

PREPARED BY

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DATE OF SUBMISSION

27TH JULY'20

Here's the problem statement:

Your client is a meal delivery company that operates in multiple cities. They have various fulfillment centers in these cities for dispatching meal orders to their customers. The client wants to help these centers with demand forecasting for upcoming weeks so that these centers will plan the stock of raw materials accordingly.

The replenishment of the majority of raw materials is done on a weekly basis and since the raw material is perishable, procurement planning is of utmost importance. Secondly, staffing of the centers is also one area wherein accurate demand forecasts are really helpful. We have the below information with us in the form of 3 different datasets:

Historical data of demand for a product-center combination

Product (Meal) features such as category, sub-category, current price and discount

Information for fulfillment centers like center area, city information, etc.

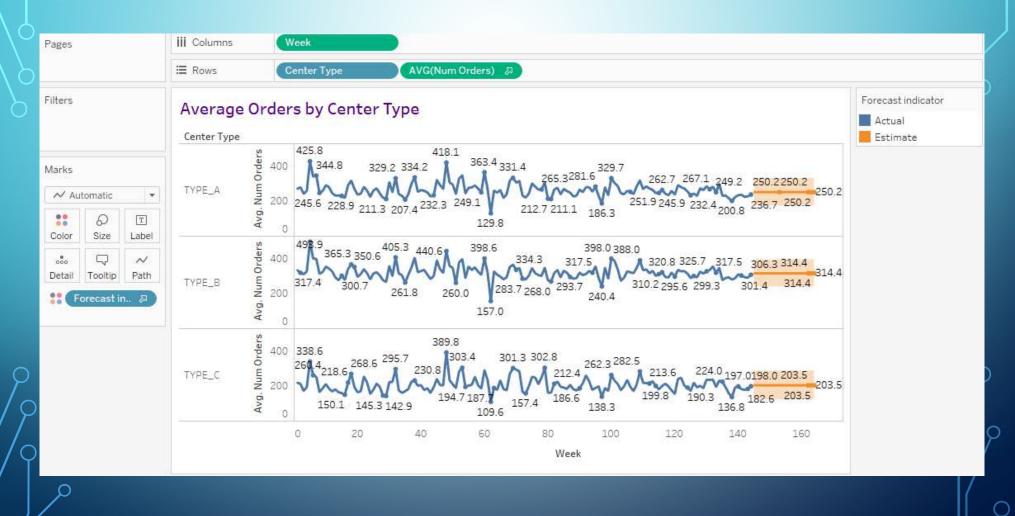
You can download the dataset from here.

You need to come up with a story in Tableau that talks about the level of demand in each center. This analysis needs to be granular enough to include product information as well. The client wants an end-to-end report to understand which fulfillment areas are doing well and which aren't. You can also talk about center-meal combinations to add nuance to your final submission.

Submit your final report in the form of a Word document if you're using Tableau Public. If you're on Tableau Desktop, you can share this in the form of a storyboard itself.



