

KEY POINTS IN HOUSE PRICE PREDICTION PROJECT:

1.Initially used “Bengalore house data” dataset ,after EDA converted into a new refined dataset called “Cleaned data”.

2.During EDA, some location whose count is less than 10 in initial dataset converted into category “others” for better prediction of model.

3. While training the models i have used 3 regression techniques:

1. Linear regression - basic it overfit the value when a lot of features are available.
2. Lasso- It is the combination of linear regression and L1 regularization .
3. Ridge - This model is the combination of linear regression and L2 regularization.

4. Comparing accuracy of models:

Linear regression: 82.337 %

Lasso: 81.282 %

Ridge: 82.314 %