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	ASSIGNMENT - 3

Task	Perform the three types of Visualization

Problem Statement:-

Tasks:-

1. Download the dataset: Dataset
2. Load the dataset.
3. Perform the Below Visualizations.
   - Univariate Analysis
   - Bi - Variate Analysis
   - Multi-Variate Analysis
4. Perform descriptive statistics on the dataset.
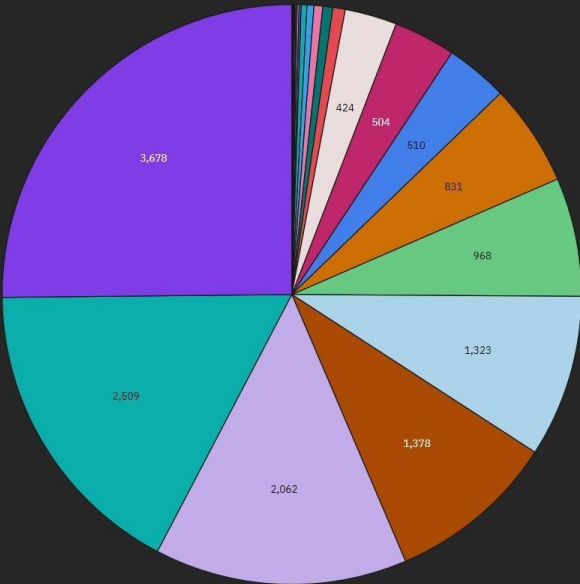5. Handle the Missing values.

Univariate Analysis

Number of Bathroom

● 6.5 ● 7.75 ● 7.5 ● 6.25 ● 6.75 ● 5.75 ● 8 ● 6 ● 0.5 ● 1.25 ● 5.5 ● 5.25 ● 5
● 4.75 ● 0.75 ● 4.25 ● 4.5 ● 4 ● 3.75 ● 3.25 ● 3.5 ● 3 ● 2.75 ● 1.5 ● 2 ● 2.25
● 1.75 ● 1 ● 2.5

Number of Bedroom

● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ● 10 ● 11 ● 33
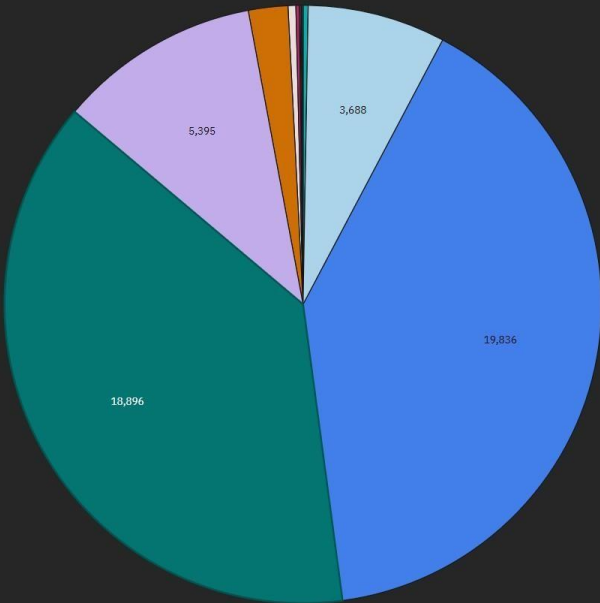
Number Of Visits

number of views (Count)

Grade of House

grade of the house (Count)

