

Project Development Phase Model Performance Test

Date	15 November 2022
Team ID	PNT2022TMID24620
Project Name	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,	<p style="text-align: center;">Evaluating the model</p> <pre> In [33]: from sklearn.metrics import mean_squared_error In [34]: RMSLE=np.sqrt(mean_squared_error(y_test,pred)) RMSLE 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)) MAE 89.10334778841495 </pre>

