Shahjalal University of Science and Technology
Department of Computer Science and Engineering

Machine Learning Lab Report

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1.Apartment Price Prediction

2.Fake News Detection

Apartment Price Prediction

Dataset:

Total Apartments information: 21614

21 different values (columns)

Classifier used :

1.Linear Regression

2.Gradiant boosting regressor

Result:

Accuracy of Linear Regression : 64%

Accuracy of gradient boosting : 79%

Fake News Prediction

Dataset:

Number of datas: 7796
each data has 4 values

Preprocessing:

We processed the datas using stemming approach
Then we applied Tf-IDF

Classifier used :

Random Forest Classifier

Native Bayes Classifier

SVM classifier

Result:

Accuracy of Random Forest Classifier: 87.10%

Accuracy of Native Bayes Classifier: 85.20%

Accuracy of SVM classifier: 81.49%