

# JOS in Data Science: Course 8 Project

## Analyzing Data for Superstore

Use your newly acquired Tableau skills to analyze, manipulate, wrangle, and visualize the data for a huge Superstore franchise. You will work with a dataset that covers features like product name, categories, regions, cities, and a whole host of other variables. Learn how to create business stories and build dashboards in this project.

## Food Forecasting Analysis

Your client is a meal delivery company that operates in multiple cities. They have various fulfilment centres in these cities for dispatching meal orders to their customers. The client wants to help these centres with demand forecasting for upcoming weeks so that these centres 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 centres 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-centre combination
- Product (Meal) features such as category, sub-category, current price and discount
- Information for fulfilment centres like centre 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 centre. This analysis needs to be granular enough to include product information as well. The client wants an end-to-end report to understand which fulfilment areas are doing well and which aren't. You can also talk about centre-meal combinations to add nuance to your final submission.