

Assignment 1

- 1. Clean the unnecessary(blank) columns or rows(if any)
- 2. Split Column Location in Orders table by using custom delimiter colon (:) and rename new columns to Region and State.
- 3. Add a new custom column in the Revenue table named ' Discounted Shipping Price' by using formula (Shipping Cost - Discount).
- 4. Create an Index Column in the Orders table with name "Order Sl. No" ranging from 1 with increment of 1.
- 5. Change Data type of Order ID, Order Sl. No and Customer ID to text in Orders Table.
- 6. Add a conditional column in the Revenue table named 'Profitable Order' with condition Profit > 1000 and provide values as : if Profit > 1000 (Yes) else (No).

Find out Quantity ordered new of Order Sl. No 7 and enter it in the answer box.

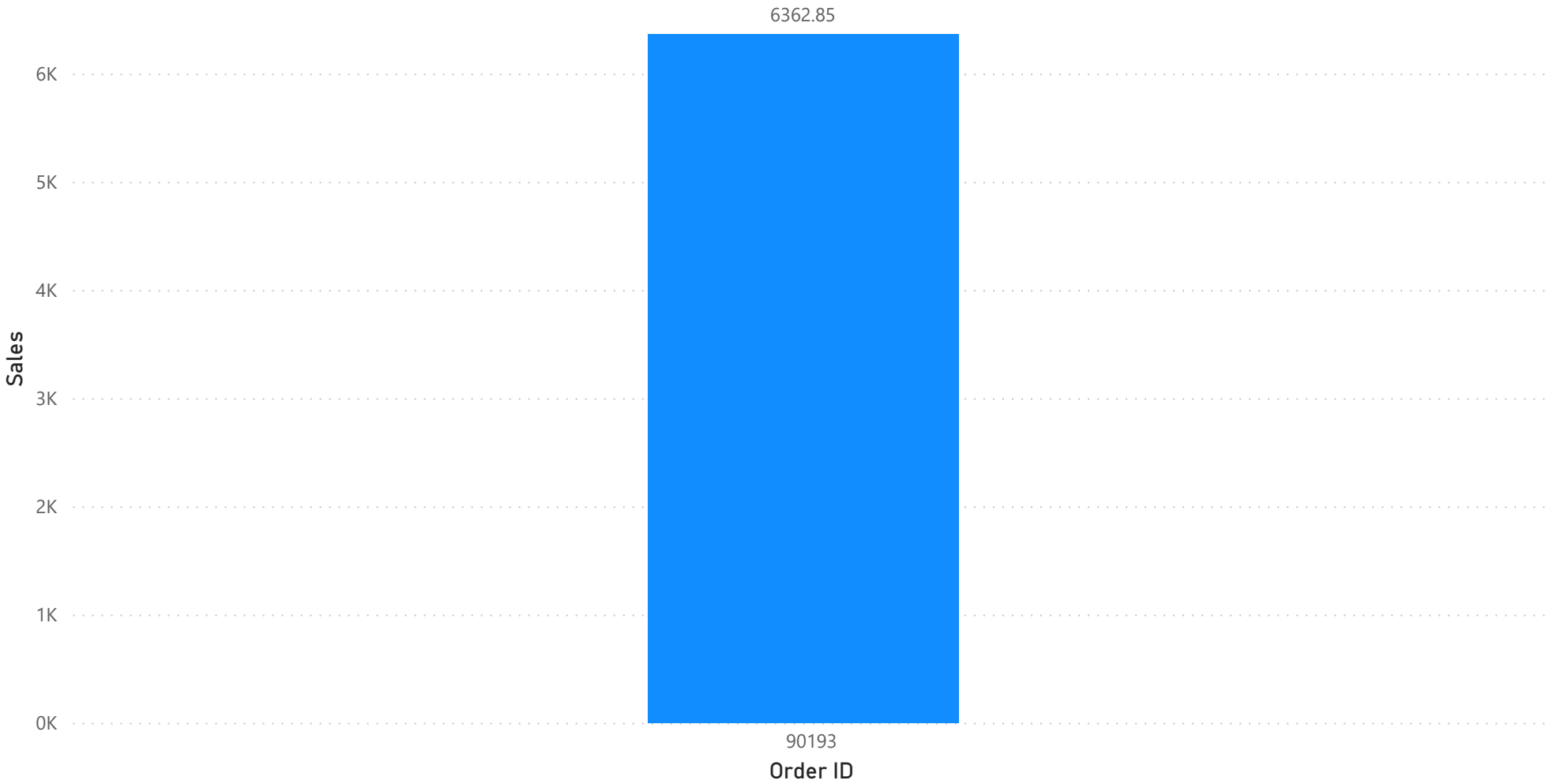
Order Sl. No	Quantity ordered new
1	4
10	6
11	10
12	17
13	18
14	70
15	58
16	71
17	1
18	1
19	12
2	12
20	12
Total	1541

The Sales Manager would like to know the sales for Order ID 90193. Create a Manual Relationship between two tables Orders and Revenue. Also create a table visual to find out the Sales of specified order and Enter the answer in the answer box.

