Project Development Phase
Model Performance Test

Date	10 NOvember 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
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 - 2.5, MSE - 6.4, RMSE - 2.53, R^2 score - 0.87 **Classification Model:** Confusion Matrix - [[50, 5], [3, 42]], Accuracy Score - 0.92, Precision - 0.89, Recall - 0.93, F1-score - 0.91	
2.	Tune the Model	Hyperparameter Tuning - Grid Search with parameters: n_neighbors (5, 10, 15), weights ('uniform', 'distance' Validation Method - 5-Fold Cross-Validation	