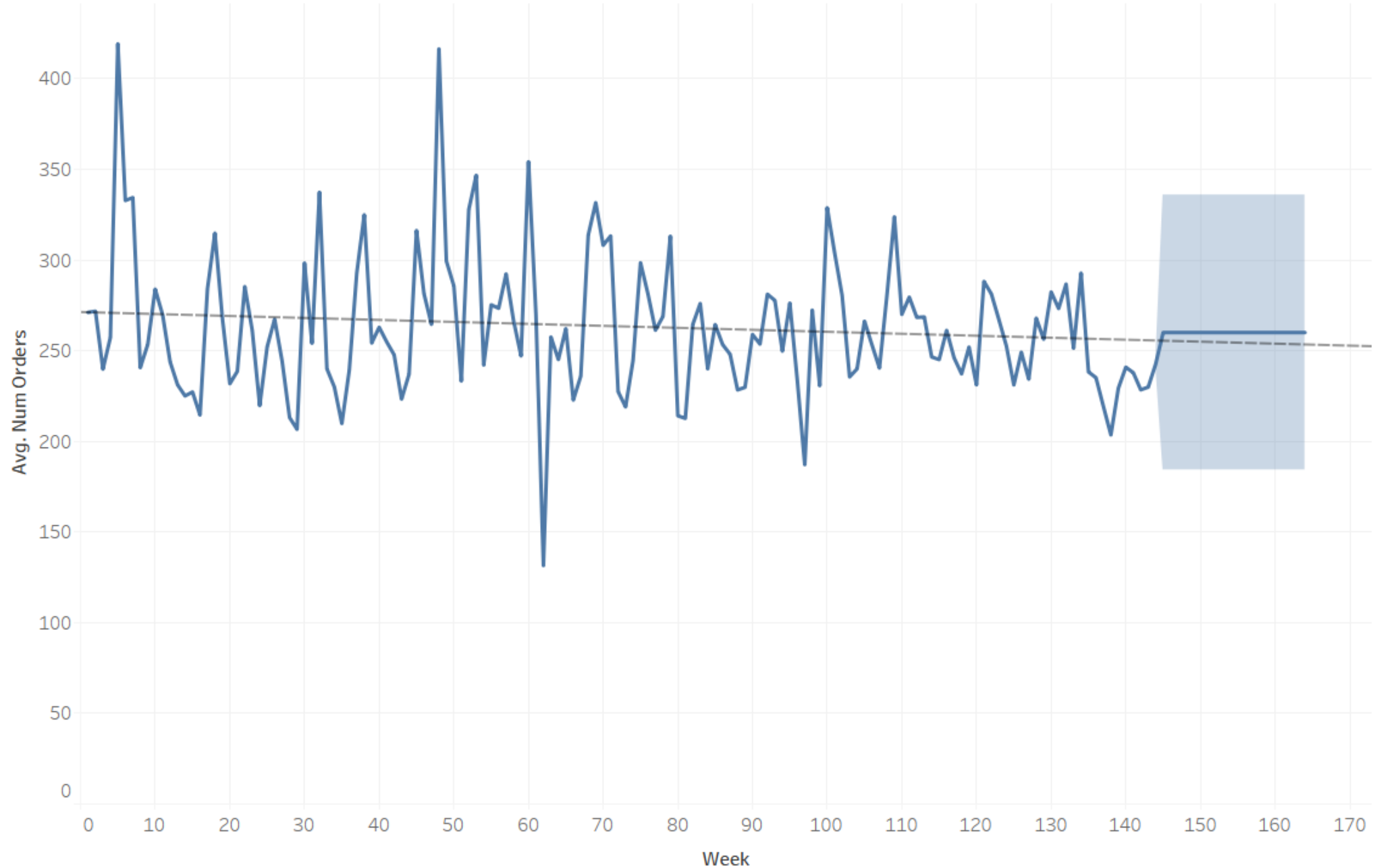
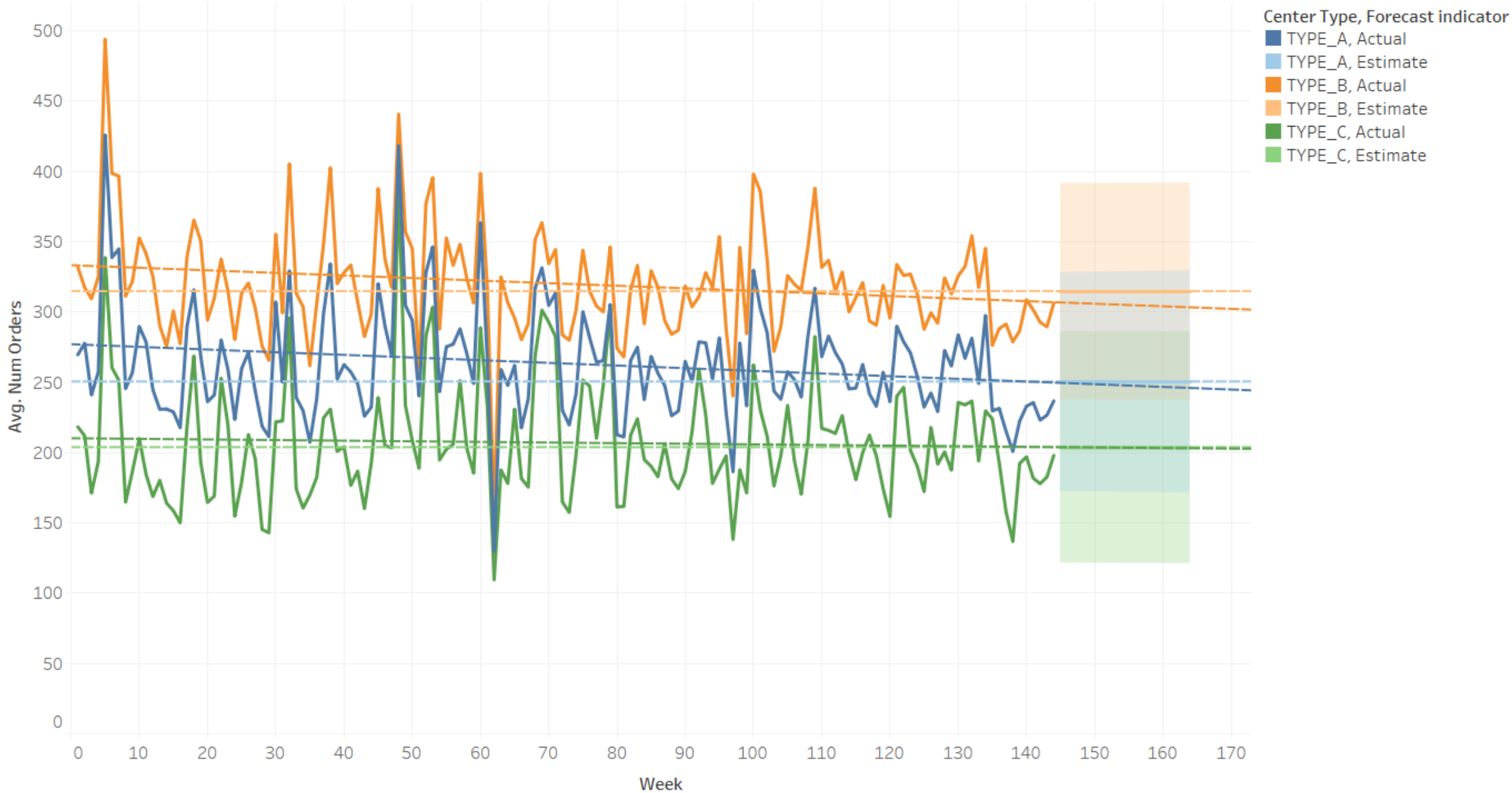
Food Forecasting Project Dashboard-Story

