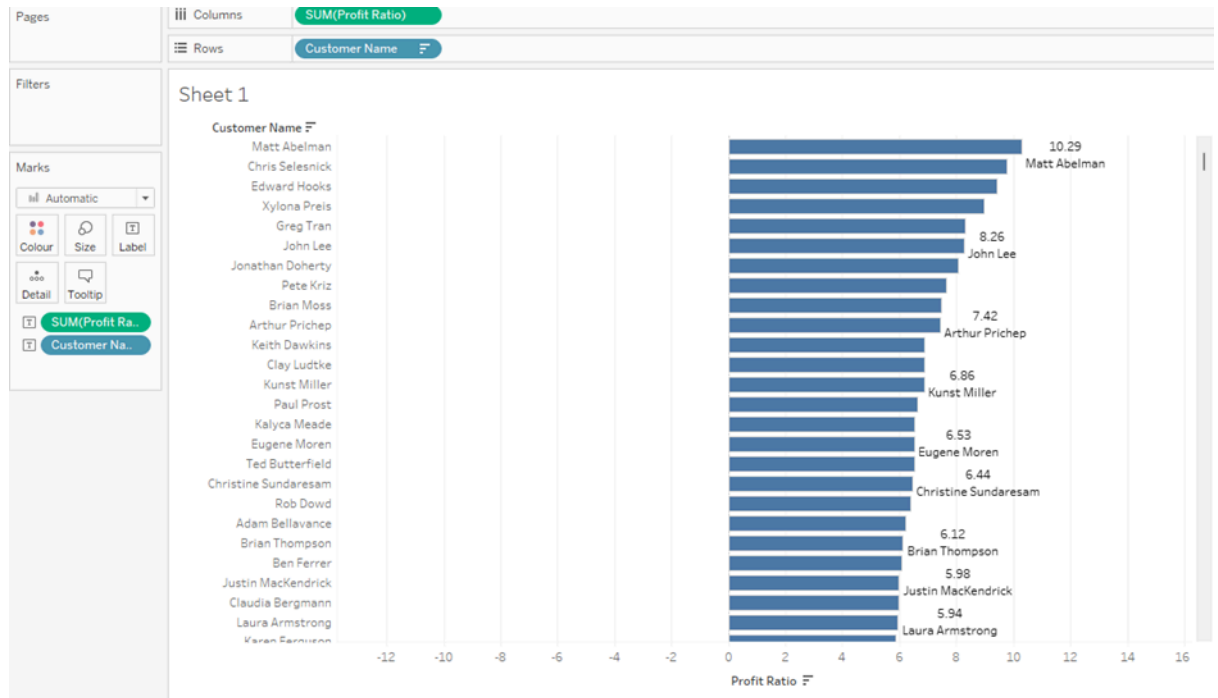


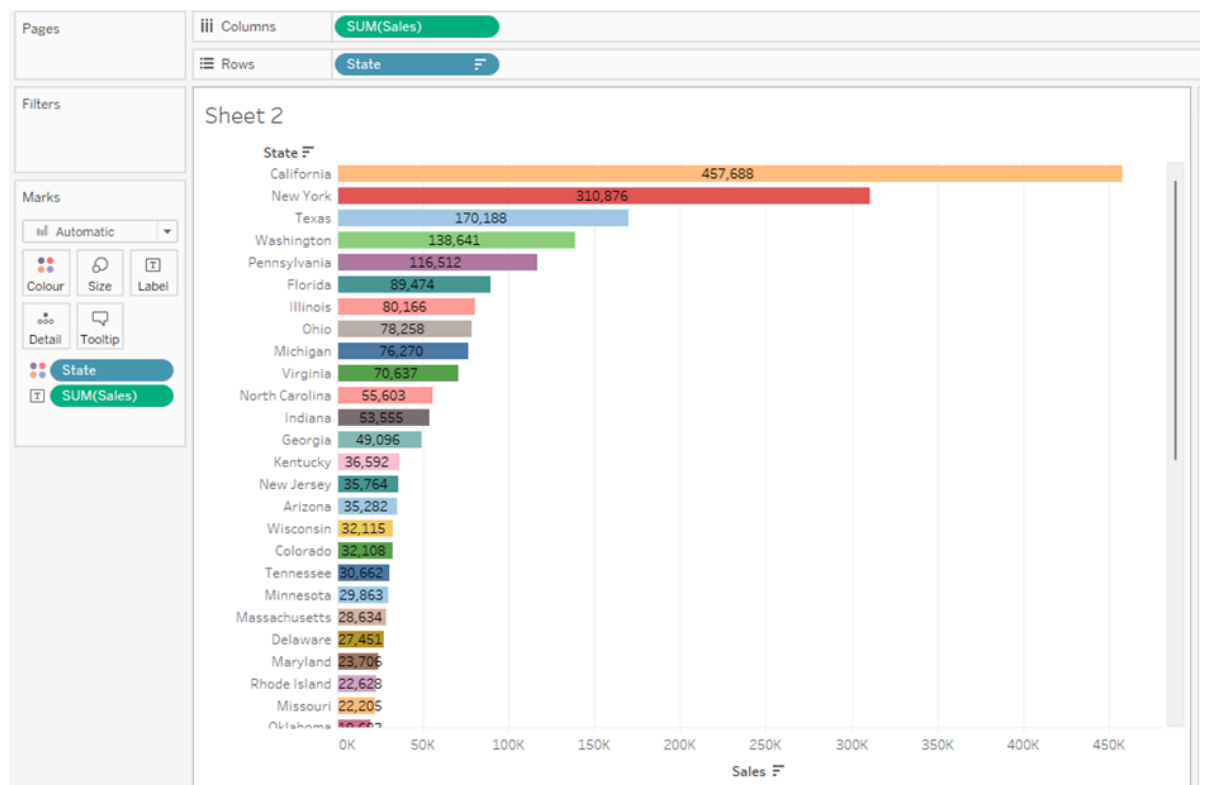
Q1) Analysis Operations

Data Source: USuperStore

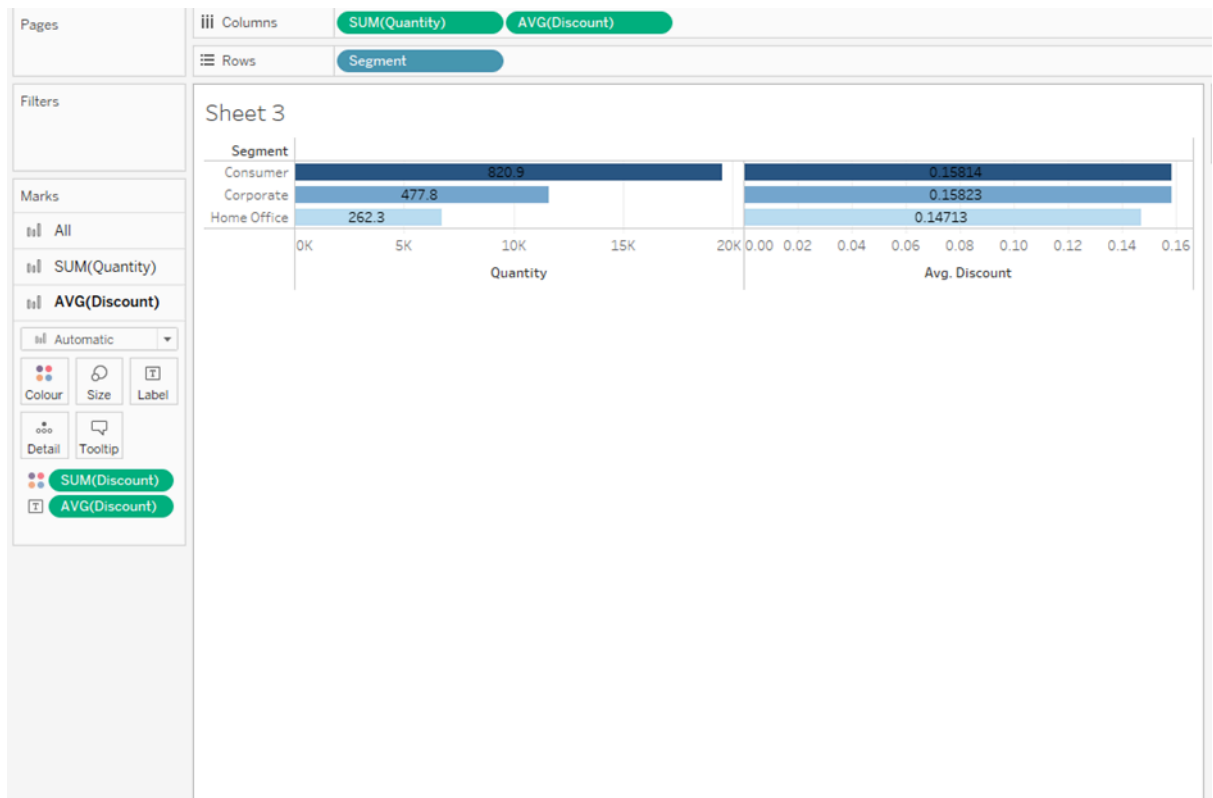
