Goal: The goal is to create a Machine Learning model that can forecast the price of a specific house based on market pricing while taking various "features" into account.

How cost of the house will be decided?

Data has information on the price of a house based on certain features.

The cost or current market value of a home is divided by the floor area of the home to get the average price per square foot.

Information about the data:

- Data has 9 columns and 13320 rows.
- Calculated counts of each entry from the respective feature.
- Calculated count of unique entries from the features.
- Missing Values are replaced

Visualization of Numerical Features:

- Plotted distribution of continuous features.

Data Pre-processing:

- Removed outliers & unnecessary columns.
- Data Encoded.

Splitting of Data:

Data is split with a test size of 80%.

Building of Repressors:

1) Developed MLR using train_test_split() method.
2) Developed MLR using ShuffleSplit & cross_val_score method
3) Developed Lasso and decision tree repressor using GridSearchCV method.

Exported Model:

Exported model by using pickle method