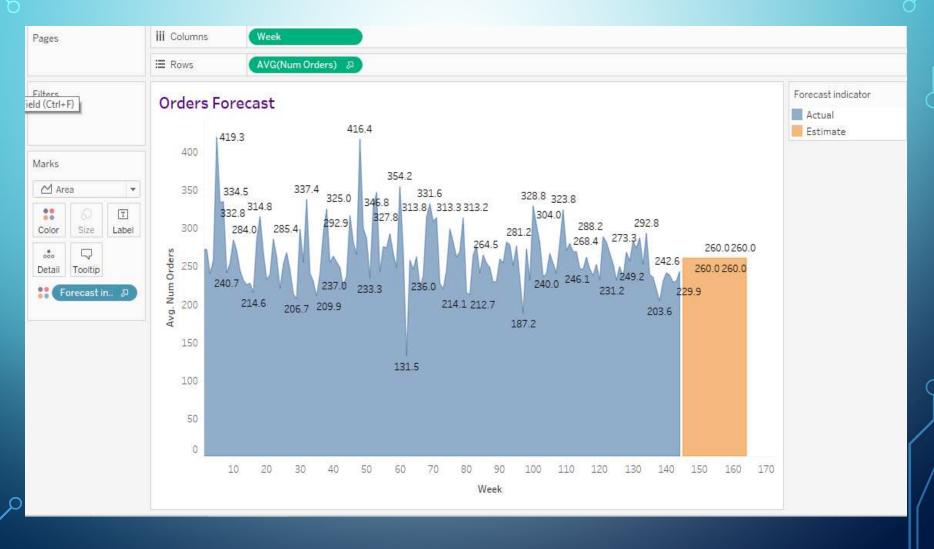
Avg Orders by Center Type



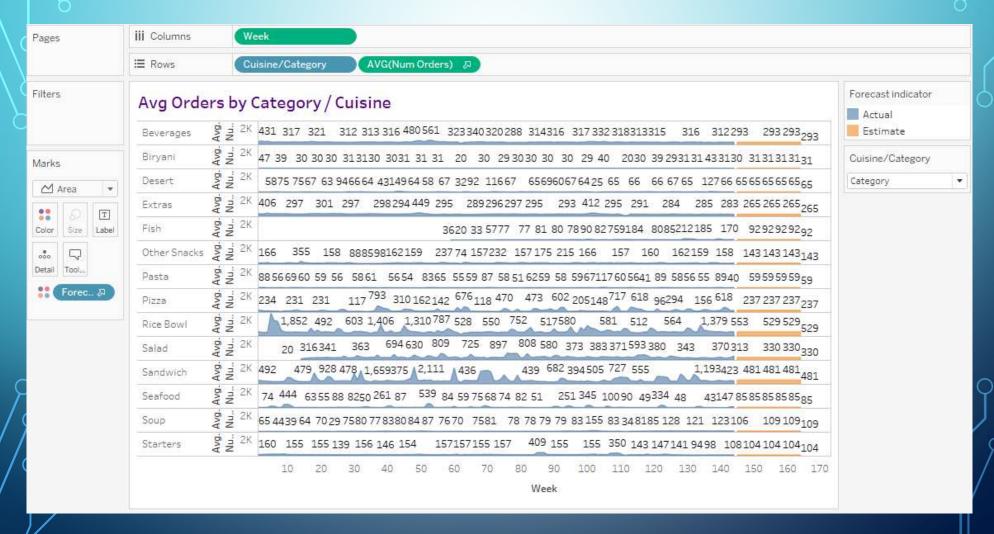
Avg Orders by Center ID



Orders Forecast



Avg Orders by Category/Cuisine



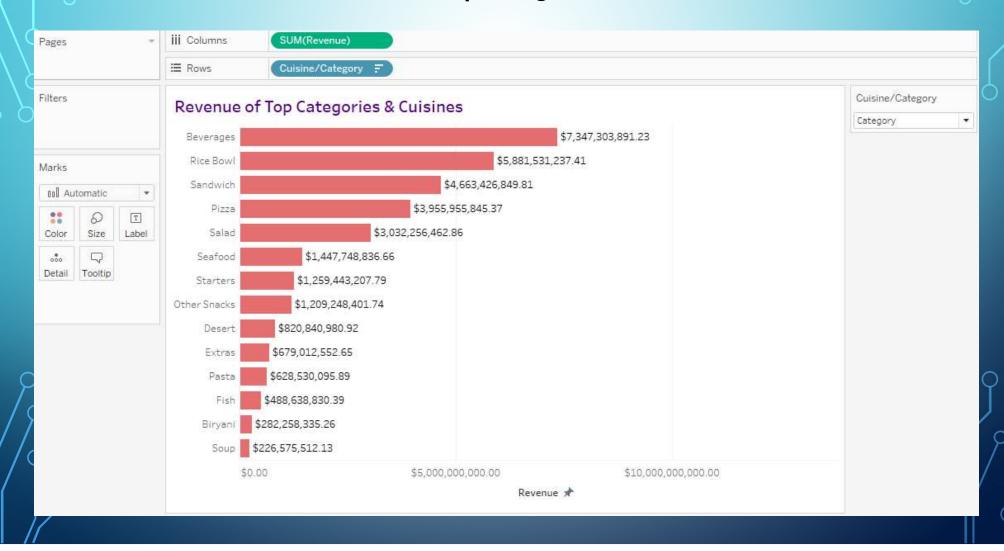
Promotional Branding - Category and Cuisine wise