Order ID	Sales
90193	6,362.85
<b>Total</b>	<b>6,362.85</b>

- Order ID
- ☐ 13959
  - ☐ 3397
  - ☐ 37537
  - ☐ 41793
  - ☐ 42599
  - ☐ 90193

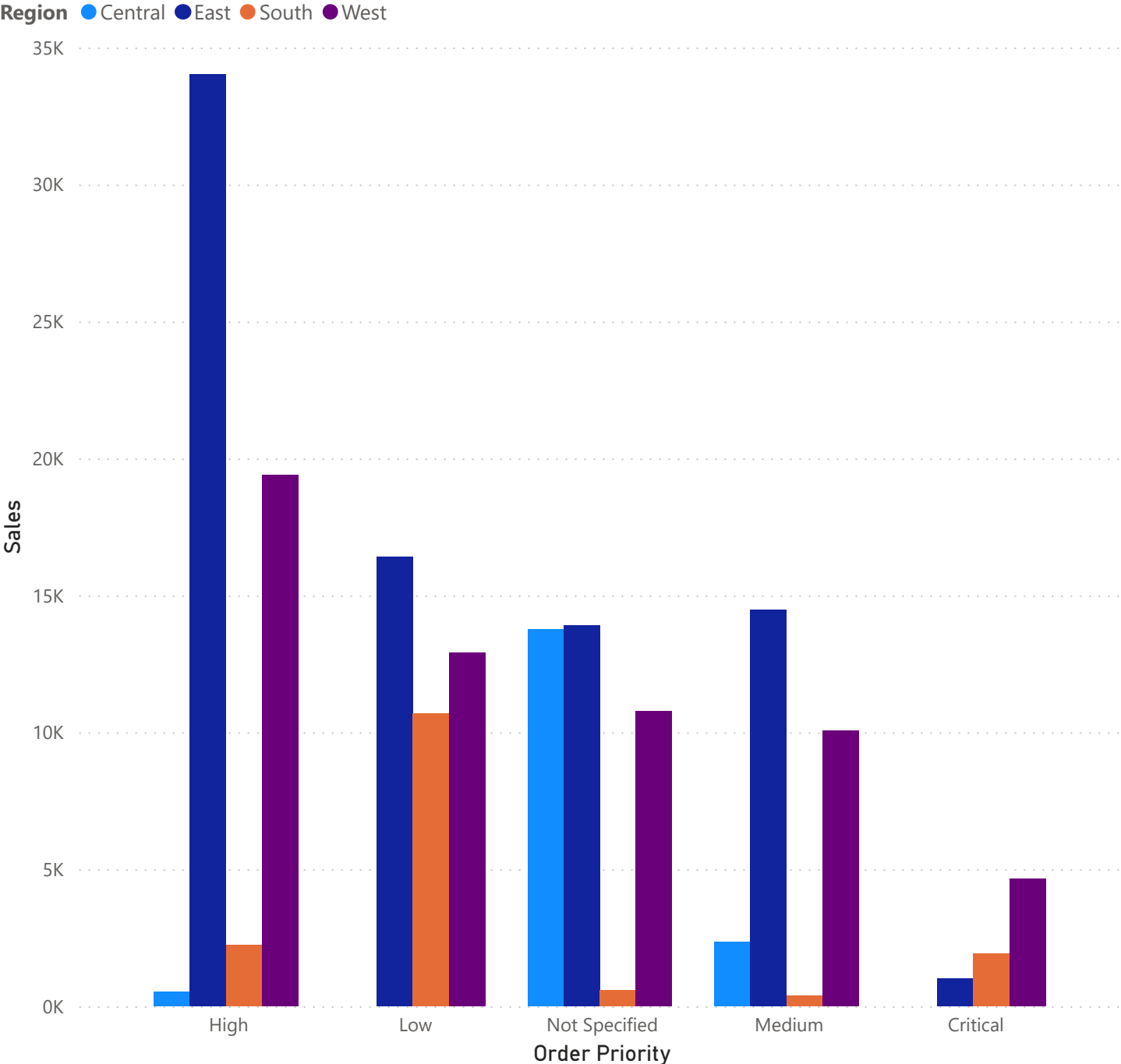
Sales by Order ID



The Sales Manager wants to find out the total sales based on order priority, region, and customer ID. Find out the categories which generated the highest sum of sales. Which order priority generated the highest sum of sales?

Order ID	Critical	High	Low	Medium	Not Specified	Total
+ 13959				528.24		528.24
+ 3397				10,740.57		10,740.57
+ 37537			15,943.48			15,943.48
+ 41793		3,084.04				3,084.04
+ 42599				10,740.57		10,740.57
+ 42949					3,084.04	3,084.04
+ 44231					8,940.74	8,940.74
+ 55713		15,943.48				15,943.48
+ 58914			528.24			528.24
+ 7909		528.24				528.24
+ 86520		1,768.58				1,768.58
+ 86693					227.46	227.46
+ 86694					227.46	227.46
+ 86836		964.79				964.79
+ 86837	413.00					413.00
+ 86838				1,214.93		1,214.93
+ 86839				413.00		413.00
+ 87175		3,981.33				3,981.33
+ 87176				3,587.87		3,587.87
+ 87177				3,587.87		3,587.87
+ 87178				393.46		393.46
+ 87306					3,479.24	3,479.24
+ 87364					10,818.98	10,818.98
+ 87365		1,821.89				1,821.89
+ 87366		10,818.98				10,818.98
+ 87406					593.80	593.80
Total	7,576.13	56,179.31	40,008.19	27,284.58	39,033.40	108,837.84