1. Find the customer with the highest overall profit. What is his/her profit ratio?



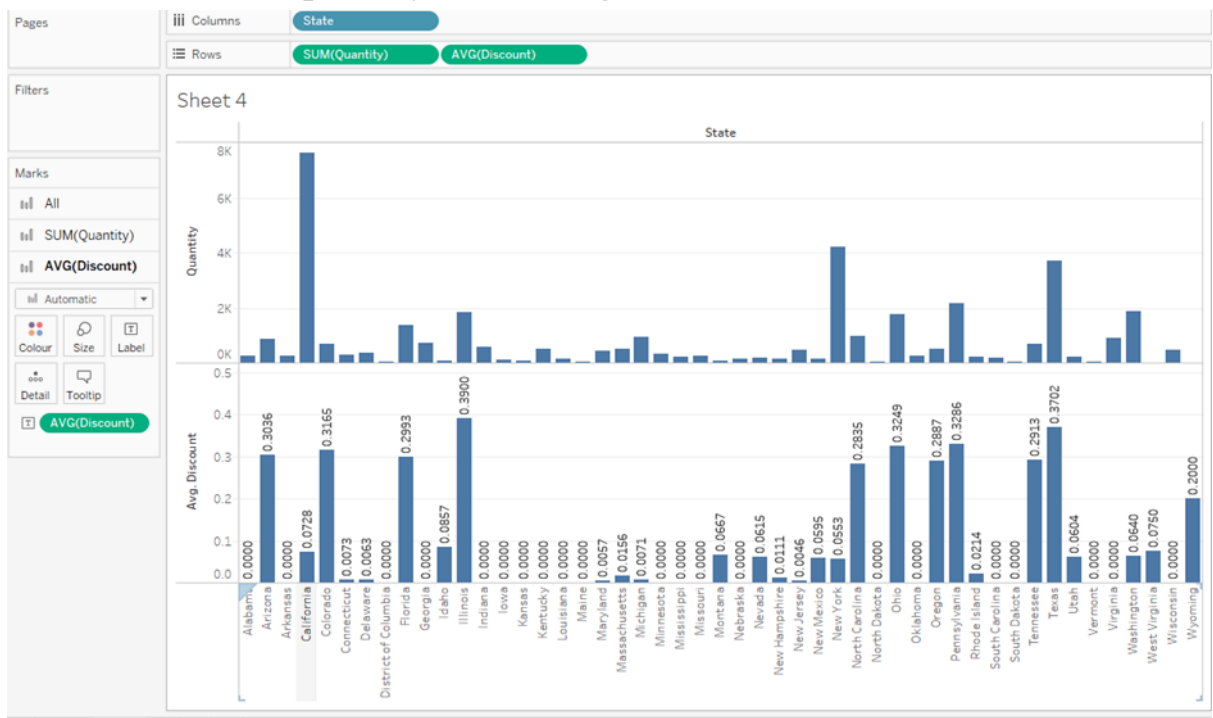
2. Which state has the highest Sales (Sum)? What is the total Sales for that state?