Forecasting for All



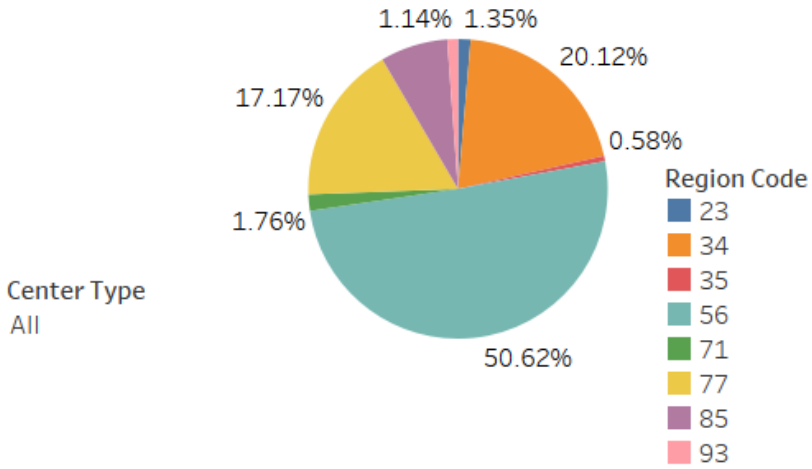
The trend of average of Num Orders (actual & forecast) for Week. The data is filtered on Center Type, which keeps TYPE_A, TYPE_B and TYPE_C.

Forecasting for all center type

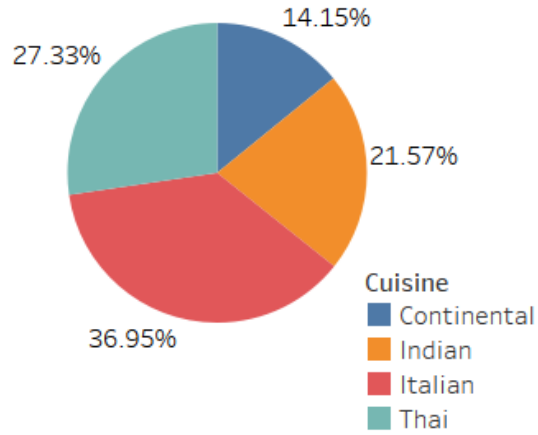


The trend of average of Num Orders (actual & forecast) for Week. Color shows details about Center Type and Forecast indicator. The view is filtered on Center Type, which keeps TYPE_A, TYPE_B and TYPE_C.

