

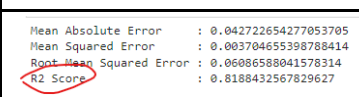

# Project Development Phase

## Model Performance Test

Date	19 November 2022
Team ID	<a href="#">IBM-Project-42692-1660705650</a>
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	<b>Regression Model:</b> MAE - , MSE - , RMSE - , R2 score -  <b>Classification Model:</b> Confusion Matrix - ,Accuray Score& Classification Report -	 <pre> Mean Absolute Error      : 0.042722654277053705 Mean Squared Error       : 0.003704655398788414 Root Mean Squared Error  : 0.06086588041578314 R2 Score                  : 0.8188432567829627 </pre>
2.	Comparing R2 scores for different regression models	Multiple Linear Regression, Decision Tree Regression, Random Forest Regression	 <pre> Mutiple Linear Regression's Score = 0.819 Decision Tree Regression's Score = 0.588 Random Forest Regression's Score = 0.787 </pre>