Model Development Phase Template

Date	07 July 2024
Team ID	team-739715
Project Title	House Rent Price Prediction Using Machine Learning
Maximum Marks	4 Marks

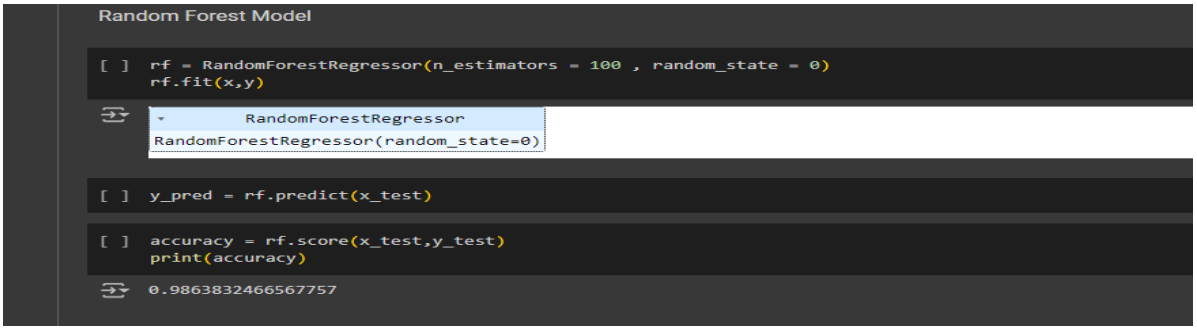
Initial Model Training Code, Model Validation and Evaluation Report

The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include classification reports, accuracy, and confusion matrices for multiple models, presented through respective screenshots.

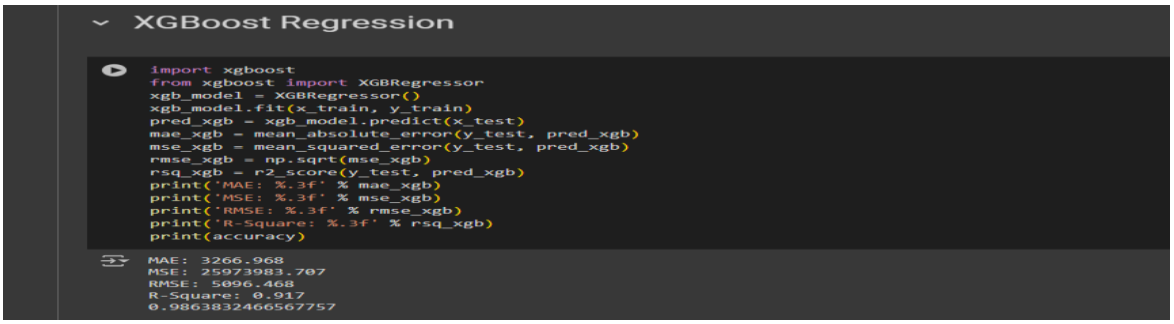
Initial Model Training Code:

Linear Regression Model

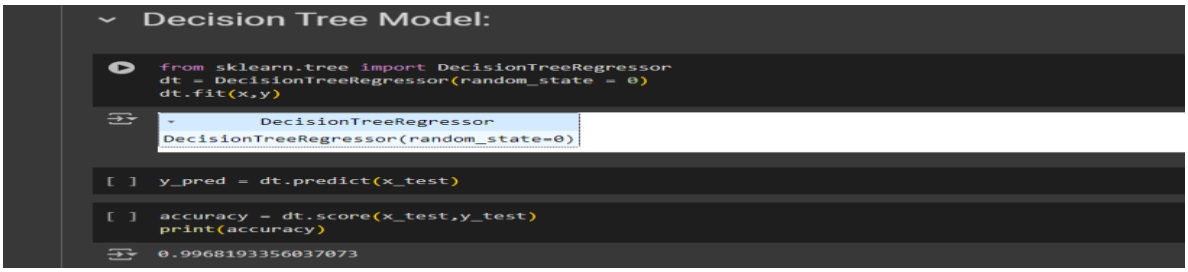
Random Forest Model



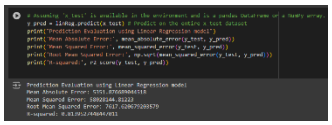
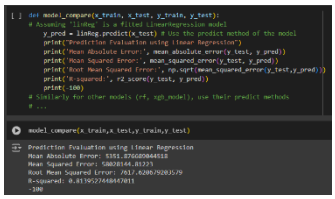
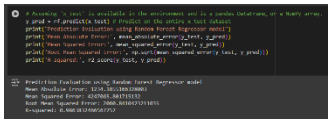
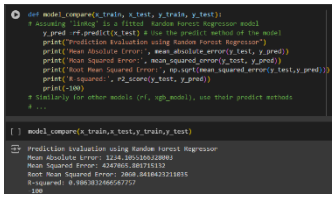
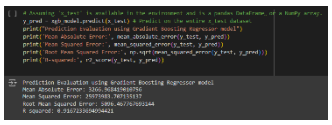
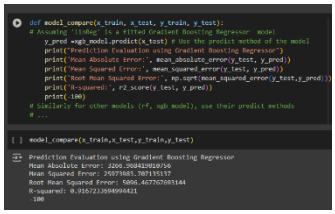
XGBoost Regression Model

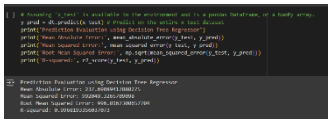


Decision Tree Model



Model Validation and Evaluation Report:

Model	Regression Report	Accuracy	Regression Matrix
Linear Regression		81.3%	
Random Forest Regressor		98.6%	
XGBoost Regression		91.6%	

Decision Tree		99.6%