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** R Squared = 0.8396847388211943 MAE = 1615.420354114289 MSE = 11204674.310407598 RMSE = 3347.3383919776616	See below

```
In [39]: from sklearn.metrics import mean_absolute_error
         from sklearn.metrics import mean_squared_error
         print ('R Squared =',r2_score(Y_test, y_pred))
         print ('MAE =',mean_absolute_error(Y_test, y_pred))
         print ('MSE =',mean_squared_error(Y_test, y_pred))
         print('RMSE =', mean_squared_error(Y_test, y_pred, squared=False))

         R Squared = 0.8396847388211943
         MAE = 1615.420354114289
         MSE = 11204674.310407598
         RMSE = 3347.3383919776616
```