**Goal: Build regression Models for calculating the count of rented bikes based on certain parameters given.**

**How count of the rental bike 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 8767 rows.
- Calculated counts of each entry from the respective feature.
- Calculated count of unique entries from the features.
- Missing Values are replaced.

**Visualization of categorical Features:**

- Plotted distribution of categorical features.

**Visualization of Numerical Features:**

- Plotted distribution of continuous features.
- Plotted correlation matrix.

**Data Pre-processing:**

- Removed outliers & unnecessary columns.
- Data Encoded.
- Data is normalized.

**Splitting of Data:**

Data is split with a test size of 75%.

**Building of Regression Models:**

Various regression models are built.