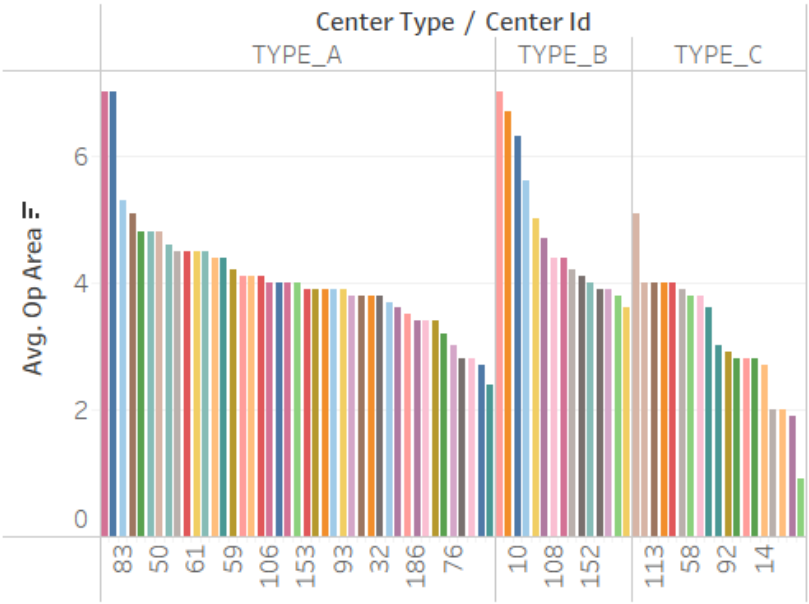
Percentage of orders by region for All



Percentage of orders by cuisine for All

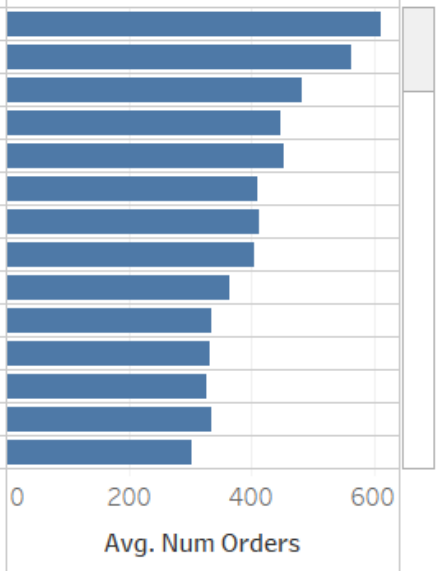


Avg operational area for All

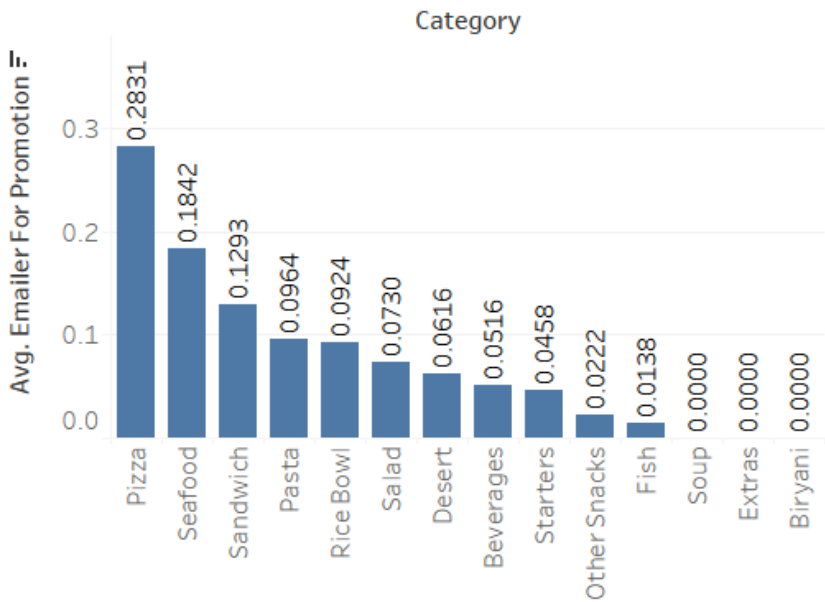


No.of orders by center_id for All

Center Id	Region C..	Center T..
13	56	TYPE_B
43	56	TYPE_A
10	56	TYPE_B
52	56	TYPE_B
137	56	TYPE_A
67	56	TYPE_B
11	56	TYPE_A
174	56	TYPE_A
104	56	TYPE_A
27	85	TYPE_A
108	56	TYPE_B
51	56	TYPE_A
99	71	TYPE_A
132	56	TYPE_A

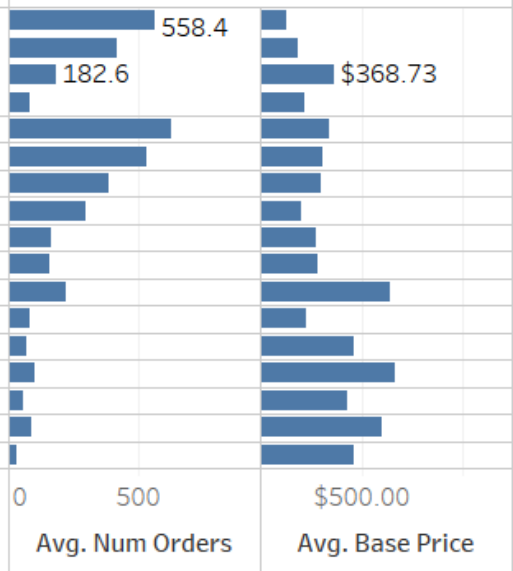


Promotional Email for All



Demand & price for meal category for All

Category	Cuisine
Beverages	Thai
	Italian
	Continental
	Indian
Rice Bowl	Indian
Sandwich	Italian
Salad	Italian
Extras	Thai
Other Snacks	Thai
Starters	Thai
Pizza	Continental
Soup	Thai
Desert	Indian
Seafood	Continental
Pasta	Italian
Fish	Continental
Biryani	Indian



