Project Development Phase Model Performance Test

Date	10 November 2022	
Team ID	PNT2022TMID21972	
Project Name	Project – Efficient Water Quality Analysis and Prediction using Machine Learning	
Maximum Marks	10 Marks	

Model Performance Testing:

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

S.No.	<u>Parameter</u>	Values	Screenshot
1.	Metrics	Regression Model: MAE - , MSE - , RMSE - , R2 score -	Model Evaluation
			<pre>In [37]: from sklearn import metrics print('MAE:',metrics.mean_absolute_error(y_test,y_pred)) print('MSE:',metrics.mean_squared_error(y_test,y_pred)) print('RMSE:',np.sqrt(metrics.mean_squared_error(y_test,y_pred)))</pre>
			MAE: 0.4550025062656734 MSE: 2.5859671077694255 RMSE: 1.6080942471663238
			<pre>In [38]: metrics.r2_score(y_test, y_pred)</pre>
			Out[38]: 0.9759652869193766