Bi-variate Analysis

Floor to Bedroom Ratio

Floor to Bathroom Ratio

Distance from the airport

Number of schools nearby
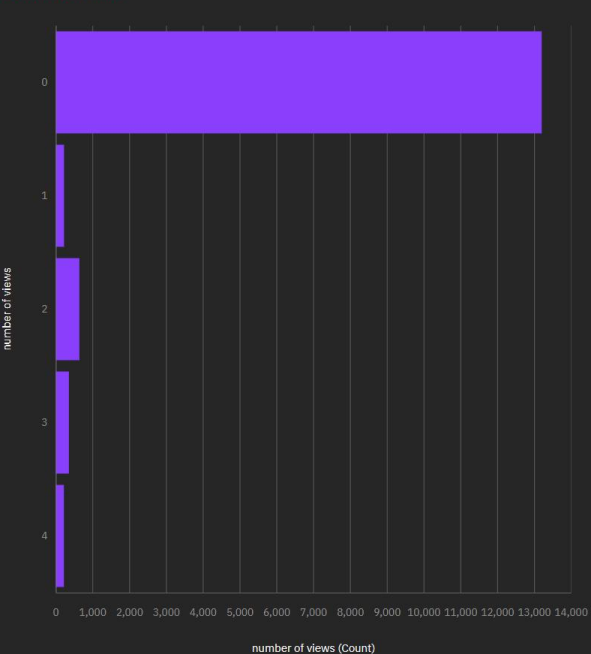