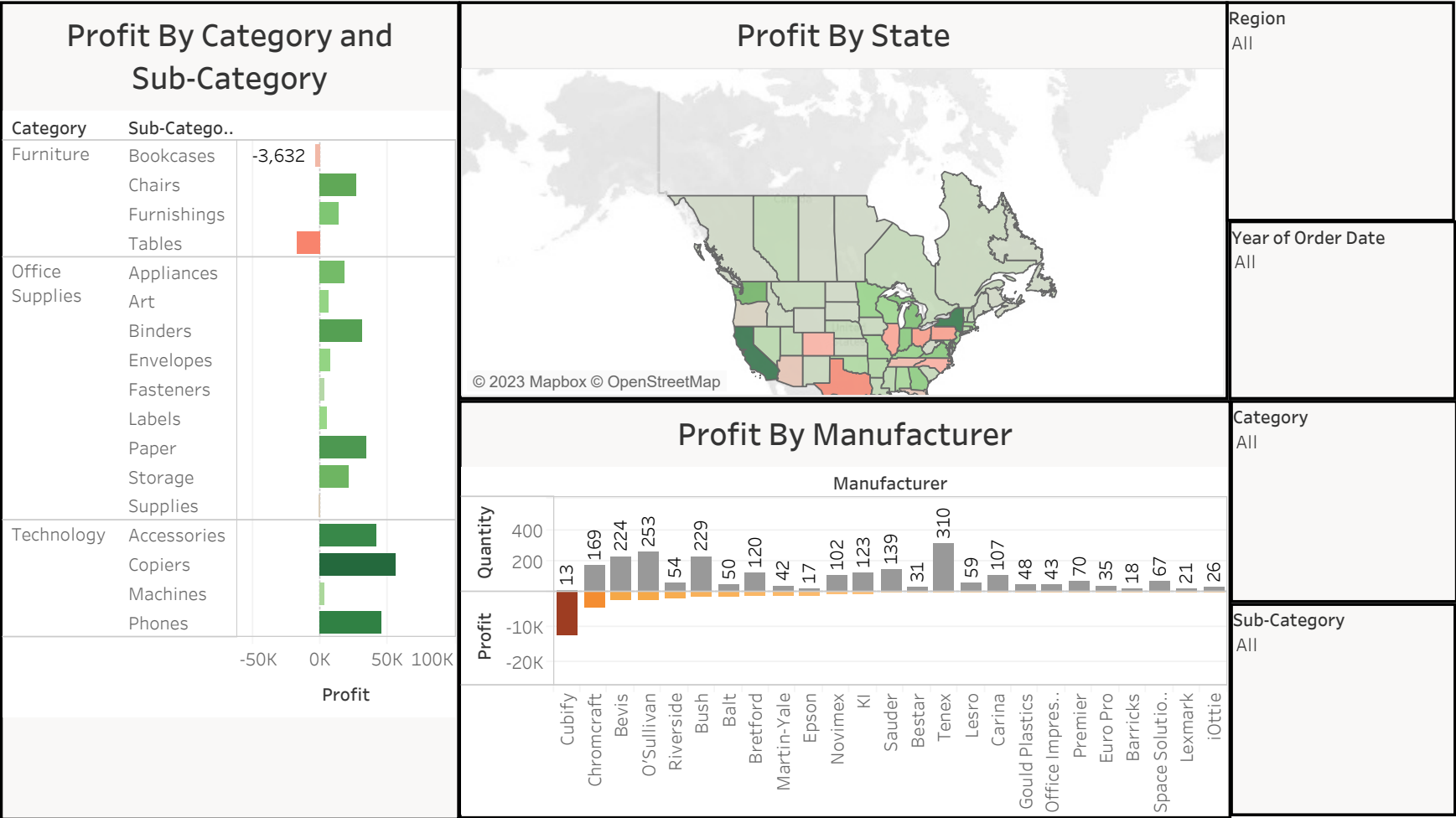2) Publish the dashboard & story on to tableau public server

