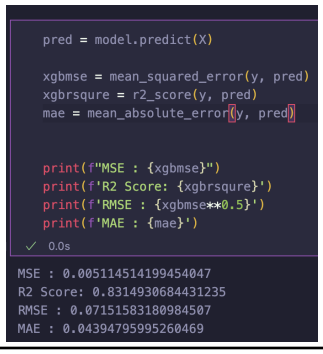
Project Development Phase
Model Performance Test

Date	9 November 2023
Team ID	Team-591658
Project Name	Machine Learning approach for Employee Performance Prediction
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:** MSE : 0.005114514199454047 R2 Score: 0.8314930684431235 RMSE : 0.07151583180984507 MAE : 0.04394795995260469	
2.	Tune the Model	Hyperparameter Tuning - objective ='reg:pseudohubererror', n_estimators = 10, max_depth=6, booster='gbtree', learning_rate=0.55649, min_child_weight= 1, importance_type='gain', colsample_bytree = 1, base_score=0.51 Validation Method - train_test_split