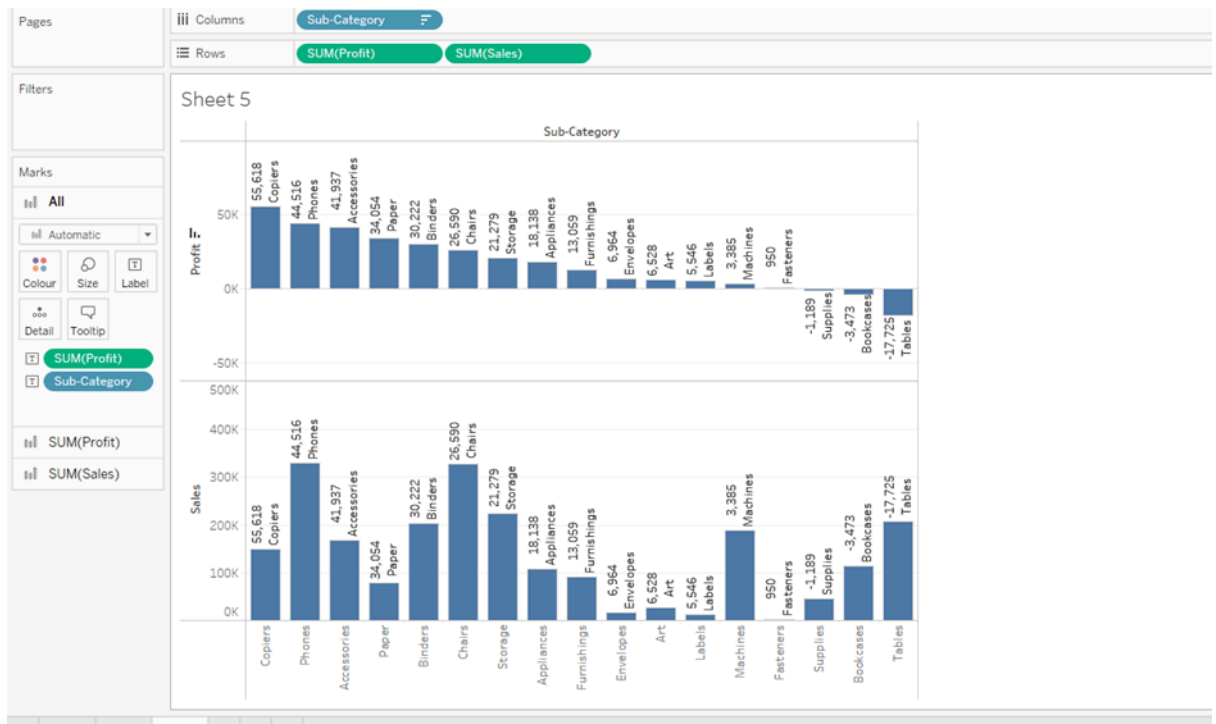
3. Which customer segment has both the highest order quantity and average discount rate?



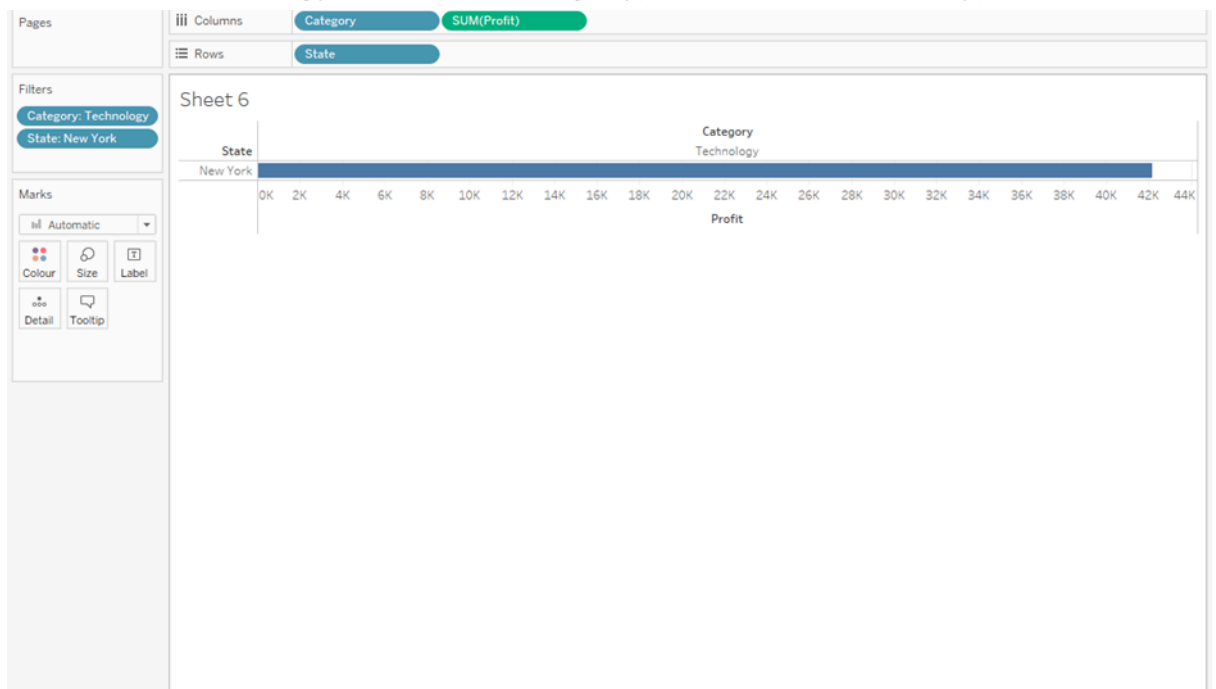
4. What is the order quantity and average discount rate for that state?