Dashboard in tableau public server:

https://public.tableau.com/app/profile/rohit.n5087/viz/20BCD7097_Assignment-3/Assignment-3?publish=yes

Story in tableau public server:

https://public.tableau.com/app/profile/rohit.n5087/viz/20BCD7097_Assignment-3_Story/Story1?publish=yes

Assignment-3

Profit By Category and Sub-Category

Category	Sub-Catego..	Profit
Furniture	Bookcases	-3,632
	Chairs	
	Furnishings	
	Tables	
Office Supplies	Appliances	
	Art	
	Binders	
	Envelopes	
	Fasteners	
	Labels	
	Paper	
	Storage	
	Supplies	
Technology	Accessories	
	Copiers	
	Machines	
	Phones	

-50K   0K   50K   100K

Profit

Profit By State

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Profit By Manufacturer

Manufacturer

	Quantity
Cubify	13
Chromcraft	169
Bevis	224
O'Sullivan	253
Riverside	54
Bush	229
Balt	50
Bretford	120
Martin-Yale	42
Epson	17
Novimex	102
KI	123
Sauder	139
Bestar	31
Tenex	310
Lesro	59
Carina	107
Gould Plastics	48
Office Impres...	43
Premier	70
Euro Pro	35
Barricks	18
Space Solutio...	67
Lexmark	21
iOttie	26

400
200

Profit
-10K
-20K

Region
All

Year of Order Date
All

Category
All

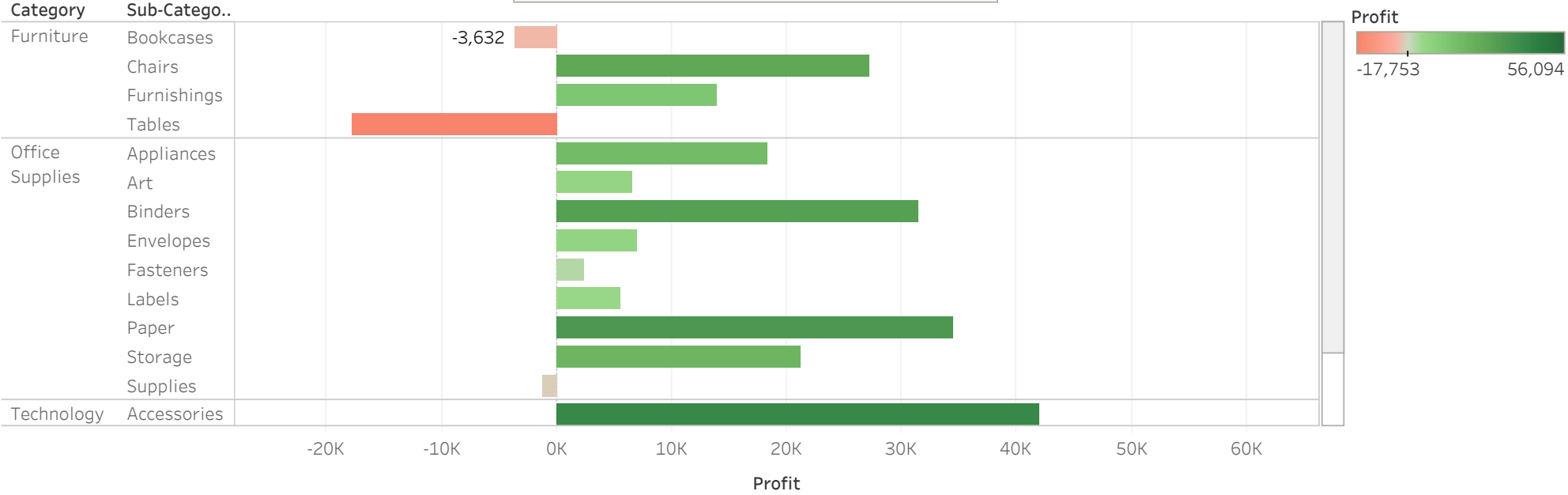**Sub-Category**
All

<u>Introduction</u>

Welcome to the analysis of the sample-superstore dataset, which contains fictional sales data for a superstore. In this Tableau story, we will explore the profit trends by state, category and sub-category, as well as manufacturer.

