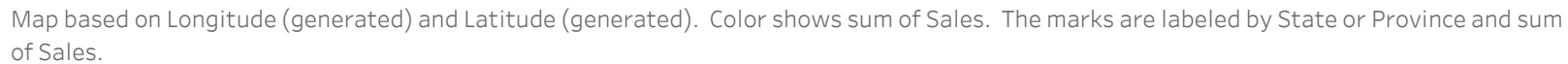


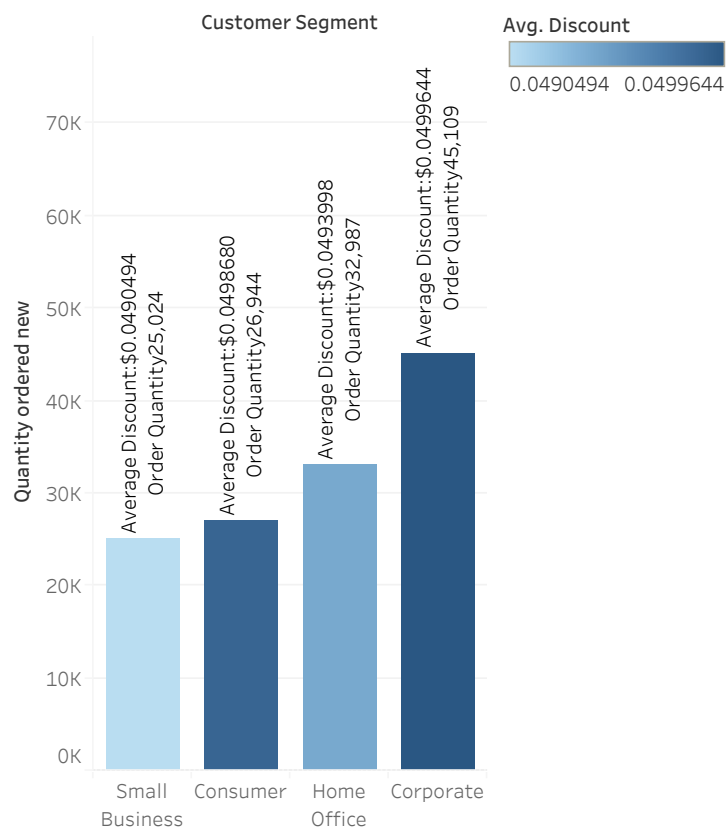
o A.) Map of U.S. B.) A color scale indicating total sales C.) Each state labeled with state name D.) Each state labeled with total sales



Which customer segment has both the highest order quantity and average discount rate? What is the order quantity and average discount rate for that state?

o Required Components:

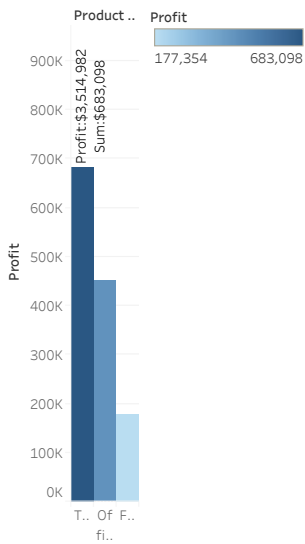
o A.) Bar Chart displaying Order Quantity for each Customer Segment B.) A color scale indicating average discount rate C.) Each customer segment labeled with average discount rate D.) Each customer segment labeled with total Order Quantity



Sum of Quantity ordered new for each Customer Segment. Color shows average of Discount. The marks are labeled by average of Discount and sum of Quantity ordered new.

Which Product Category has the highest total Sales? Which Product Category has the worst Profit? Name the Product Category and \$ amount for each.

- o Required Components:
- o A.) Bar Chart displaying total Sales for each Product Category B.) A color scale indicating Profit
- C.) Each Product Category labeled with total Sales D.) Each Product Category labeled with Profit



Sum of Profit for each Product Category. Color shows sum of Profit. The marks are labeled by sum of Sales and sum of Profit.