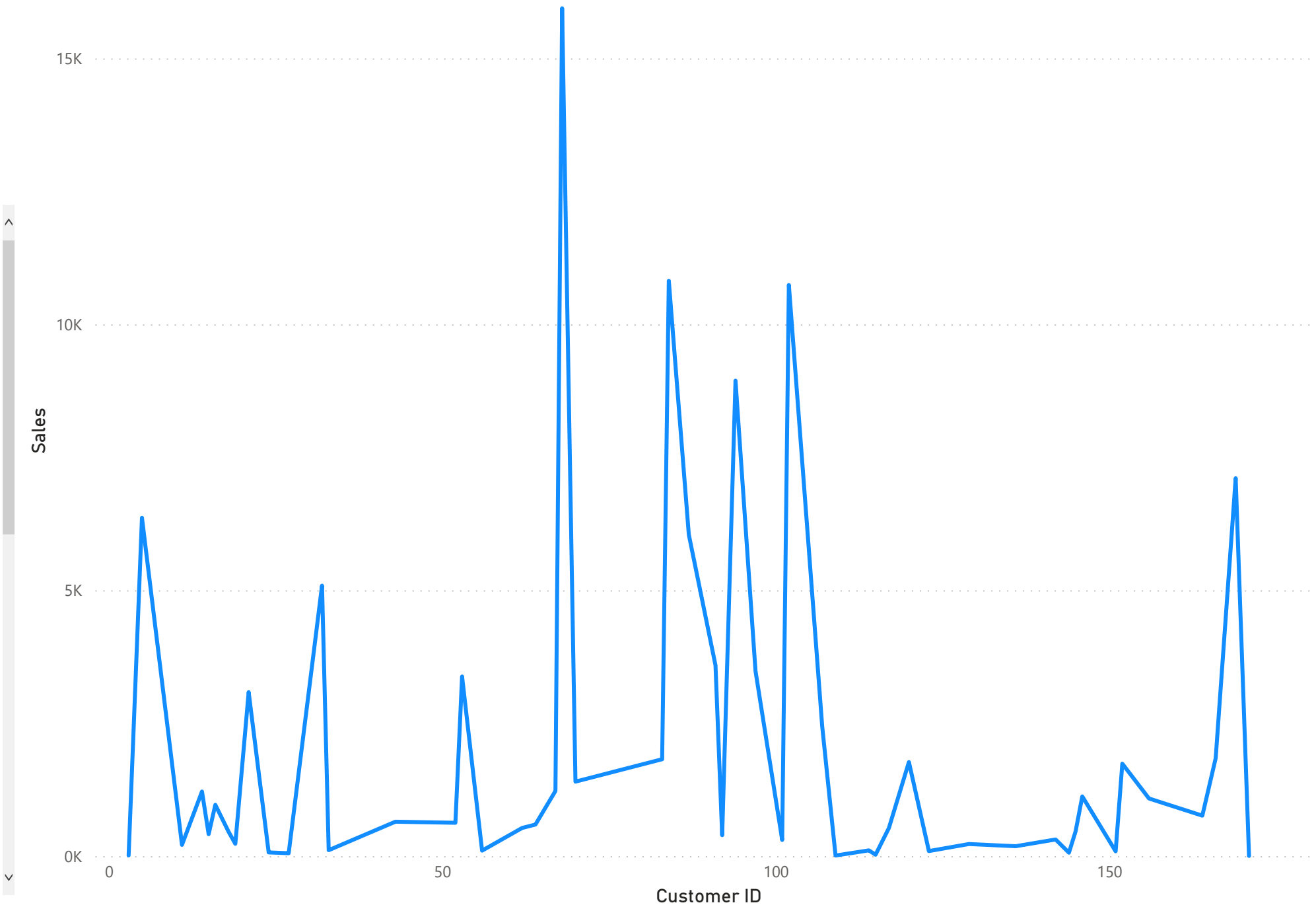
Sales and Count of Customer ID by Order Priority and Region



What is the customer ID which generated the highest sum of sales from the above categories?