Assignment-3
Analyzing Profit in the Sample-Superstore Dataset

| 1 | 2 | 3 | 4 | 5 | 6 |

Profit By Category and Sub-Category

Profit legend: -17,753 to 56,094

Category	Sub-Category	Profit
Furniture	Bookcases	-3,632
	Chairs	
	Furnishings	
	Tables	
Office Supplies	Appliances	
	Art	
	Binders	
	Envelopes	
	Fasteners	
	Labels	
	Paper	
	Storage	
	Supplies	
Technology	Accessories	

Assignment-3
Analyzing Profit in the Sample-Superstore Dataset

Profit
-25,729   76,381

Profit by State

© 2023 Mapbox © OpenStreetMap
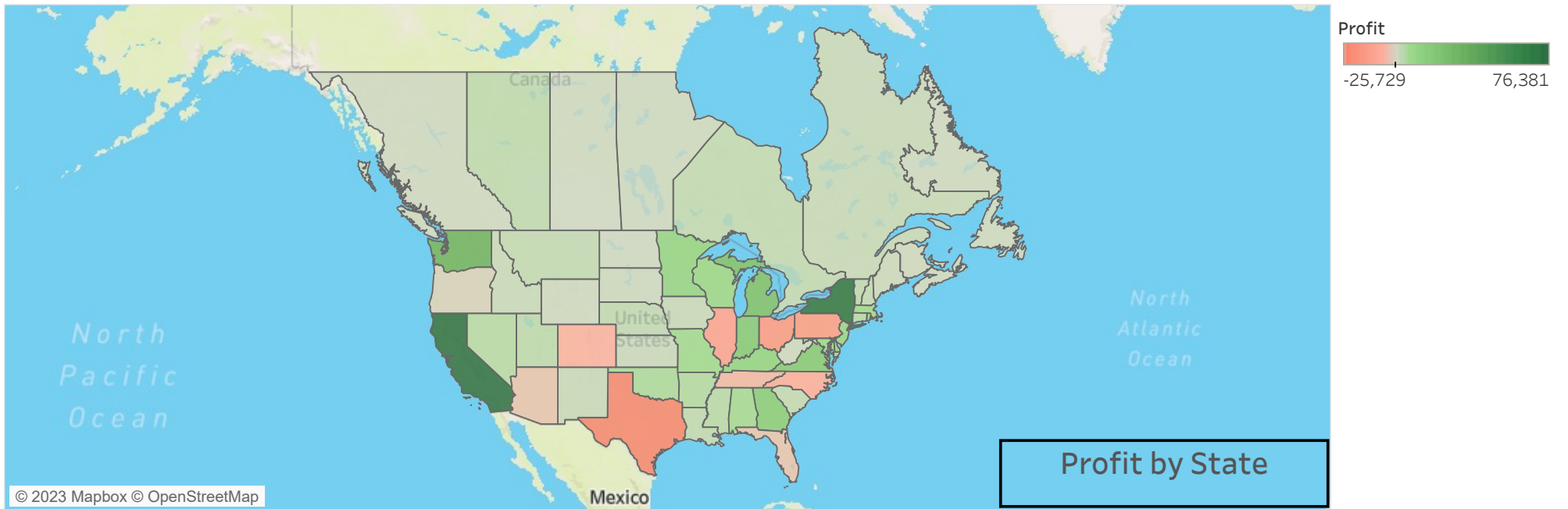
Assignment-3
Analyzing Profit in the Sample-Superstore Dataset