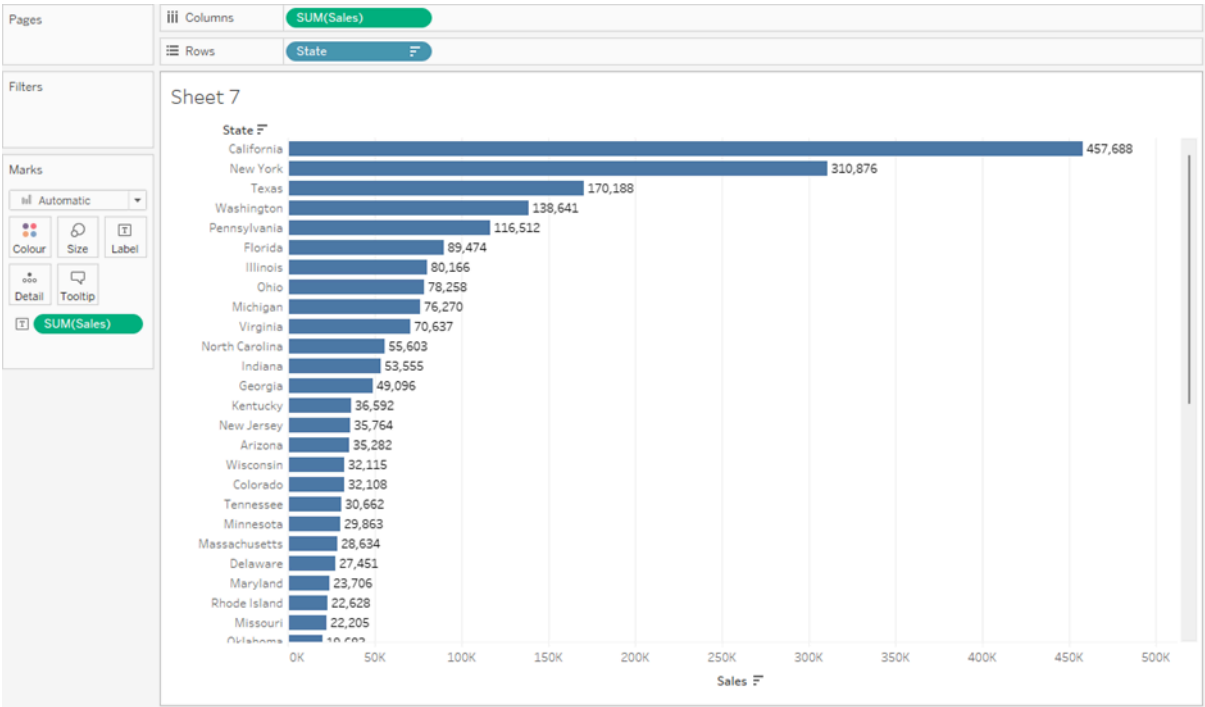
5. Which Product Category has the highest total Sales? Which Product Category has the worst Profit? Name the Product Category and \$ amount for each.



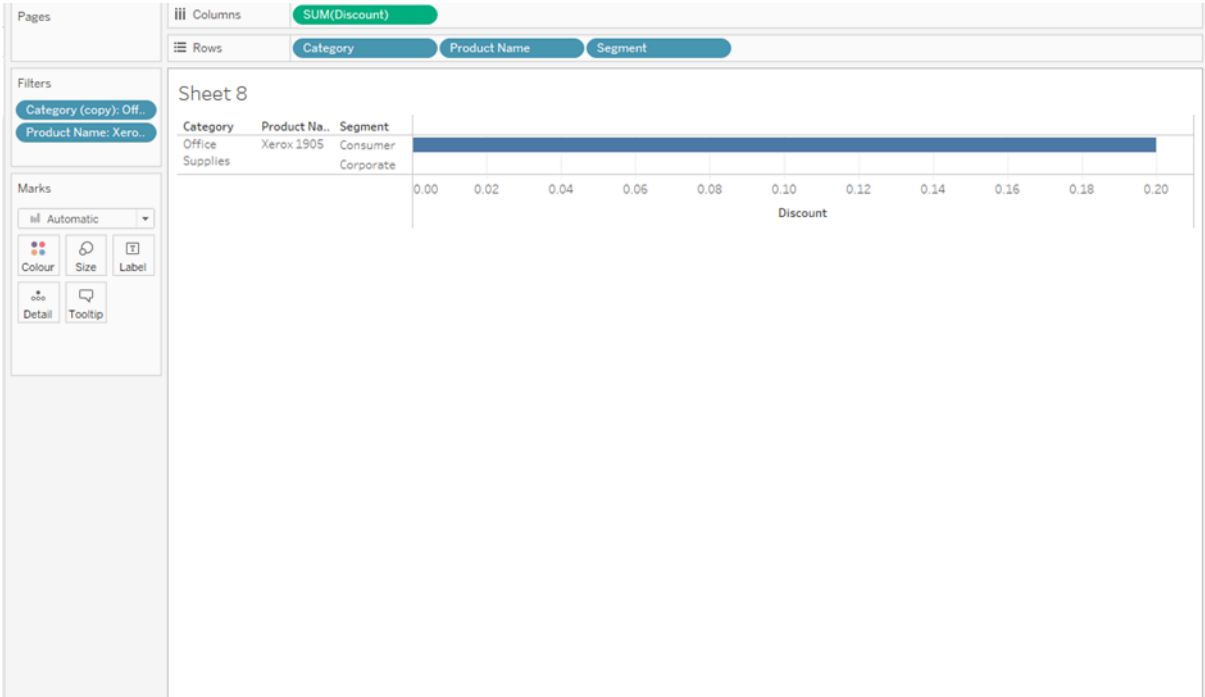
6. Use the same visualisation created for Question #4. What was the Profit on Technology (Product Category) in Boca Raton (City)?