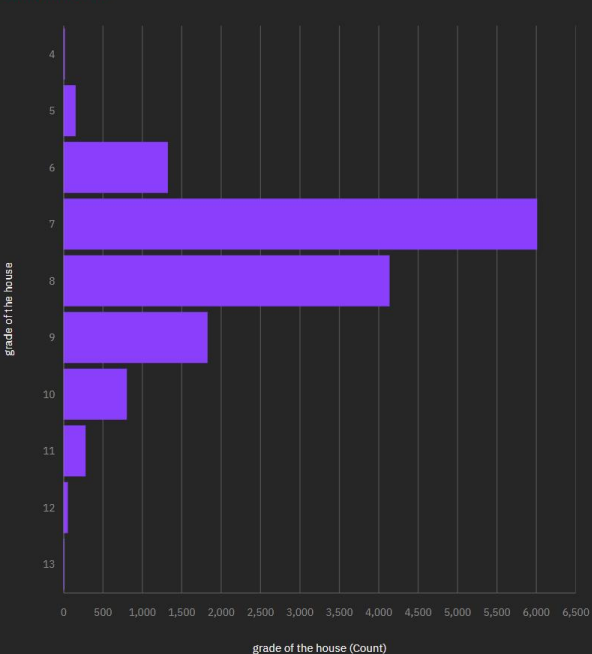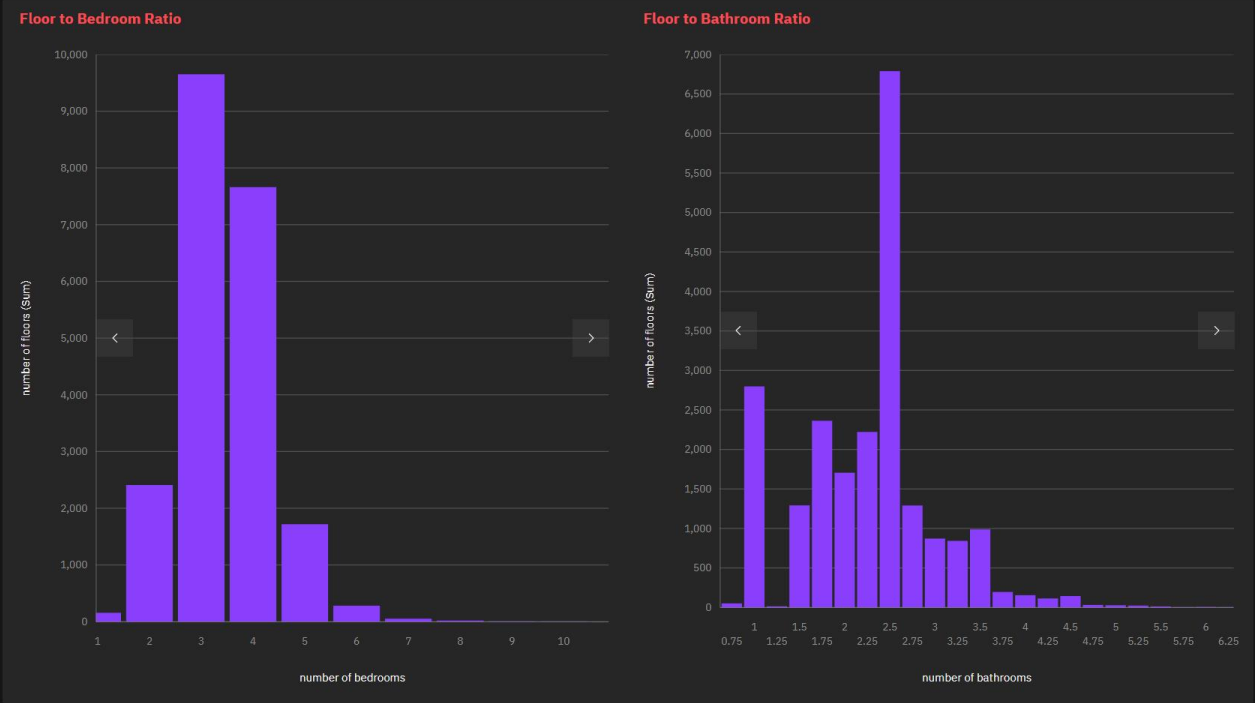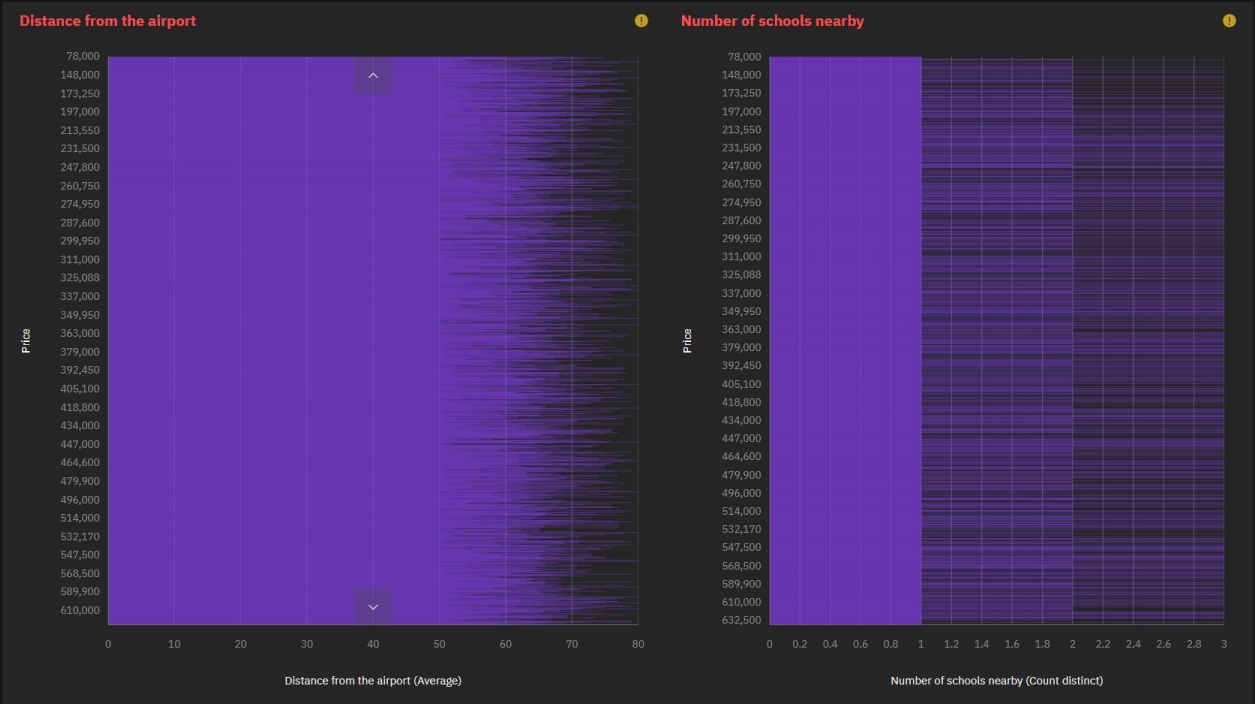
Multi variate Analysis