Food Forecasting Project Story

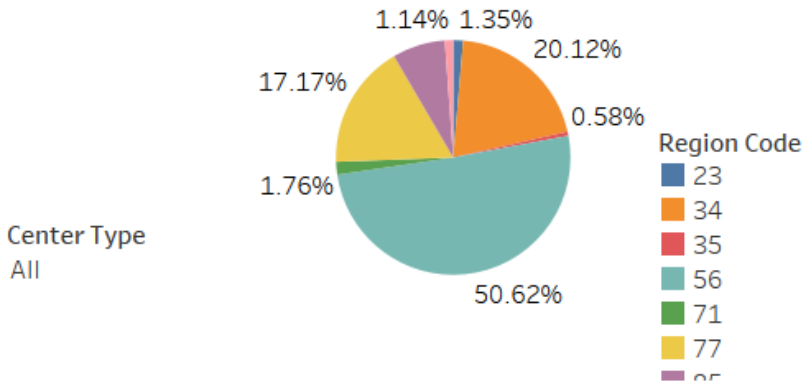
This shows the overall trend of n..

In Type A, maximum orders..

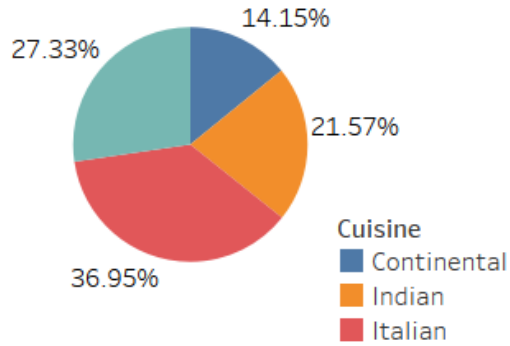
In Type B, maximum orders..

In Type C, maximum orders..

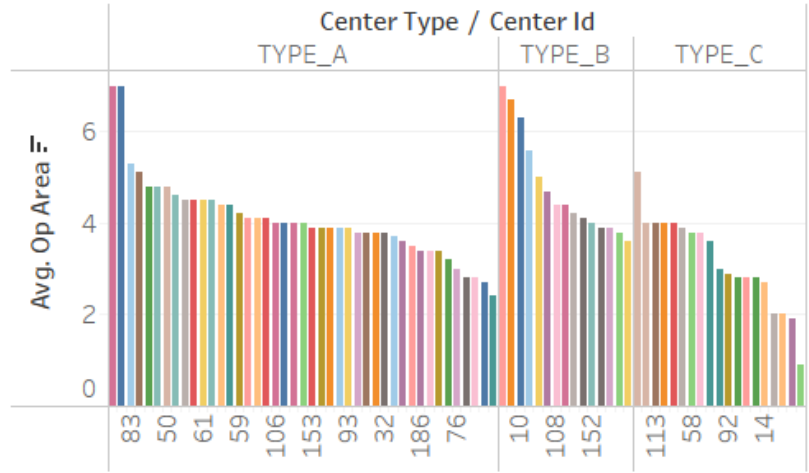
Percentage of orders by region for All



Percentage of orders by cuisine for All



Avg operational area for All



No.of orders by center_id for All

Center Id	Region C..	Center T..
13	56	TYPE_B
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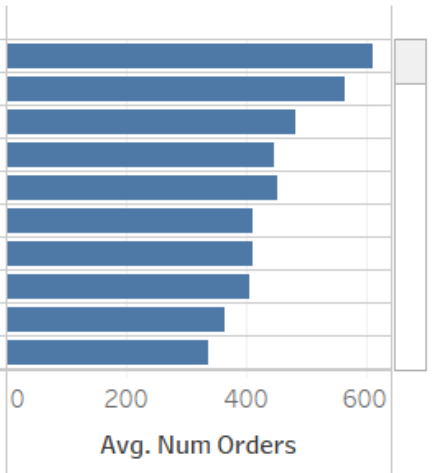
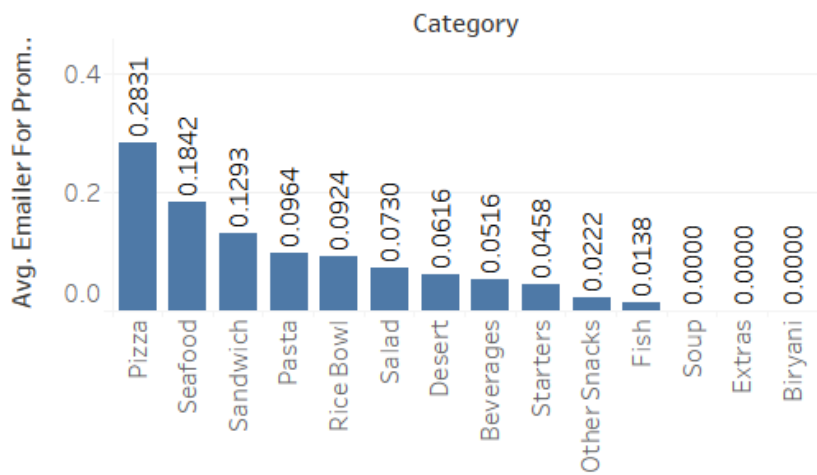
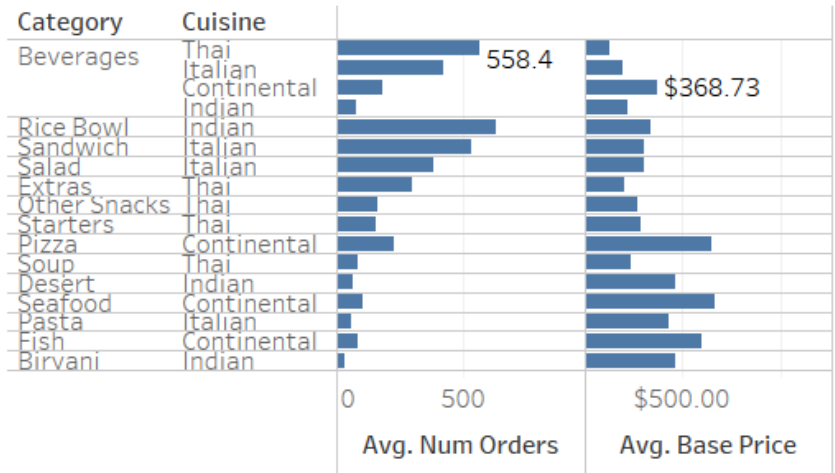
137	56	TYPE_A
67	56	TYPE_B
11	56	TYPE_A
174	56	TYPE_A
104	56	TYPE_A
27	85	TYPE_A



