Aim

Who doesn’t love food? All of us must have craving for at least a few favourite food items, we may also have a few places where we like to get them, a restaurant which serves our favourite food the way we want it to be. But there is one factor that will make us reconsider having our favourite food from our favourite restaurant the cost. We will use your Data Science skills to investigate the factors that really affect the cost, and who knows maybe you will even gain some very interesting insights that might help you choose what to eat and from where.

Size of training set: 12,690 records

Size of test set: 4,231 records

**FEATURE**

**TITLE:**The feature of the restaurant which can help identify what and for whom it is suitable for.

**RESTAURANT\_ID:**A unique ID for each restaurant.

**CUISINES:**The variety of cuisines that the restaurant offers.

**TIME:**The open hours of the restaurant.

**CITY:**The city in which the restaurant is located.

**LOCALITY:**The locality of the restaurant.

**RATING:** The average rating of the restaurant by customers.

**VOTES:**The overall votes received by the restaurant.

**COST:** The average cost of a two-person meal.

Evaluation

After analysis we understand we understand what to eat and where and it is done by using train and test the dataset with the Submissions are evaluated on Root-Mean-Squared-Error (RMSE) between the predicted value and observed score values. The random forest regressor for predict the train and test dataset. That evaluation done in that dataset and also determine the error for predicting the value of dataset.

RESULT

Submissions are evaluated on Root-Mean-Squared-Log-Error (RMSLE) error nad deter mine the with the random forest and bagging regressor. For elaborate the test and train dataset of restaurant.