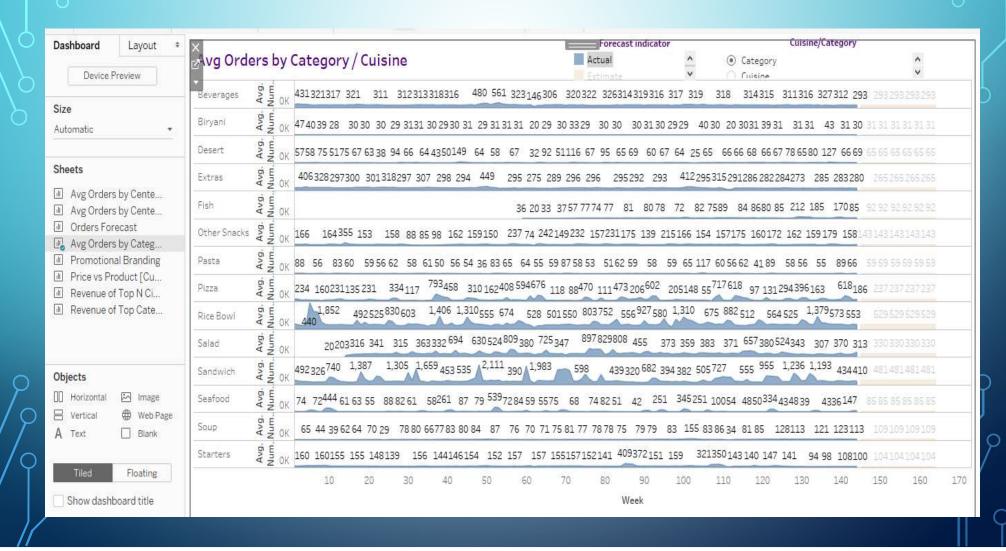


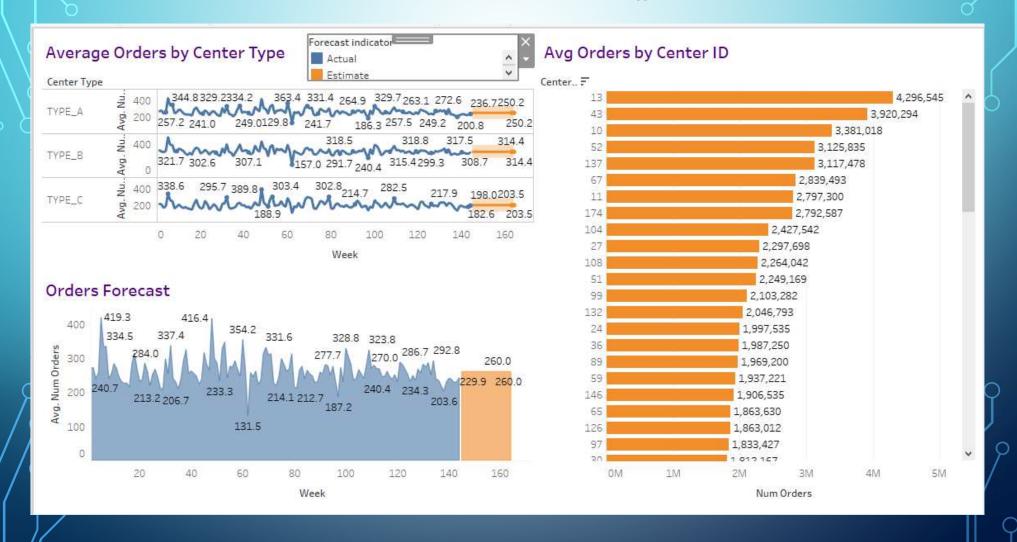


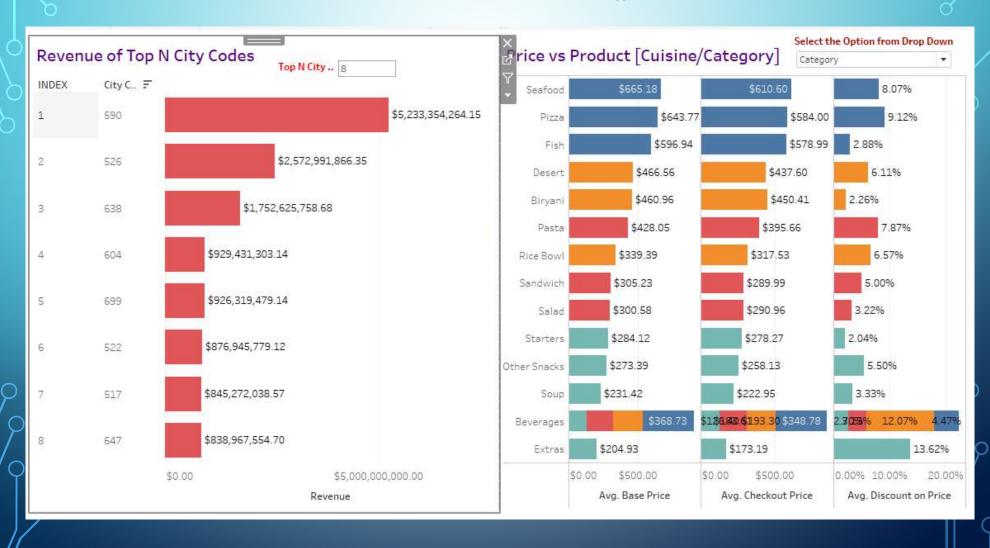
Revenue of Top Categories & Cuisines

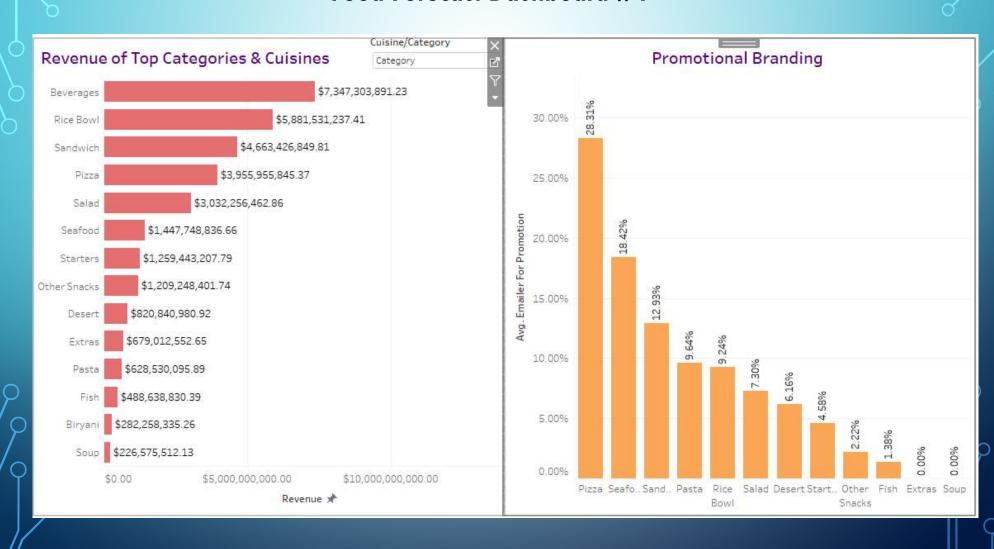


DASHBOARDS









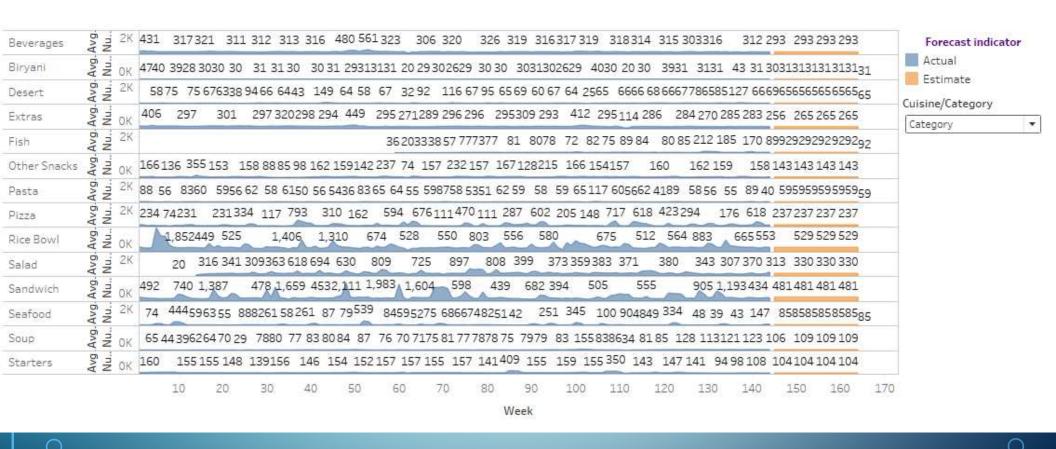
STORY BOARD

Rice bowl and Sandwich Categories shows Maximum Demand. Italian Cuisine shows Maximum Demand TYPE B Center shows maximum forecast demand. Center ID - 13 has