Promotional Email for All



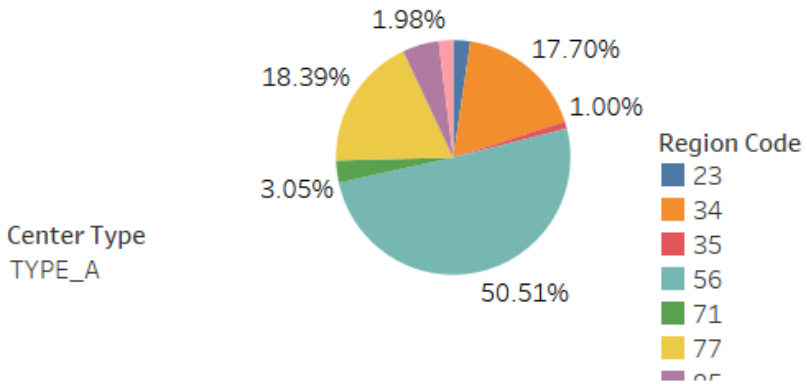
Demand & price for meal category for All



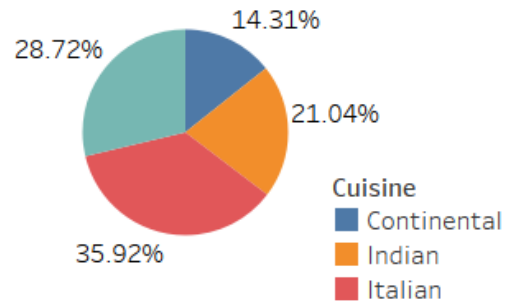
Food Forecasting Project Story

This shows the overall trend of n.. | **In Type A, maximum orders..** | In Type B, maximum orders.. | In Type C, maximum orders..

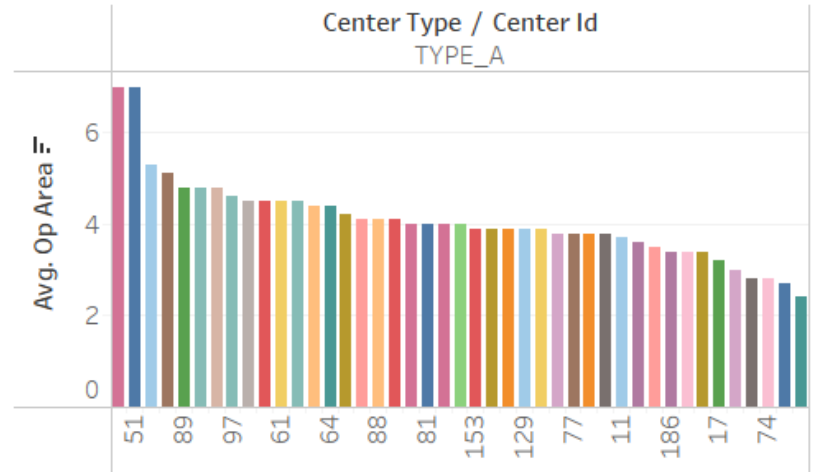
Percentage of orders by region for TYPE_A



