

Instructions to deploy R code

1. Open command prompt.
2. If Rscript is added in PATH environment variable, then

Rscript CabFarePrediction.R path\to\train_cab.csv path\to\test.csv

Here, train_cab.csv and test.csv files are mandatory. Without these arguments code will not run.

3. If Rscript is not in PATH variable, then path till Rscript should be provided like below,

path\to\bin\Rscript CabFarePrediction.R path\to\train_cab.csv path\to\test.csv

After running code, predictions of GBM and XGBoost model and plots will be generated in the same directory where code is executed. Names of prediction files are “***gbm_predictions_R.csv***” and “***xgb_predictions_R.csv***”

Note: This code will accept only csv file format.

Instructions to deploy Python code

1. Open command prompt
2. Install required packages if not installed using

pip install package_name

required packages to be installed are: numpy, pandas, datetime, fancyimpute, seaborn, matplotlib, statsmodel, sklearn

3. After installing required packages, run below command

python CabFarePrediction.py path\to\train_cab.csv path\to\test.csv

Here, train_cab.csv and test.csv files are mandatory. Without these arguments code will not run.

After running code, predictions of GBM and XGBoost model and plots will be generated in the same directory where code is executed. Names of prediction files are “***predictions_gbm.csv***” and “***predictions_xgboost.csv***”

Note: This code will accept only csv file format.