supplied maximum average number of orders "City Code 590" (Rank #1) generates more revenue. Avg "Checkout Price" was maximum for Seafood Under Cuisine Max Discount of 7.09% was given for "Italian Food "Beverages Max Promot



Rice bowl and Sandwich Categories shows Maximum Demand.

Italian Cuisine shows Maximum Demand

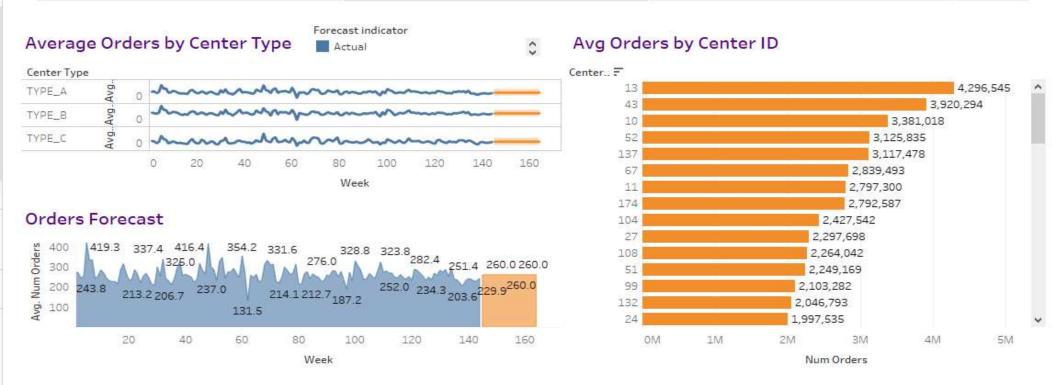


Rice bowl and Sandwich Categories shows Maximum Demand.

Italian Cuisine shows Maximum Demand

Rice bowl and Sandwich Categories shows Maximum
Demand, Italian Cuisine shows Maximum Demand

TYPE B Center shows maximum forecast demand. Center ID - 13 has supplied maximum average number of orders "City Code 590" (Rank #1) generates more revenue. Avg "Checkout Price" was maximum for Seafood Under Cuisine Max Discount of 7,09% was given for "Italian Fooi "Beverages Max Promot



TYPE B Center shows maximum forecast demand.