Percentage of orders by cuisine for TYPE_A

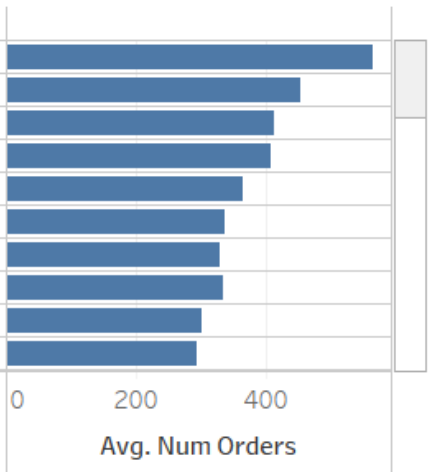


Avg operational area for TYPE_A

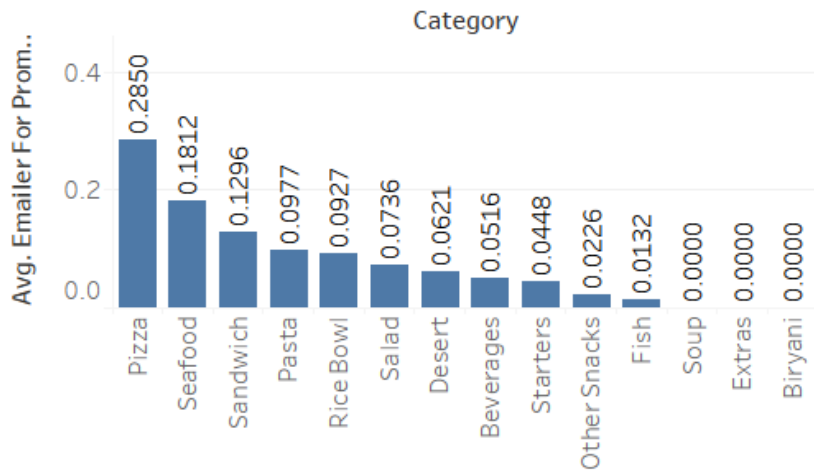


No.of orders by center_id for TYPE_A

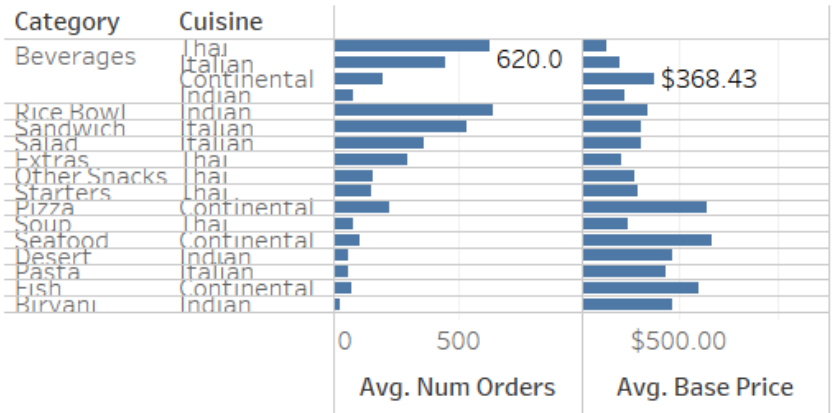
Center Id	Region C..	Center T..
43	56	TYPE_A
137	56	TYPE_A
11	56	TYPE_A
174	56	TYPE_A
104	56	TYPE_A
27	85	TYPE_A
51	56	TYPE_A
99	71	TYPE_A
132	56	TYPE_A
89	56	TYPE_A



Promotional Email for TYPE_A



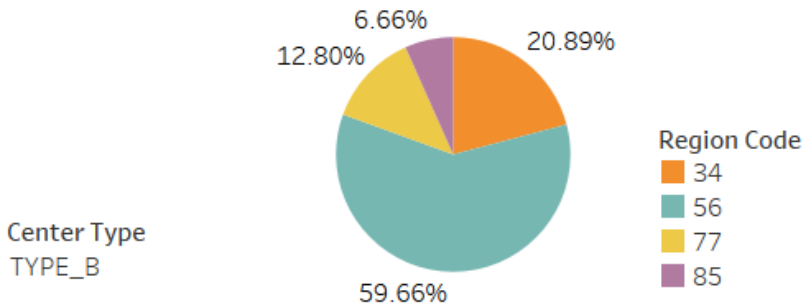
Demand & price for meal category for TYPE_A



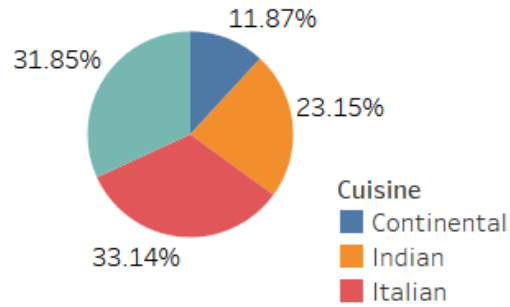
Food Forecasting Project Story

This shows the overall trend of n.. | In Type A, maximum orders.. | **In Type B, maximum orders..** | In Type C, maximum orders..

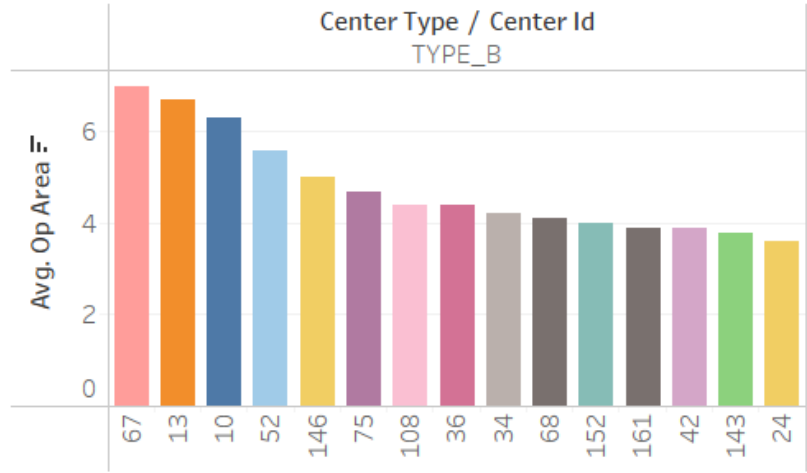
Percentage of orders by region for TYPE_B