7. Which country has the highest Sales? Name the country and sales.

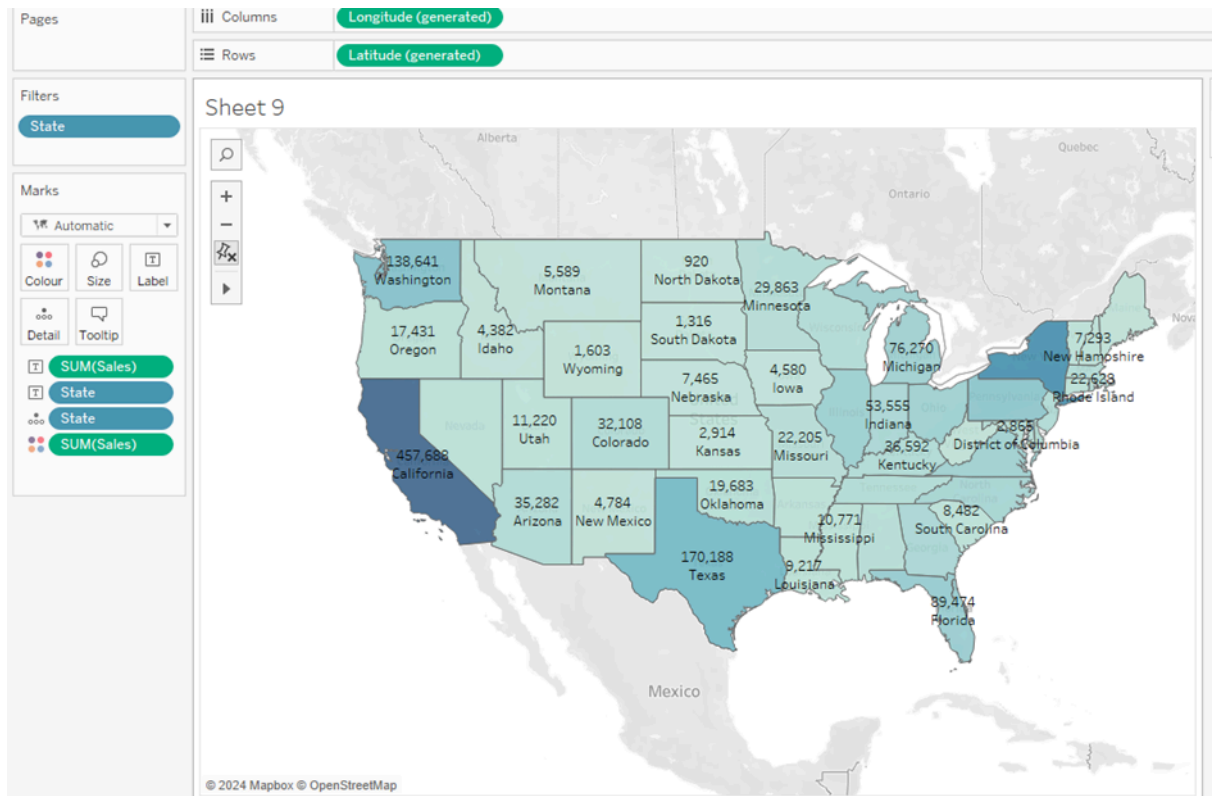


8. Use the same visualisation created for Question #6. What was the shipping cost of Office Supplies for Xerox 1905 in the Home Customer Segment in Cambridge?

