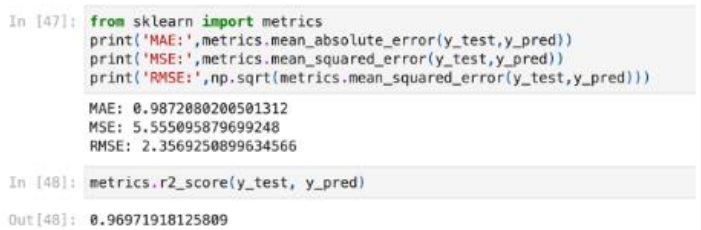
Project Development Phase

Define the Problem Statements

Team ID	PNT2022TMID18283
Project Name	Efficient Water Quality Analysis & Prediction using Machine Learning

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Metrics	**Random Forest Model:** MAE : 0.987 MSE : 5.55 RMSE : 2.35 R2 score: 0.96	
2.	Tune the Model	Hyperparameter Tuning – n_estimators = 10,