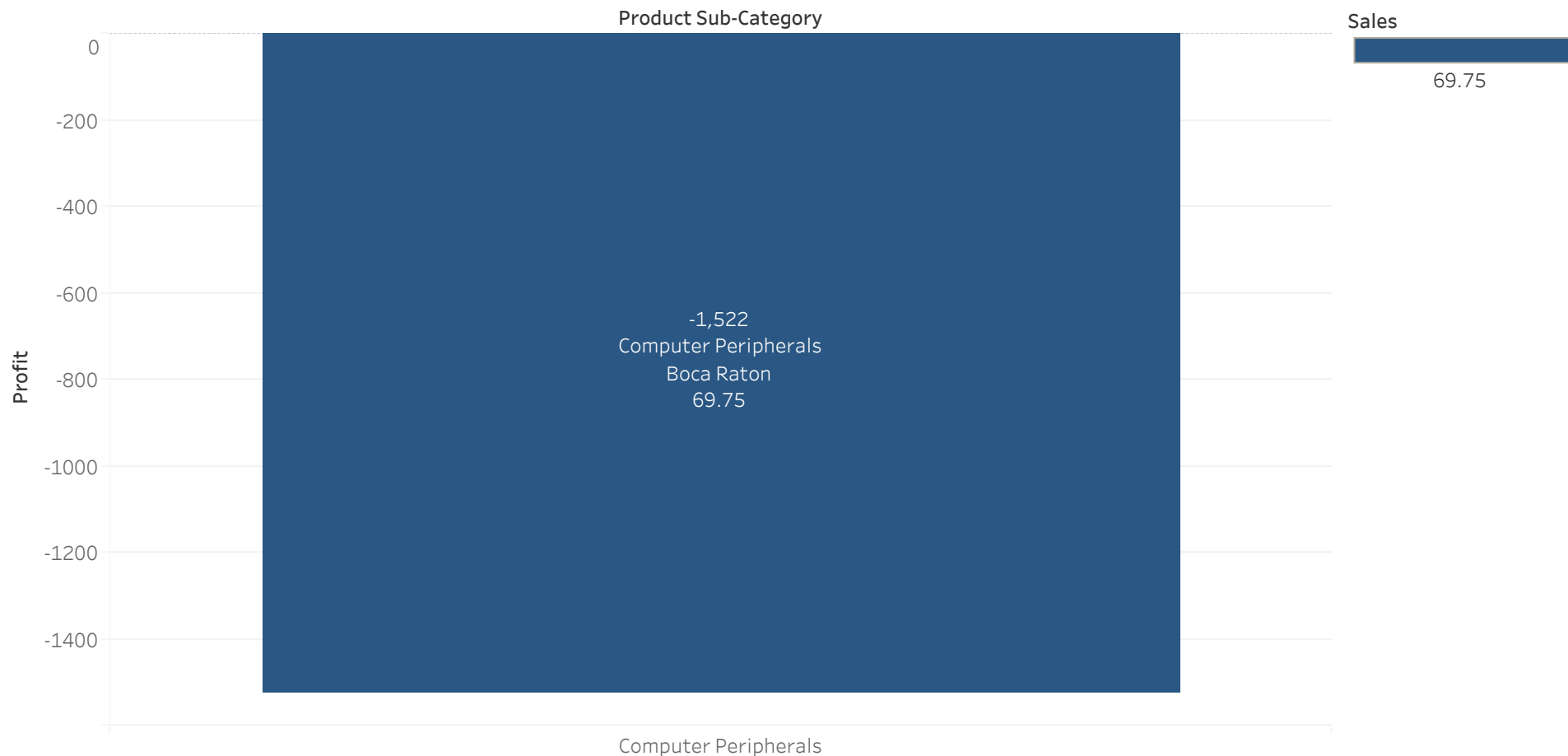
Use the same visualization created for Question #3

o What was the Profit on Computer Peripherals (Product Sub Category) in Boca Raton (City) in 2010?

o Required Components:

o A.) All components from Question #3 B.) Filters for each of the Dimensions needed to create a visualization with only one Bar indicating the answer to the question

o Hint: Use Quick Filters



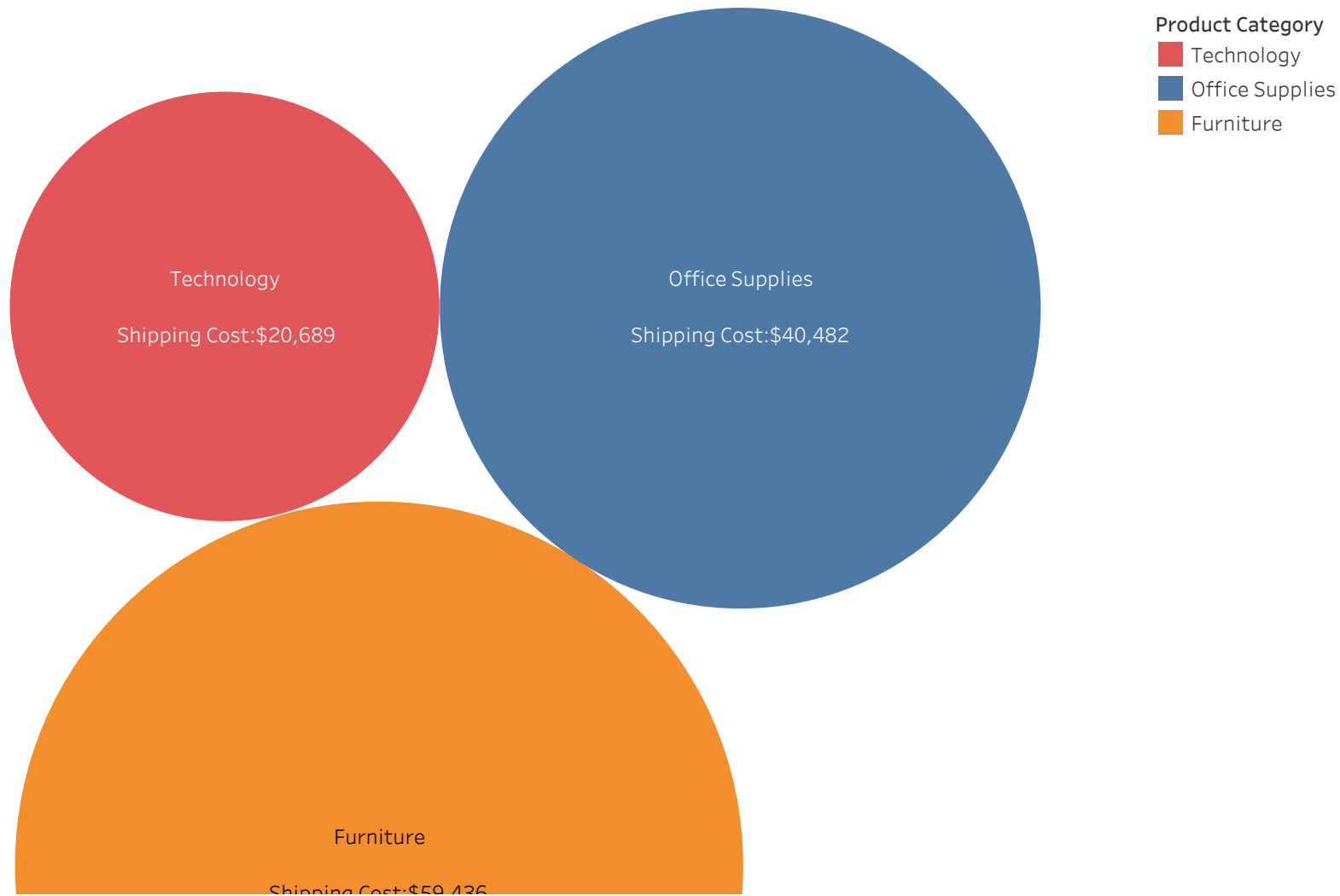
Sum of Profit for each Product Sub-Category. Color shows sum of Sales. The marks are labeled by sum of Profit, Product Sub-Category, City and sum of Sales. The view is filtered on City and Product Sub-Category. The City filter keeps Boca Raton. The Product Sub-Category filter keeps Computer Peripherals.