Percentage of orders by cuisine for TYPE_B

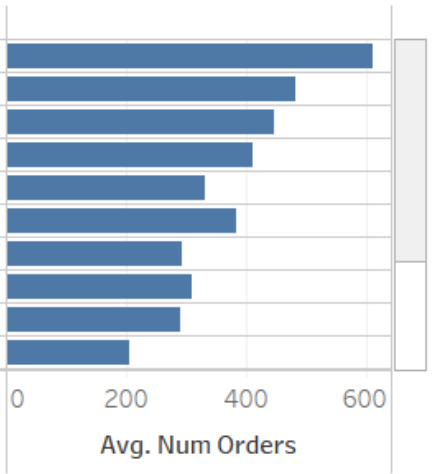


Avg operational area for TYPE_B

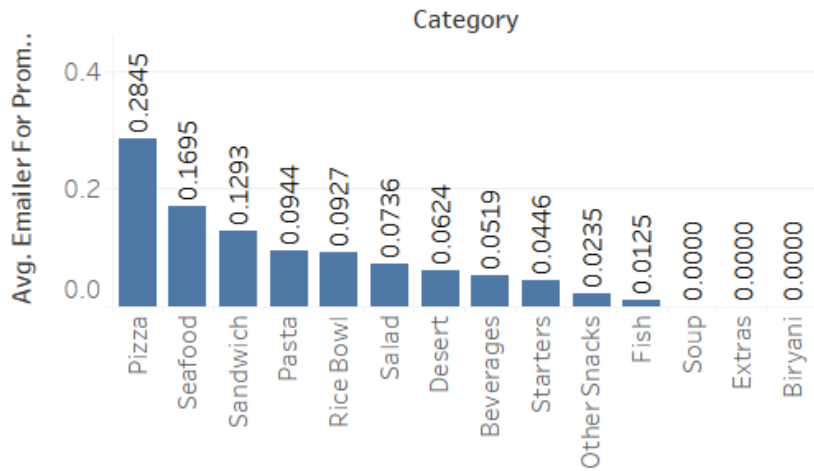


No.of orders by center_id for TYPE_B

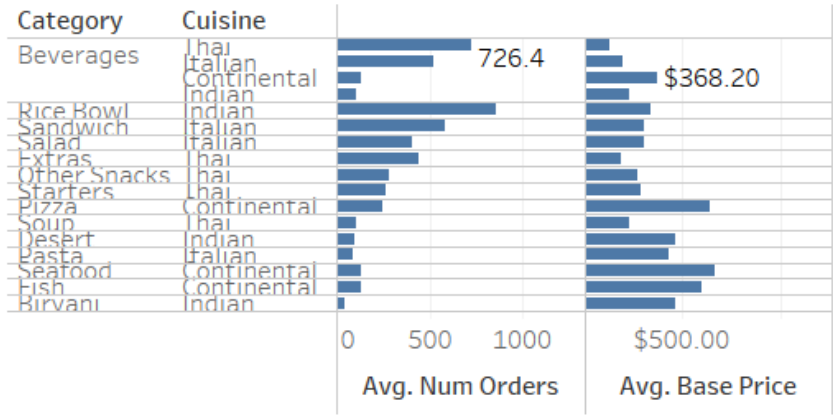
Center Id	Region C..	Center T..
13	56	TYPE_B
10	56	TYPE_B
52	56	TYPE_B
67	56	TYPE_B
108	56	TYPE_B
24	85	TYPE_B
36	56	TYPE_B
146	34	TYPE_B
75	77	TYPE_B
152	34	TYPE_B



Promotional Email for TYPE_B



Demand & price for meal category for TYPE_B



Food Forecasting Project Story

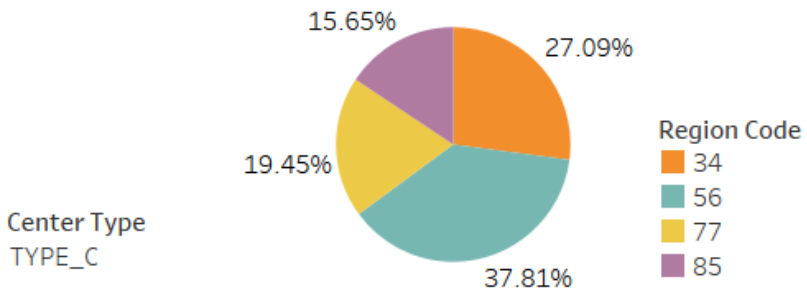
This shows the overall trend of n..

In Type A, maximum orders..

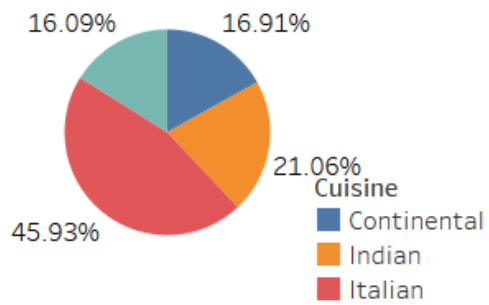
In Type B, maximum orders..

In Type C, maximum orders..