Customer ID	Sales
101	303.59
102	10,740.57
107	2,441.27
109	11.13
11	211.15
114	108.25
115	26.07
117	528.24
120	1,768.58
123	94.97
129	227.46
136	186.26
14	1,214.93
142	312.59
144	64.40
145	468.27
146	1,123.16
15	413.00
151	90.57
152	1,738.13
156	1,083.90
16	964.79
164	761.18
166	1,839.91
Total	108,837.84

Sales by Customer ID



The Sales Manager would like to see whether Sales Target is achieved or not for the second quarter of the year 2015. Find out the total % of increase or decrease of sales over sales target and enter it in the answer box (without % and + sign)  
Note: Keep "None" as Display Units

Sales and Sales Target by Quarter



Quarter

- ☐ Qtr 1
- ☐ Qtr 2
- ☐ Qtr 3
- ☐ Qtr 4

Qtr 1

68,631.76  
Sales

70,208.88  
Sales Target

2015  
Year

Qtr 2

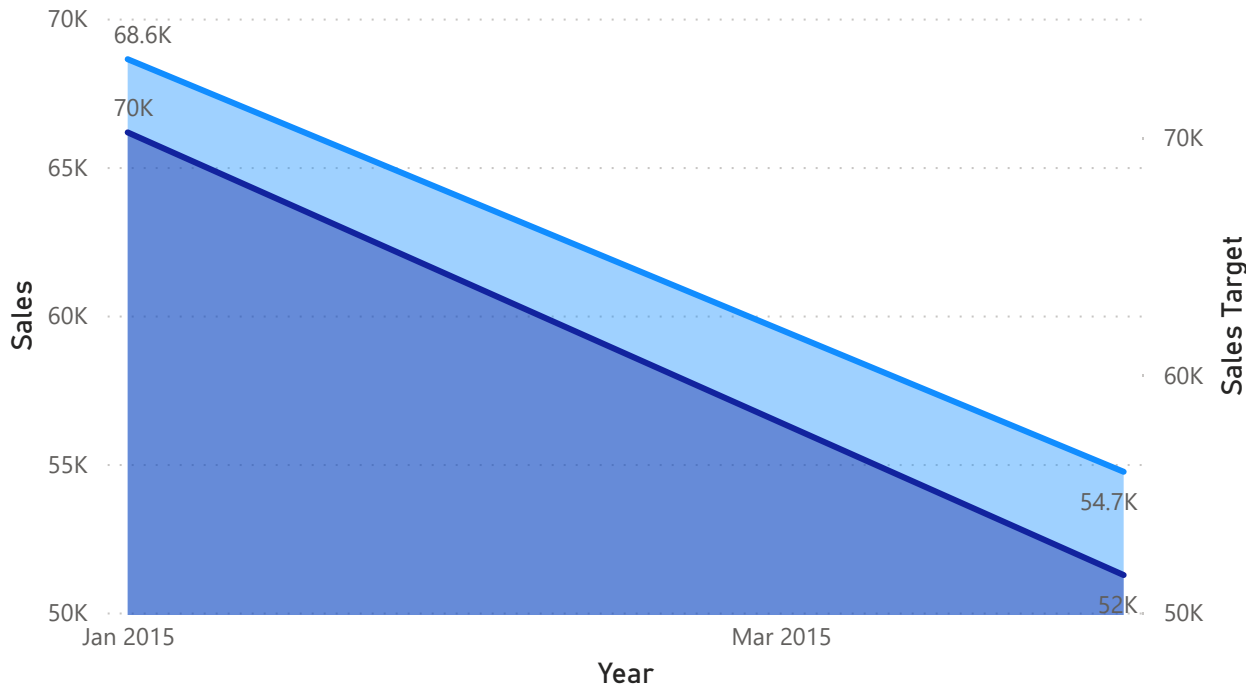
54,738.89  
Sales

51,576.34  
Sales Target

2015  
Year

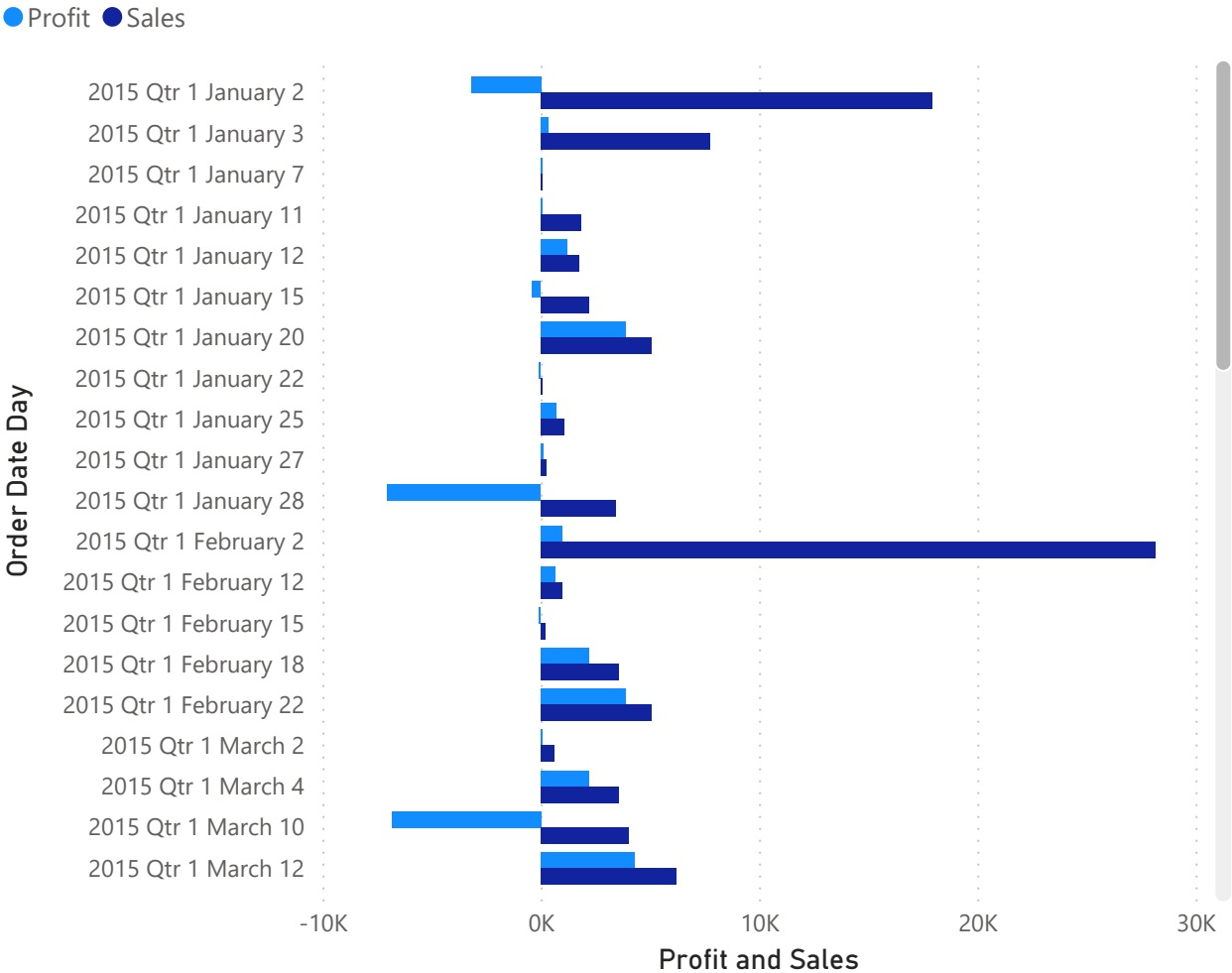
Sales and Sales Target by Year and Quarter

● Sales ● Sales Target

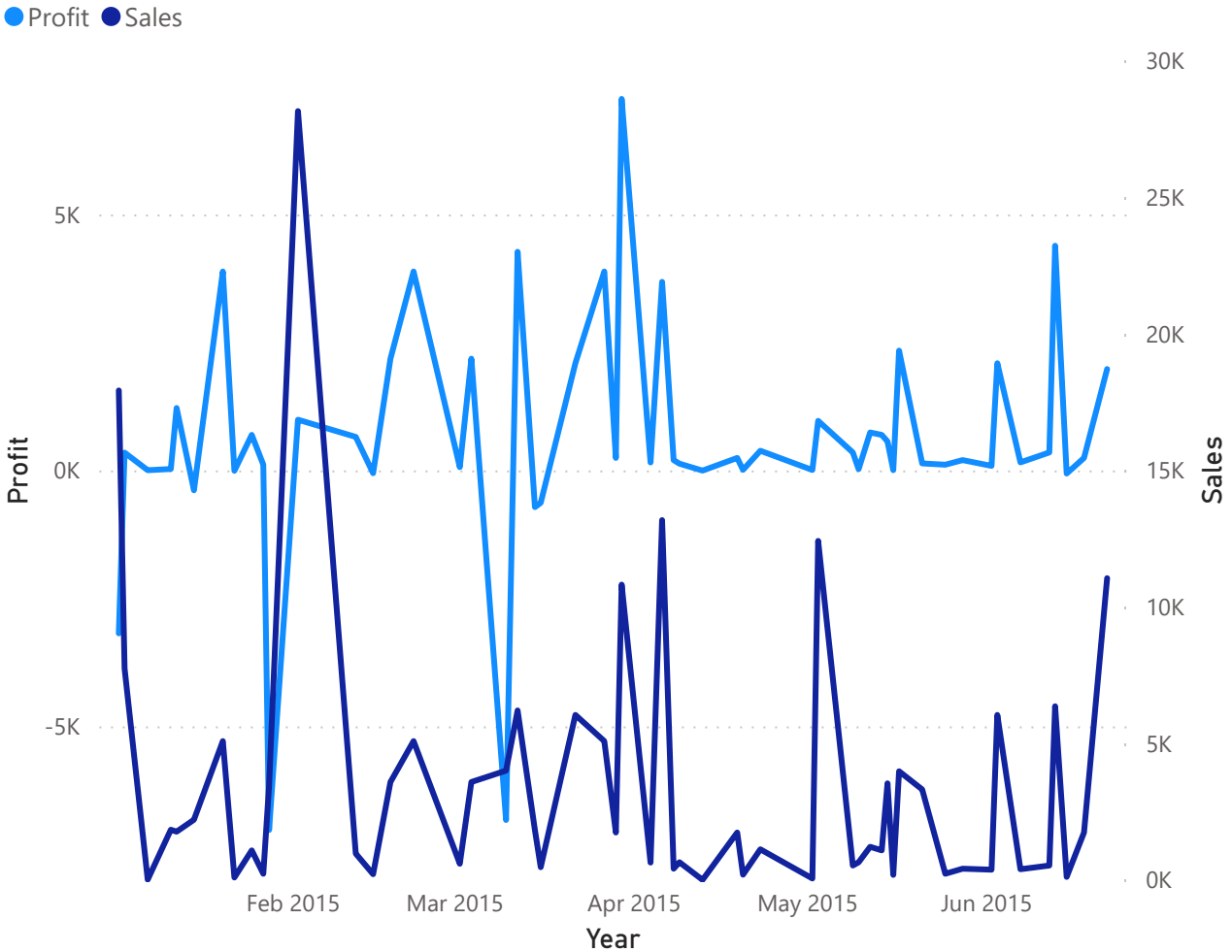


Compare the profit and sales till now.  
Enter the date and profit where there was the highest sale.  
Enter the date in DD/MM/YYYY format for example 03/04/2014  
Enter the profit for the corresponding date.

Profit and Sales by Year, Quarter, Month and Day



Profit and Sales by Year, Quarter, Month and Day



Sales Manager wants to track profit of specific product which contains name "Newell" and discount is less than 0.03. Create a visual and find out the product name which has the highest profit.  
Enter the full name of the product:  
Enter the profit amount