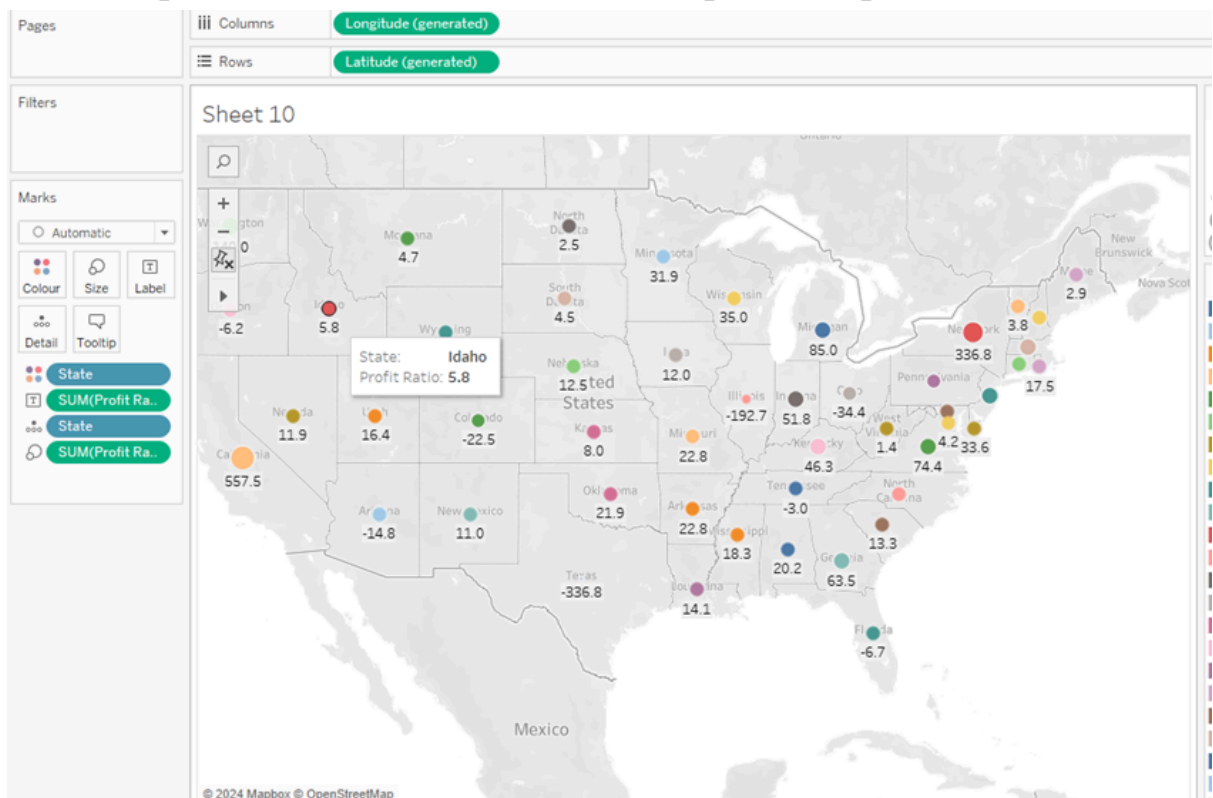


Q2) Preparing Maps

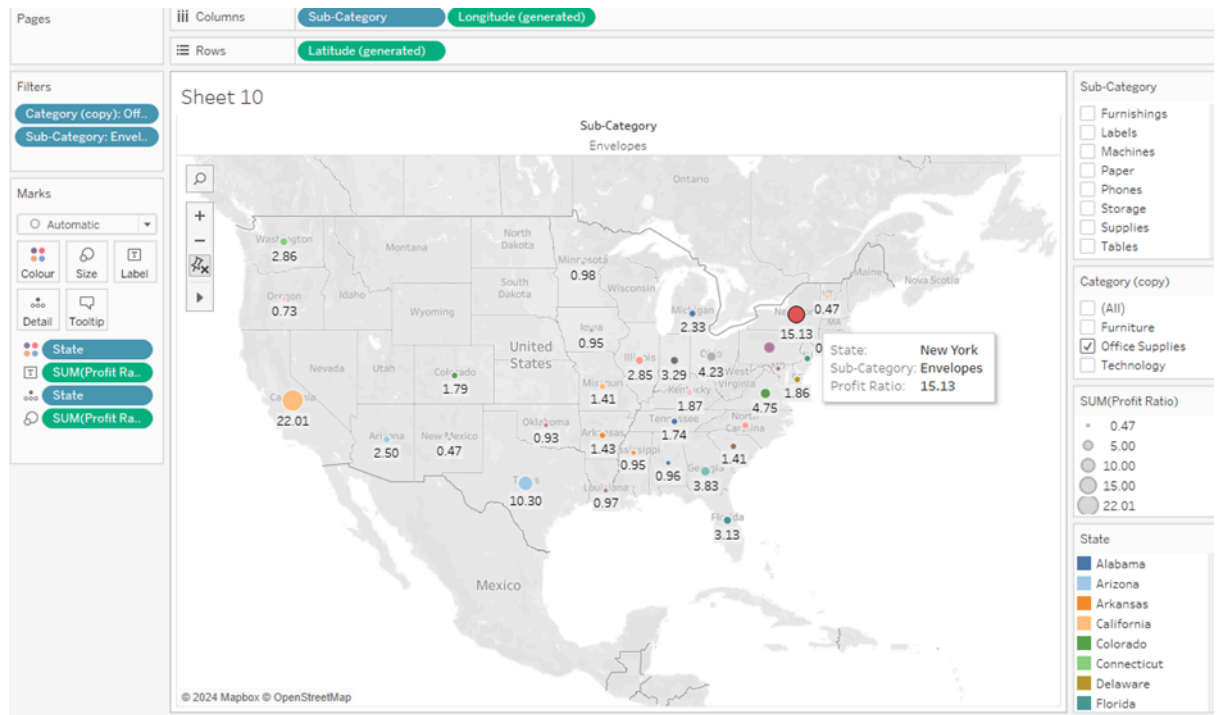
1. Prepare a geographic map which shows sales in each state.



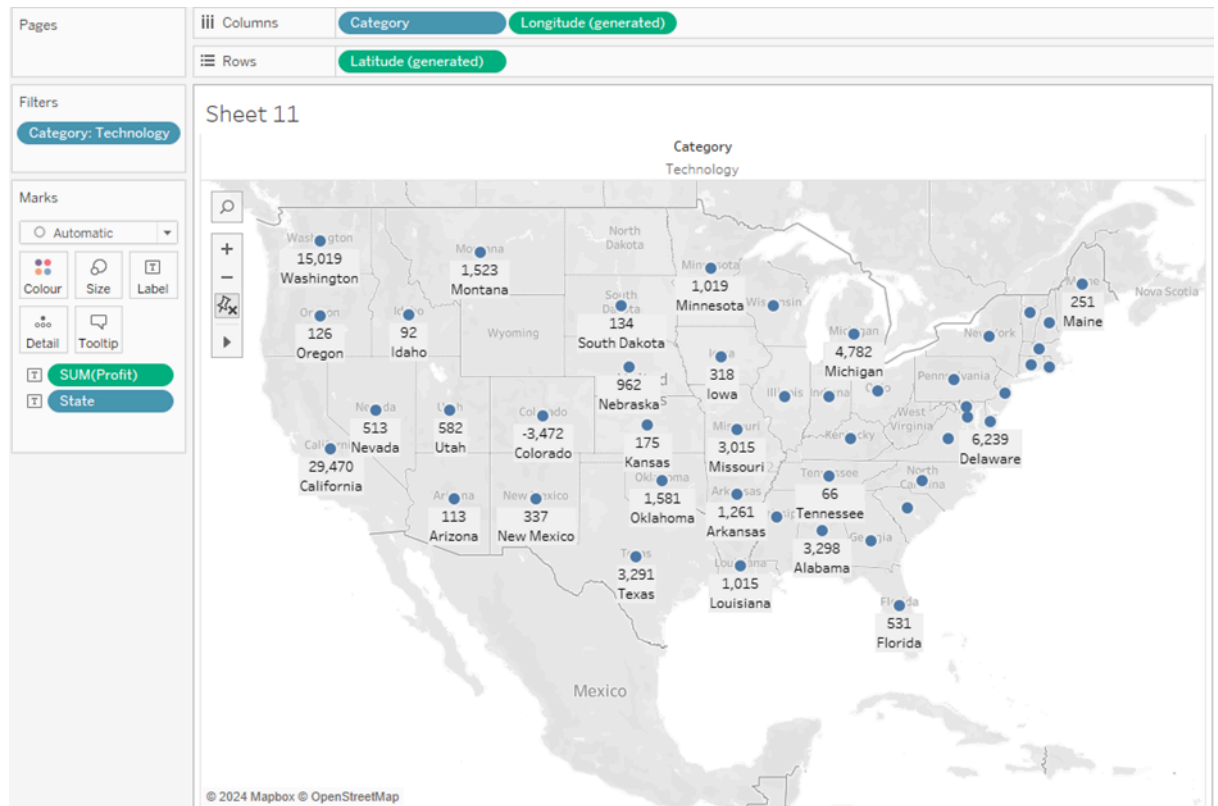
2. Show the profit ratio of each state as a tooltip on a map.