Use a “Packed Bubbles” chart

o Which Product Category has the highest Shipping Costs? Name the Category and cost.

o Required Components:

o A.) Packed bubble chart showing each Product Category as a colored bubble B.) Use Shipping Cost to display the size of each bubble



Product Category and sum of Shipping Cost. Color shows details about Product Category. Size shows sum of Shipping Cost. The marks are labeled by Product Category and sum of Shipping Cost.

Use a “Packed Bubbles” chart

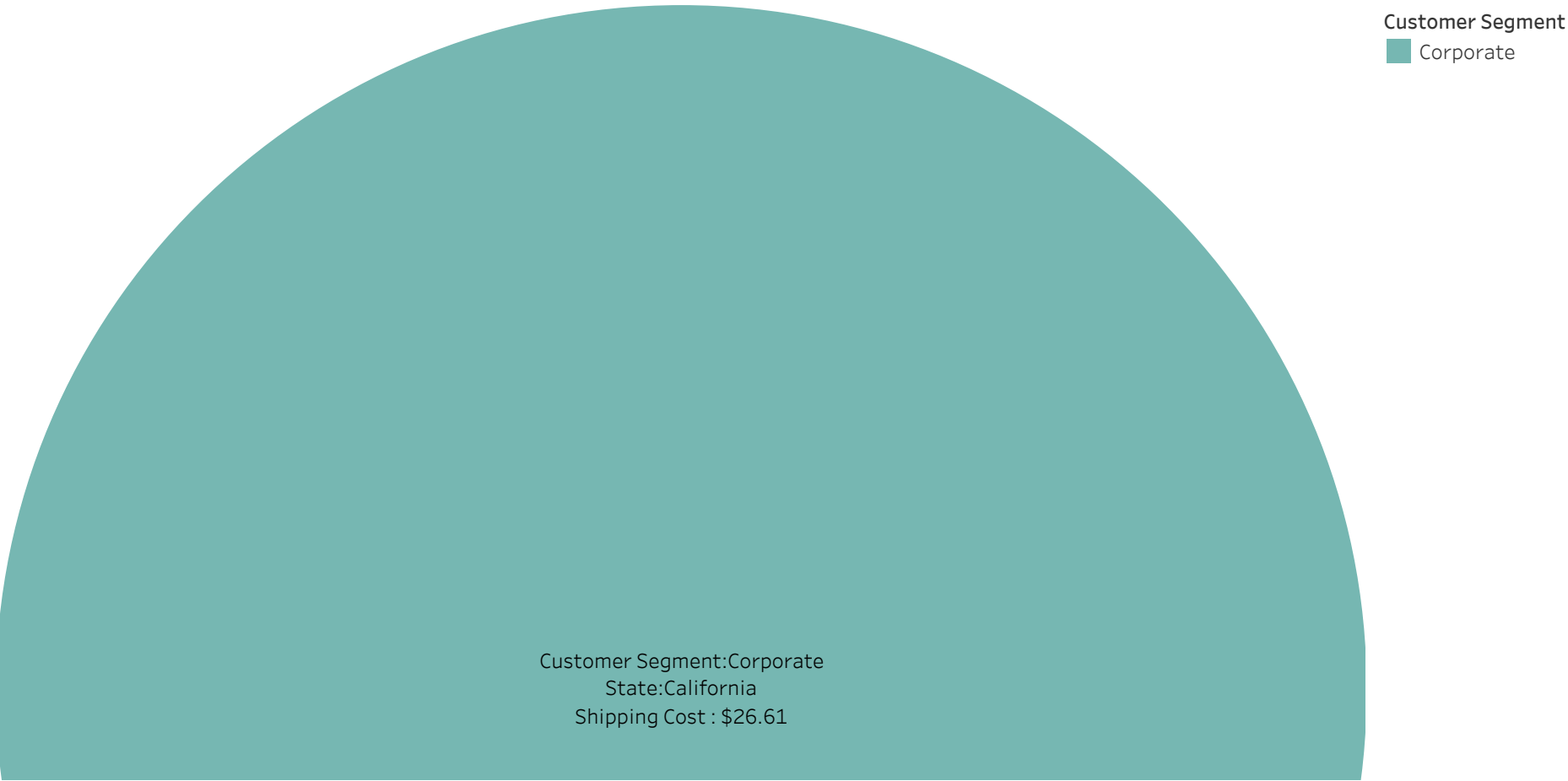
- o Which Product Category has the highest Shipping Costs? Name the Category and cost.
- o Required Components:
- o A.) Packed bubble chart showing each Product Category as a colored bubble B.) Use Shipping Cost to display the size of each bubble



Product Category and sum of Shipping Cost. Color shows details about Product Category. Size shows sum of Shipping Cost. The marks are labeled by Product Category and sum of Shipping Cost.

