**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](https://drive.google.com/open?id=1Yp_1LWg4rtBj6ezbu6AqGRO8LpFUdYiD" \t "_blank) dataset

Click here to download the [test.csv](https://github.com/Simplilearn-Edu/Machine-Learning--Projects/blob/master/Projects/Course%20End%20Projects/Project%209.1%20-%20Uber%20Fare%20Prediction/Dataset%20for%20the%20project/test.zip" \t "_blank) dataset

You can download the solution from here -