

Fare Prediction for Uber.

DESCRIPTION

Design an algorithm that will tell the fare to be charged for a passenger.

Problem Statement Scenario:

A fare calculator helps a customer in identifying the fare valid for the trip. They are often used by passengers who are new to a city or tourists to get an estimate of the travel costs.

You are provided with a dataset with features like fare amount, pickup and drop location, passenger count, and so on.

Following actions should be performed:

- Understand the type of data.
- Identify the output variable.
- Identify the factors which affect the output variable.
- Check if there are any biases in your dataset.
- Count the null values existing in columns.
- Remove the null value rows in the target variable.
- Perform train test split.
- Predict the accuracy using regression models.
- Check and compare the accuracy of the different models.

Click here to download the [train.csv](#) dataset

Click here to download the [test.csv](#) dataset

You can download the solution from here - 