

DEMANDEST-AI POWERED FOOD DEMAND FORECASTER

PROJECT OBJECTIVES:

The main aim of this project is to create an appropriate machine learning model to forecast the number of orders to gather raw materials for next ten weeks. To achieve this, we should know the information about of fulfillment center like area, city etc., and meal information like category of food sub category of food price of the food or discount in particular week. By forecasting the exact raw materials and other resources required for each dish, you can experience a significant reduction in wastage. In the narrow sense, the objective of forecasting is **to produce better forecasts**. But in the broader sense, the objective is to improve organizational performance—more revenue, more profit, increased customer satisfaction. By using this data, we can use any classification algorithm to forecast the quantity for 10 weeks. A web application is built which is integrated with the model built.