| 1 | 2 | 3 | 4 | 5 | 6 |

Profit and Quantity by Manufacturer

Manufacturer
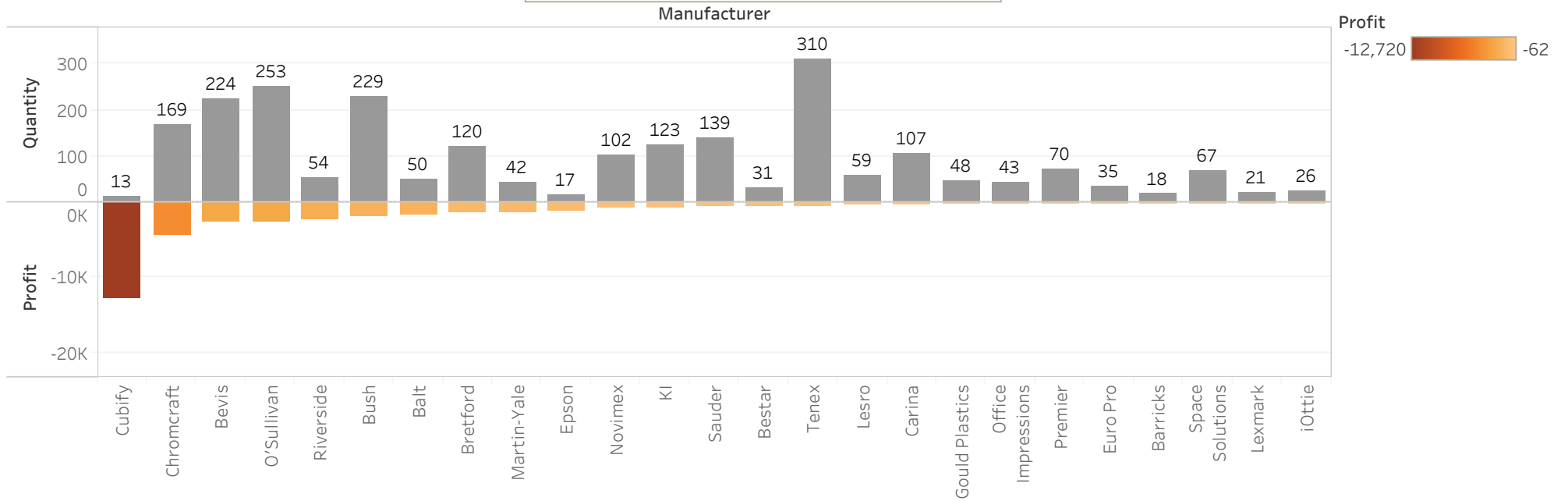
Profit
-12,720 ▬▬▬ -62

Assignment-3
Analyzing Profit in the Sample-Superstore Dataset

1) Profit by Category and Sub-Category:
This visualization explores the profit breakdown by categories and sub-categories of products. The bar chart below showcases the profit values for each category, with color coding to distinguish the sub-categories.

2) Profit by State:
In this visualization, we examine the profit distribution across different states in the United States. The choropleth map below displays the profit values, with darker shades representing higher profits.

3) Profit and Quantity by Manufacturer:
In this visualization, we examine the relationship between the sum of profit and the sum of quantity for each manufacturer. The bar chart below showcases the total profit and total quantity values att..

Insights:

1) California stands out as the most profitable state, with a significant concentration of sales.On the other hand, states like Wyoming and North Dakota show lower profit values.
2) Technology products yield the highest profits, driven by strong sales in sub-categories like Phones and Accessories.Furniture category has the lowest profitability, with Tables and Bookcases being the least profitable sub-categories.

<u>Conclusion</u>

Through this analysis of the sample-superstore dataset, we discovered significant variations in profit across different dimensions. Understanding the profitability by state, category and sub-category, as well as manufacturer, can help make informed business decisions...