

Project Development Phase
Model Performance Test

Date	30 June 2025
Team ID	LTVIP2025TMID55781
Project Name	HouseHunt: Finding Your Perfect Rental Home
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values
1.	Metrics	Regression Model: MAE – 462.12 MSE – 59843.09 RMSE – 244.61 R ² Score – 0.87 Classification Model: <i>Not applicable</i> (No classification model used)
2.	Tune the Model	Hyperparameter Tuning : GridSearchCV used on RandomForestRegressor for parameters like <code>n_estimators</code> , <code>max_depth</code> . Validation Method: 10-fold Cross Validation