

Goal: Regression Analysis for Predicting Boston House Prices.

How house price 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 14 columns and 506 rows.
- Calculated counts of each entry from the respective feature.
- Calculated count of unique entries from the features.

Visualization of Numerical Features:

- Plotted correlation matrix.

Data Pre-processing:

- Removed unnecessary columns.

Splitting of Data:

Data is split with a test size of 20%.

Building of Regression Model:

XGboost algorithm is implemented