Newell 335

57.18

Profit

0.02

Discount

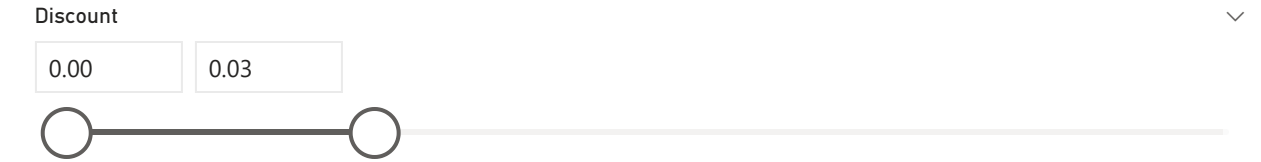
Newell 323

-5.31

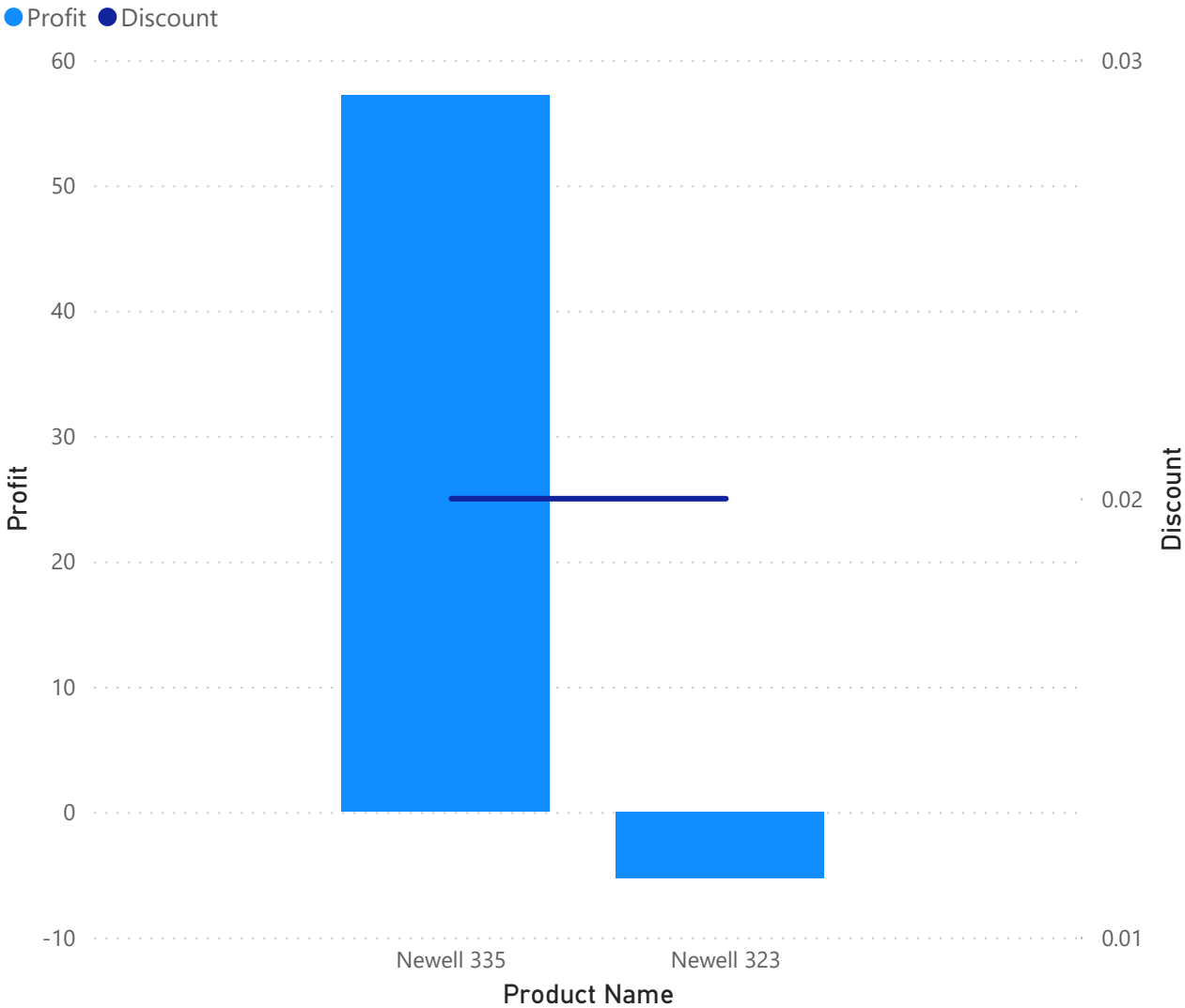
Profit

0.02

Discount



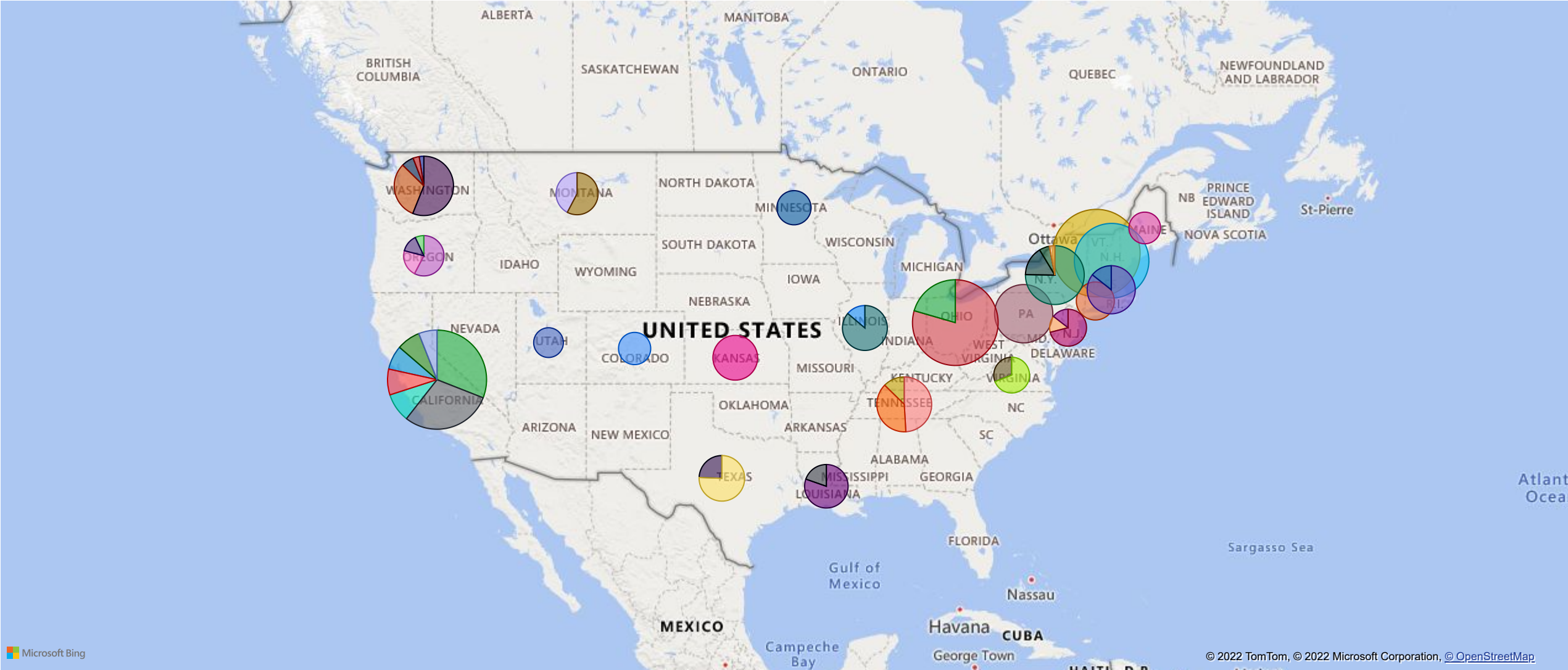
Profit and Discount by Product Name



The Sales Manager would like to represent their footprint in different cities online by showcasing the average shipping cost in that respective state.  
Find out the state with the highest average shipping cost.  
For the state of California, Share the name of the city and its profit which has the highest average shipping cost.  
Enter the city name:  
Enter the average value of the shipping cost for the above-submitted city:  
Enter the profit for the above-submitted city:

Average of Shipping Cost by State and City

City ● Alton ● Anacortes ● Ansonia ● Baton R... ● Biddeford ● Boston ● Burlingt... ● Canton ● Chicago ● Cincinnati ● Dover ● Fort Coll... ● Fort Lee ● Grants P... ● Gresham ● Helena ● Kingsport ● Knoxville ▶