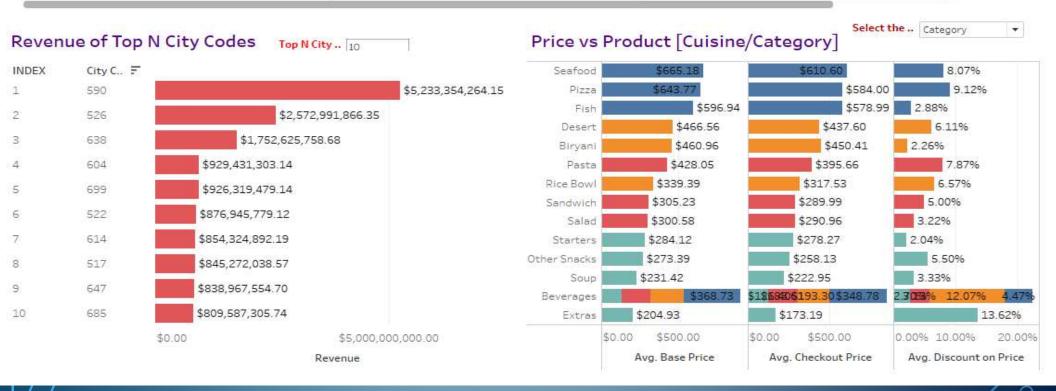
Center ID - 13 has supplied maximum average number of orders

Rice bowl and Sandwich Categories shows Maximum Demand. Italian Cuisine shows Maximum Demand TYPE B Center shows maximum forecast demand.

Center ID - 13 has supplied maximum average number of orders.

"City Code 590" (Rank #1) generates more revenue. Avg "Checkout Price" was maximnum for Seafood Under Cuisine Max Discount of 7.09% was given for

"Italian Fooi "Beverages Max Promot



"City Code 590" (Rank #1) generates more revenue.

Avg "Checkout Price" was maximum for Seafood

Under Cuisine Max Discount of 7.09% was given for "Indian Food"

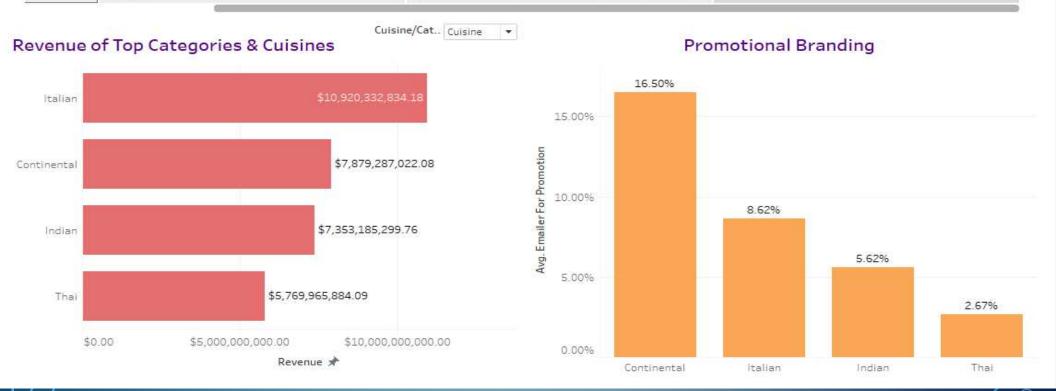
Under Category Max discount of 9.12% was given for "Pizza"

Maximum emand

TYPE B Center shows maximum forecast demand.

Center ID - 13 has supplied maximum average number of orders

"City Code 590" (Rank #1) generates more revenue. Avg "Checkout Price" was maximum for Seafood Under Cuisine Max Discount of 7.09% was given for "Italian Food" Cuisine generating more revenue "Beverages" Category generating more revenue Max Promotional Branding was done for "Pizza"



"Italian Food" Cuisine generating more revenue
"Beverages" Category generating more revenue
Max Promotional Branding was done for "Pizza" category.
Max Promotional Branding was done for "Continental" Cuisine



"Italian Food" Cuisine generating more revenue
"Beverages" Category generating more revenue
Max Promotional Branding was done for "Pizza" category.
Max Promotional Branding was done for "Continental" Cuisine

THANK YOU