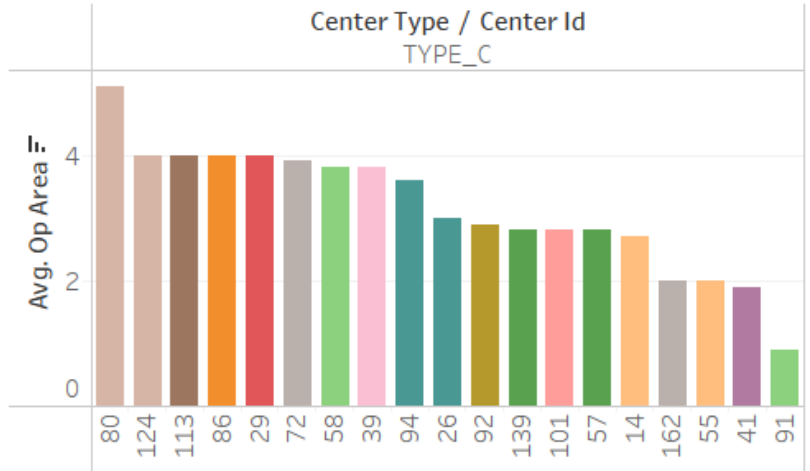
Percentage of orders by region for TYPE_C



Percentage of orders by cuisine for TYPE_C



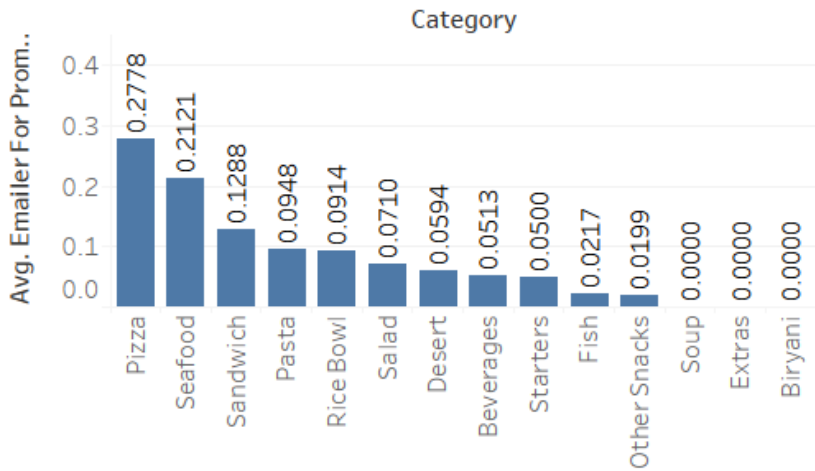
Avg operational area for TYPE_C



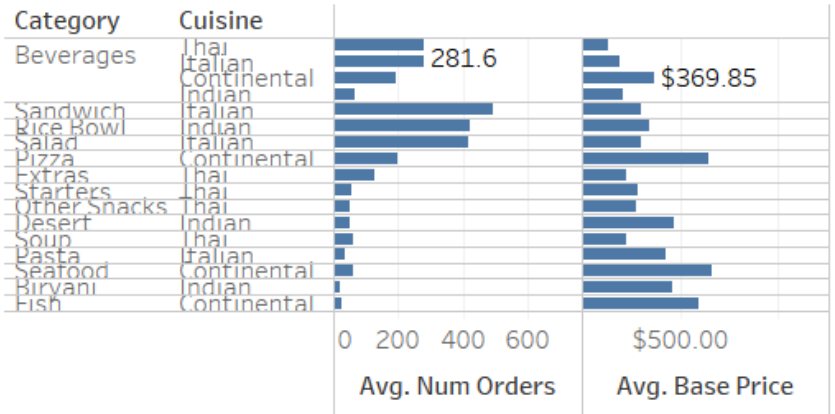
No.of orders by center_id for TYPE_C

Center Id	Region C..	Center T..
80	56	TYPE_C
86	85	TYPE_C
72	56	TYPE_C
124	56	TYPE_C
101	85	TYPE_C
113	77	TYPE_C
39	34	TYPE_C
14	56	TYPE_C
29	34	TYPE_C
58	77	TYPE_C

Promotional Email for TYPE_C



Demand & price for meal category for TYPE_C



Story Captions for the Food Forecasting Project

- The overall trend of number of orders shows, Type B and A doing well, as compared to Type C, in terms of placing more number of orders.
- More number of orders are estimated to be placed from Type B, than A and C, as seen from forecasting plot in page 3.
- Center_id: 13,43,137,11,174,104 are overall doing good, in terms of average number of orders. While, 41 and 91 is placing a few orders only. The promotional email for Pizza and seafood has been the largest, but number of orders placed for Pizza and seafood are less, due to its high price. Overall, the price of continental items are higher, which should be reduced.
- In Type A, maximum orders were made by region 56, and least order was through region 35. There is a larger demand for Italian food. Maximum orders for Rice bowl has been made, while, least number of orders were made for Biryani, Pasta and dessert. Center_id: 43,137,11,174,104 are doing good, while 74 and 149 are placing fewer orders.
- In Type B, maximum orders were made by region 56, and least by region 85. There is a larger demand for Italian and Thai food, and least for Continental. Maximum orders for rice bowl and Thai beverages has been made, while, least number of orders were made for Biryani. Center_id: 13 has made largest number of orders, and 161 has made the least.
- In Type C, maximum orders were made by region 56, and least from region 85. There is a larger demand for Italian and Indian food, and least for Thai food. Maximum orders for sandwich, rice bowl and Italian salad has been made, while, least number of orders were made for Biryani and fish. Center_id: 86 has made largest number of orders, while 41 has made the least.

Summary of the Food Forecasting Project

- The price of continental items are high, and even though there is higher promotional branding for them, number of orders for continental items are very less. Reducing the base prices for continental items would see a rise in number of orders.
- The utilization of operational area is least in region 35,since the number of orders are very less for the given operational area. This area needs to be utilized well, in order for the fulfillment centers coming under region 35 to perform better. Apart from this, center_id : 77,64 and 161, coming under region 34, 77 also need to improve their utilization, by placing more number of orders.
- Overall, fulfillment centers with center_id: 13,43,137,11,174,104 are doing well in terms of number of orders placed, whereas, 74,149,161 are performing poor.