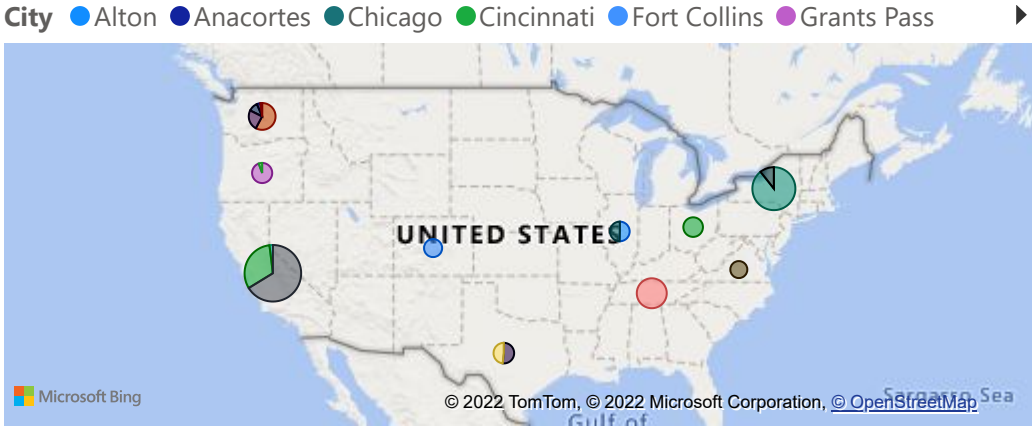




0.00

0.03

Average of Shipping Cost by State and City



Quarter

- ☐ Qtr 1
- ☐ Qtr 2
- ☐ Qtr 3
- ☐ Qtr 4

Qtr 1

8,138.61

Sales

7,609.44

Sales Target

2015

Year

Qtr 2

15,486.65

Sales

14,655.94

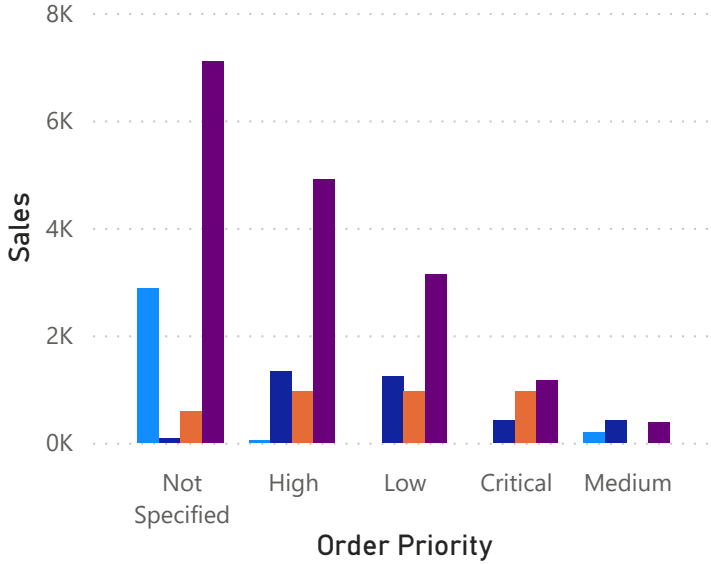
Sales Target

2015

Year

Sales and Count of Customer ID by Order Priority and Region

Region ● Central ● East ● South ● West



Newell 335

57.18

0.02

Profit

Discount

Newell 323

-5.31

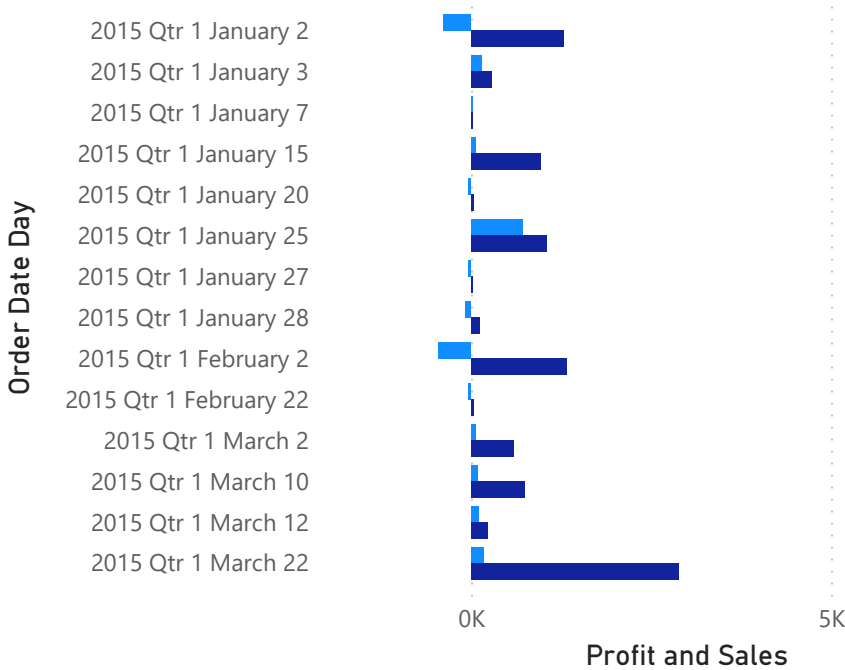
0.02

Profit

Discount

Profit and Sales by Year, Quarter, Month and Day

● Profit ● Sales



Sales by Customer ID