Use the same visualization created for Question #5

- o What was the shipping cost of Office Supplies for Belkin products (Supplier) in the Corporate Customer Segment in California?
- o Required Components:
- o A.) All components from Question #5 B.) Filters for each of the Dimensions needed to create a visualization indicating the answer to the question



Customer Segment, State or Province and sum of Shipping Cost. Color shows details about Customer Segment. Size shows sum of Shipping Cost. The marks are labeled by Customer Segment, State or Province and sum of Shipping Cost. The data is filtered on Product Category and Product Name. The Product Category filter keeps Office Supplies. The Product Name filter keeps 12 of 1,263 members. The view is filtered on Customer Segment and State or Province. The Customer Segment filter keeps Corporate. The State or Province filter keeps California.

Use the same visualization created for Question #5

o What was the shipping cost of Office Supplies for Belkin products (Supplier) in the Corporate Customer Segment in California?

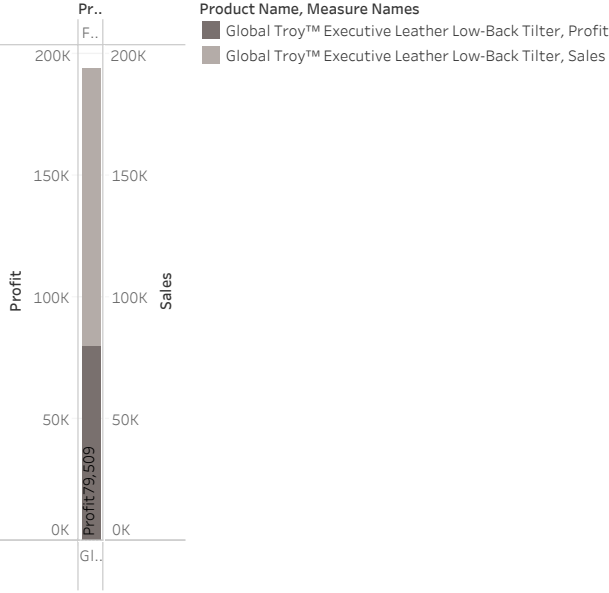
o Required Components:

o A.) All components from Question #5 B.) Filters for each of the Dimensions needed to create a visualization indicating the answer to the question



Customer Segment, State or Province and sum of Shipping Cost. Color shows details about Customer Segment. Size shows sum of Shipping Cost. The marks are labeled by Customer Segment, State or Province and sum of Shipping Cost. The data is filtered on Product Category and Product Name. The Product Category filter keeps Office Supplies. The Product Name filter keeps 12 of 1,263 members. The view is filtered on Customer Segment and State or Province. The Customer Segment filter keeps Corporate. The State or Province filter keeps California.

Use a Bar Chart
o Which Supplier
products have the
highest total Sales?
Highest Profit? In
which Product
Category are these
products?
o Required
components:
o A.) One Bar chart
displaying all
information needed
to answer the
question B.) Each
bar labeled with
total Sales C.) Each
bar labeled with
total Profit



Profit and Sales for each Product Name broken down by Product Category. Color shows details about Product Name, Profit and Sales. For pane Sum of Profit: The marks are labeled by Profit and Sales. The view is filtered on Product Name, which keeps Global Troy™ Executive Leather Low-Back Tilter.

