Project Development Phase Model Performance Test

Date	10 November 2022	
Team ID	PNT2022TMID52978	
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.	Parameter	Values	Screenshot
1.	Metrics	Regression Model: MAE - , MSE - , RMSE - , R2 score -	Mae: 0.8357609022556697 Mse: 4.872978975939852 Rmse: 0.914199596508153 0.9734373994078458
2.	Tune the Model	Hyperparameter Tuning -	Tuning the Regression model was done using 100 estimators with 24 random states.