

## Project Development Phase Model Performance Test

Team ID	PNT2022TMID07067
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>