Project Development Phase
Model Performance Test

Date	19 November 2022
Team ID	IBM-Project-42692-1660705650
Project Name	Project - UNIVERSITY ADMIT ELIGIBILITY PREDICTOR
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Metrics	**Regression Model:** MAE - , MSE - , RMSE - , R2 score - **Classification Model:** Confusion Matrix - ,Accuray Score& Classification Report -	Mean Absolute Error : 0.042722654277053705 Mean Squared Error : 0.003704655398788414 Root Mean Squared Error : 0.06086588041578314 R2 Score : 0.8188432567829627
2.	Comparing R2 scores for different regression models	Multiple Linear Regression, Decision Tree Regression, Random Forest Regression	Mutiple Linear Regression's Score = 0.819 Decision Tree Regression's Score = 0.588 Random Forest Regression's Score = 0.787