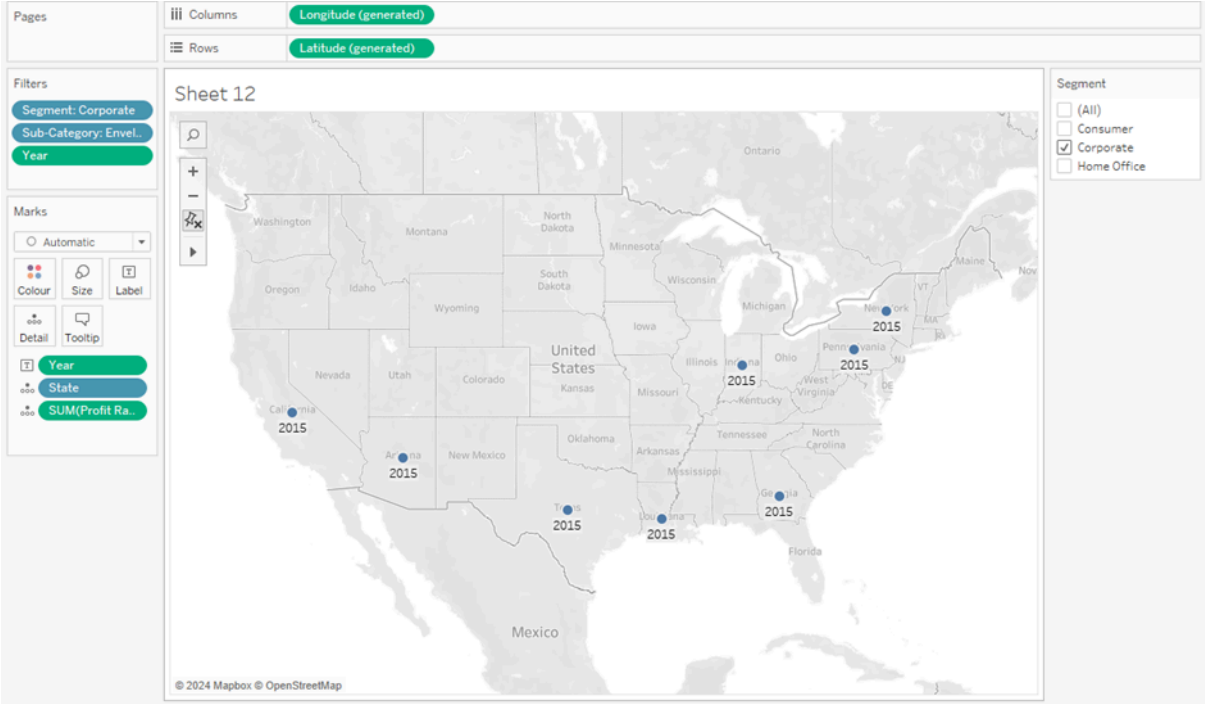
3. Show profit ratio for grip envelope products.



4. In the technology product category which unprofitable state is surrounded by only profitable states.



5. Which state has the worst Gross Profit Ratio on envelopes in the corporate customer segment that were shifted in 2015.



Q3) Preparing Reports

1. Prepare a report showing product category wise sales

Sheet 13

Category	
Furniture	742,000
Office Supplies	719,047
Technology	836,154

2. Report showing region wise product wise sales

Pages Columns Rows Region Product Name

Filters

Sheet 14

Region Product Name

Central	1.7 Cubic Foot Compact "...	416
	3.6 Cubic Foot Counter He...	530
	3M Hangers With Comma...	3
	3M Office Air Cleaner	156
	3M Organizer Strips	16
	3M Polarizing Light Filter ..	60
	3M Polarizing Task Lamp ..	1,096
	3M Replacement Filter for...	53
	6" Cubicle Wall Clock, Smi...	10
	12 Colored Short Pencils	
	12-1/2 Diameter Round W...	
	14-7/8 x 11 Blue Bar Comp...	
	24 Capacity Maxi Data Bin...	
	36X48 HARDFLOOR CHAI...	42
	50 Colored Long Pencils	10
	4009 Highlighters by Sanf...	6
	"While you Were Out" Me...	9
	#6 3/4 Gummed Flap Whit...	16
	#10 Gummed Flap White ..	17
	#10 White Business Envel...	78
	#10- 4 1/8" x 9 1/2" Recyc...	86
	#10- 4 1/8" x 9 1/2" Secur...	12
	#10-4 1/8" x 9 1/2" Premi...	113
	Aastra 57i VoIP phone	1,454
	Aastra 6757i CT Wireless ..	345
	Acco 3-Hole Punch	49
	Acco 6 Outlet Guardian Ba...	5
	Acco 6 Outlet Guardian Pr...	216

Product Name: 6" Cubicle Wall Clock, Smith
Region: Central
Sales: 10

Marks

Automatic

Colour Size Text

Detail Tooltip

SUM(Sales)

3. Report showing statewide sales

Pages Columns Rows State

Filters

Sheet 15

State	
Alabama	19,511
Arizona	35,282
Arkansas	11,678
California	457,688
Colorado	32,108
Connecticut	13,384
Delaware	27,451
District of Columbia	2,865
Florida	89,474
Georgia	49,096
Idaho	4,382
Illinois	80,166
Indiana	53,555
Iowa	4,580
Kansas	2,914
Kentucky	36,592
Louisiana	9,217
Maine	1,271
Maryland	23,706
Massachusetts	28,634
Michigan	76,270
Minnesota	29,863
Mississippi	10,771
Missouri	22,205
Montana	5,589
Nebraska	7,465
Nevada	16,729
New Hampshire	7,293

