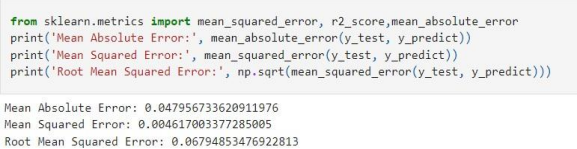
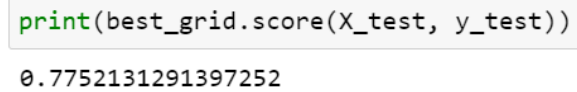


Project Development Phase Model Performance Test

Date	17 November 2022
Team ID	PNT2022TMID12485
Project Name	Project – University Admit Eligibility Predictor
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Metrics	Regression Model: MAE – 0.047956733620911976, MSE – 0.004617003377285005, RMSE – 0.06794853476922813	 <pre> from sklearn.metrics import mean_squared_error, r2_score, mean_absolute_error print('Mean Absolute Error:', mean_absolute_error(y_test, y_predict)) print('Mean Squared Error:', mean_squared_error(y_test, y_predict)) print('Root Mean Squared Error:', np.sqrt(mean_squared_error(y_test, y_predict))) </pre> <p>Mean Absolute Error: 0.047956733620911976 Mean Squared Error: 0.004617003377285005 Root Mean Squared Error: 0.06794853476922813</p>
2.	Tune the Model	Hyperparameter Tuning – Cross Validation Validation Method – GridSearchCV method	 <pre> print(best_grid.score(X_test, y_test)) </pre> <p>0.7752131291397252</p>