Project Description

This project focus on the predict the fare amount for a cab ride, given the pickup, drop off locations, the date time of the pickup and the passenger count The aim of this project is to build mathematical models to predict cab fare.

Prerequisites

In Python, make sure in your environment below packages are installed.
numpy, pandas, matplotlib, seaborn, sklearn and statsmodels

In R, make sure below packages are installed:
ggplot2, geosphere, xgboost, caret, randomForest, Matrix, scales, dplyr, lares and ggcorrplot

Files Detail

- train.csv contain training dataset
- test.csv contain testing dataset
- python_fare_prediction.py contain implementation in Python
- r_fare_prediction.R contain implementation in R
- project_report.pdf contain Process and analysis done during this project

Note: make sure to change path as per file location