Use a geographic map

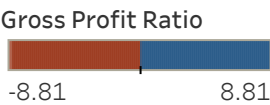
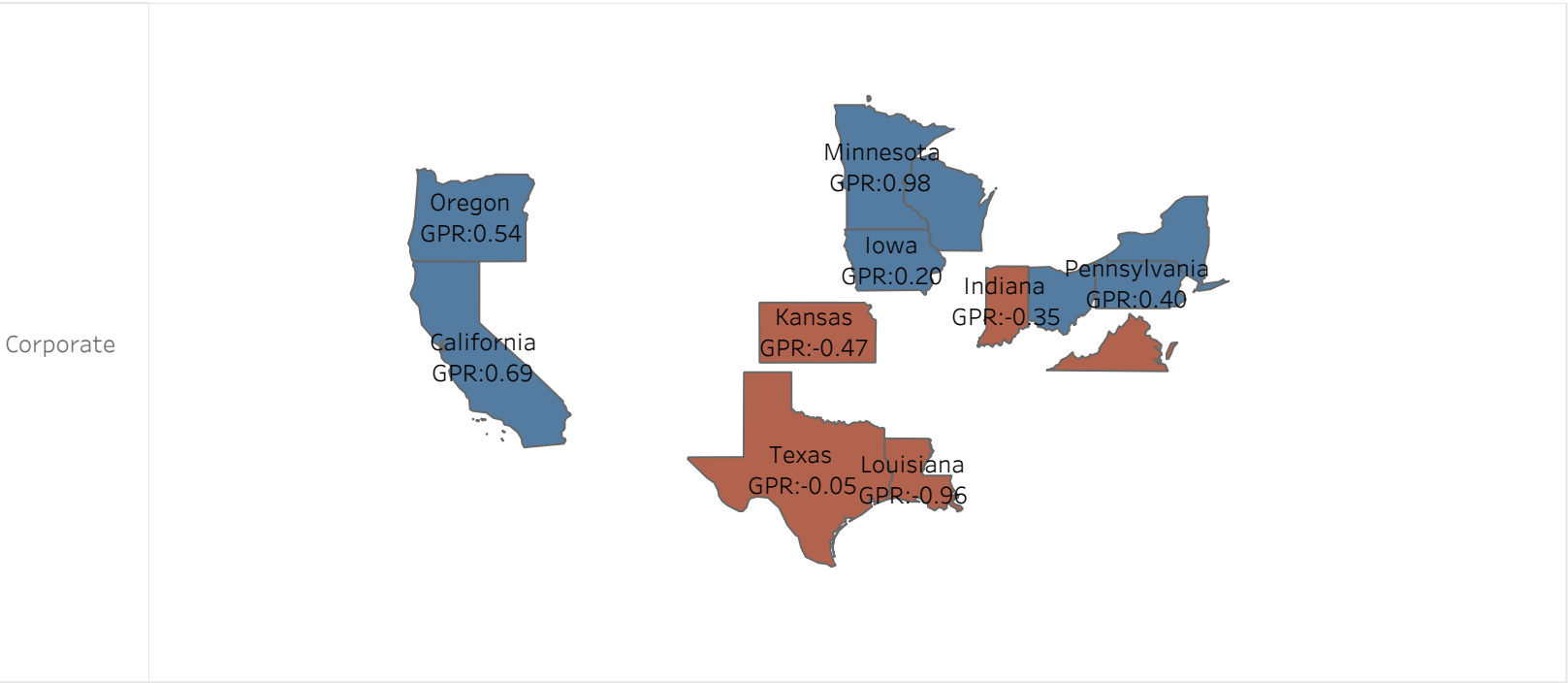
o Which state has the worst Gross Profit Ratio on Envelopes in the Corporate Customer Segment that were shipped in 2012?

o Required Components:

o A.) A map displaying information required to answer the question B.) A color scale indicating Gross Profit Ratio

C.) Each state labeled with state name D.) Each state labeled with Gross Profit Ratio

Customer S..



Map based on Longitude (generated) and Latitude (generated) broken down by Customer Segment. Color shows sum of Gross Profit Ratio. The marks are labeled by State or Province and sum of Gross Profit Ratio. Details are shown for State or Province. The data is filtered on Ship Date Year and Product Sub-Category. The Ship Date Year filter keeps 2012. The Product Sub-Category filter keeps Envelopes. The view is filtered on Customer Segment, which keeps Corporate.