Marks

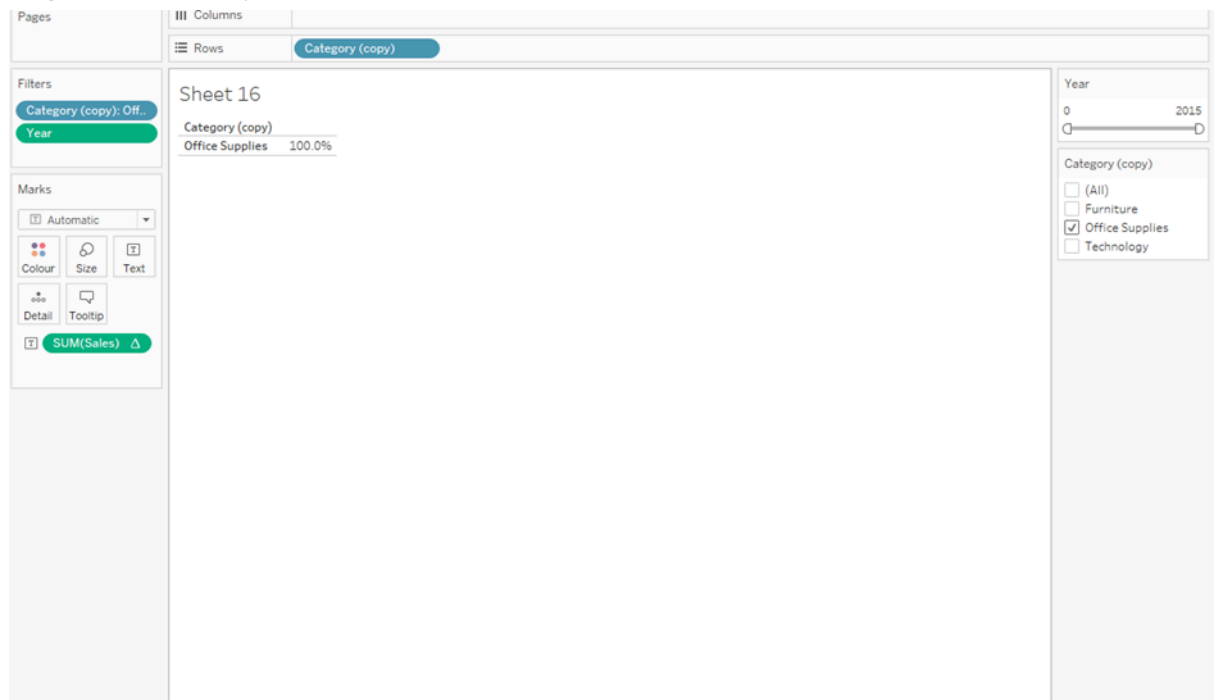
Automatic

Colour Size Text

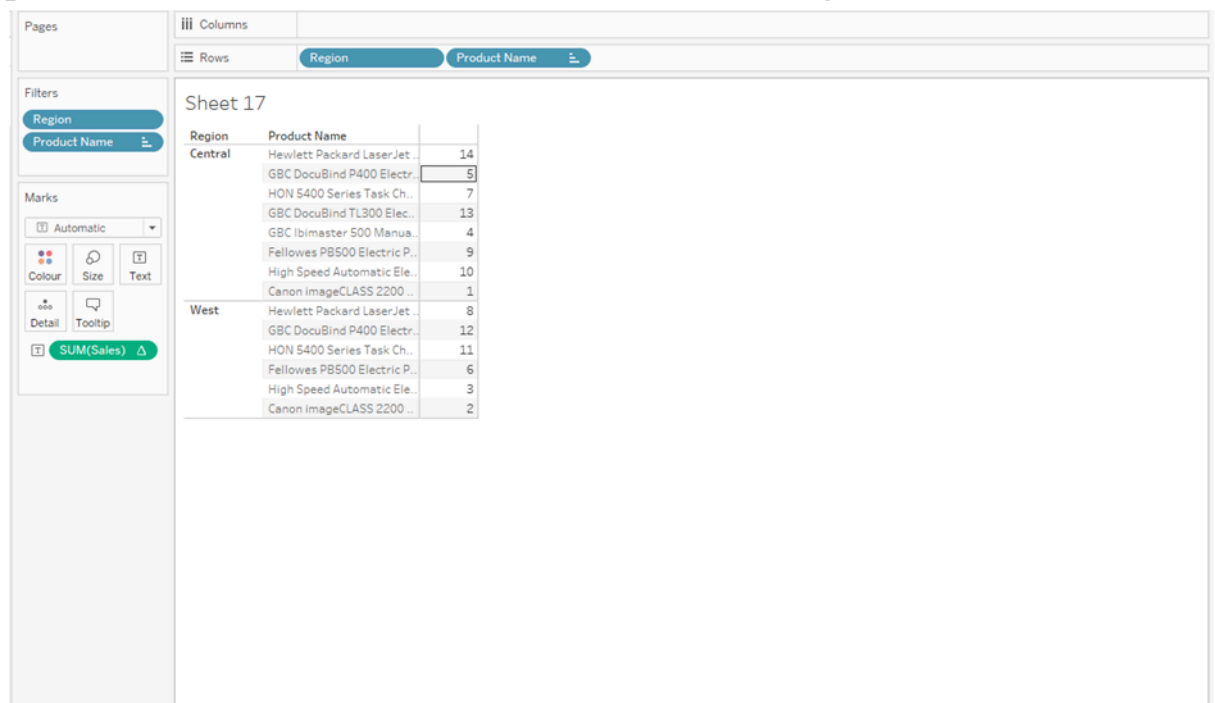
Detail Tooltip

SUM(Sales)

4. What is the percent of total Sales for the ‘Home Office’ Customer Segment in July of 2014?



5. Find the top 10 Product Names by Sales within each region. Which product is ranked #2 in both the Central & West regions in 2015?



Q4) DashBoard

