## Project Development Phase Model Performance Test

Date	10 November 2022	
Team ID	PNT2022TMID08854	
Project Name	e Project – DemandEst-AI Powered Food Demand Forecaster	
Maximum Marks	10 Marks	

## **Model Performance Testing:**

S.No.	Parameter	Values	Screenshot
1.	Metrics	Regression Model: MAE 89.10334778841495, MSE - 43129.82977026746, RMSLE -207.67722496765856, R2 score -0.6946496854280233,	Evaluating the model  In [33]: from sklearn.metrics import mean_squared_error  In [34]: RMLSE=np.sqrt(mean_squared_error(y_test,pred)) RMLSE Out[34]: 209.71961740201198  In [39]: from sklearn import metrics from sklearn.metrics import mean_absolute_error  In [40]: MSE=print(metrics.mean_squared_error(y_test,pred)) MSE 43982.31792324628  In [41]: R2S=print(metrics.r2_score(y_test,pred)) R2S 0.6886142448276894  In [42]: MAE=print(mean_absolute_error(y_test,pred)) 89.10334778841495

