Taxi price prediction

GROUP MEMBERS:

1. JEFFRY.Y

2. VIGNESH.R

3. DEEPAN.M

4. AHAMED YUSOUF.B

TAXI PRICE PREDECTION:

This is a prediction machine learning model. In this project, my objective was to predict the fare of a cab based on time and daytime variance. I applied data cleaning, calculating the distance between the total and the destination. I implemented some ML regression algorithms and tested the score of the model.

PAYMENT TYPE PROCESSING:

According to data dictionary provided to detail each of the columns, Payment type is a numeric code signifying how the passenger paid for the trip.

1= Online payment

2= Cash

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TRIP DURATION CREATION AND PROCESSING:

In this task, I will create a new feature called trip duration which will be calculated from the difference between the drop off time and the pickup time and I express the value in minutes unit as shown below: