

Project Development

Phase Model

Performance Test

Date	19 November 2022
Team ID	PNT2022TMID31349
Project Name	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	<p>Regression Model: MAE - 0.04555 MSE - 0.00426 RMSE – 0.06527 , R2 score – 0.71683</p> <p>Classification Model: Confusion Matrix - Accuracy Score -0.82 Classification Report -</p>	<p>Mean Squared Error (MSE)</p> <pre>from sklearn.metrics import mean_squared_error, r2_score mse = mean_squared_error(pred_test,y_test)</pre> <p>[25] mse</p> <p>0.004260810050671112</p> <p>Root Mean Squared Error (RMSE)</p> <pre>[26] rmse = np.sqrt(mse)</pre> <p>[27] rmse</p> <p>0.06527488070208257</p> <p>R2 Score</p> <pre>[28] r2_score(pred_test, y_test)</pre> <p>0.716831867909245</p> <p>Mean Absolute Error (MAE)</p> <pre>[29] from sklearn.metrics import mean_absolute_error mean_absolute_error(pred_test, y_test)</pre> <p>0.04555243196630539</p> 