Price Difference Due to Bathrooms and Bedrooms
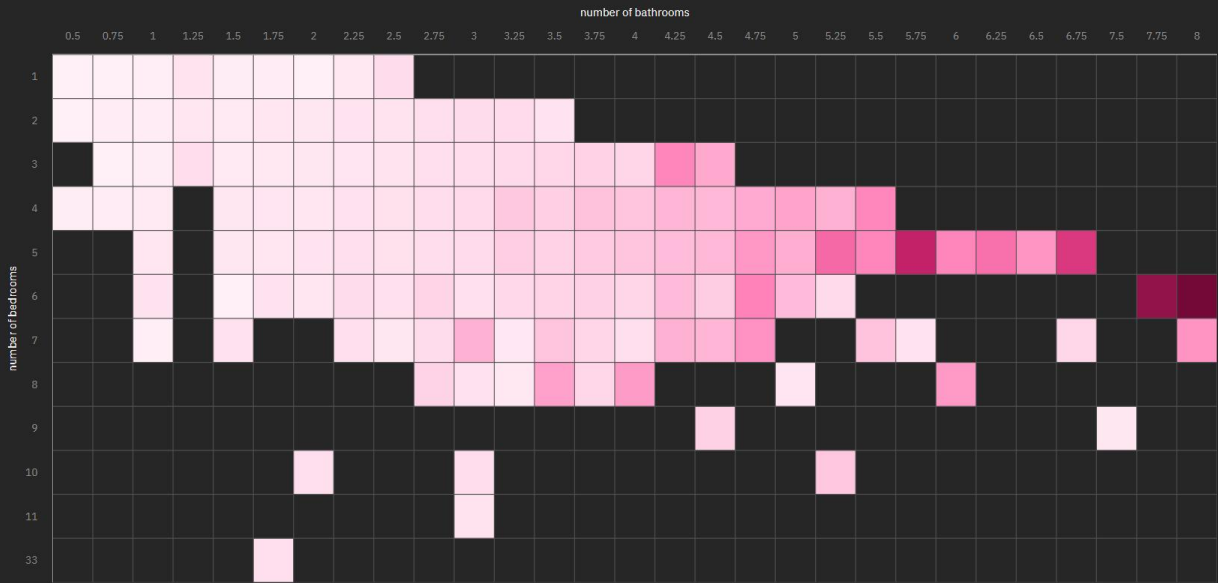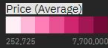
Price Difference
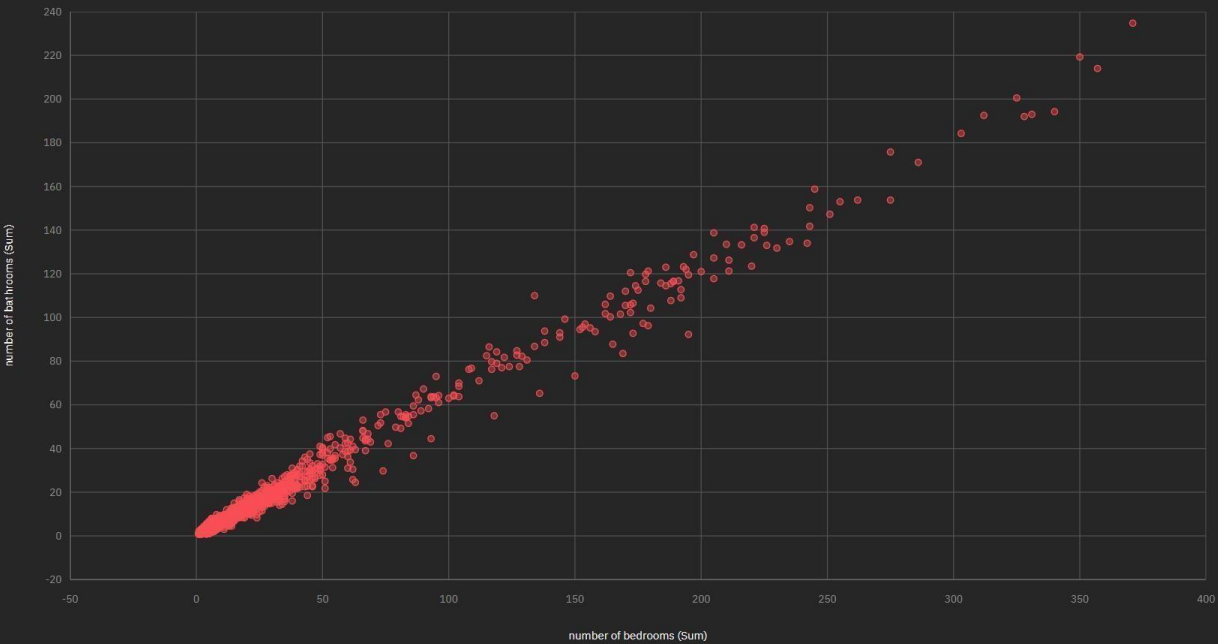
Perform descriptive statistics on the dataset

Mean		538932.2183
Standard Error		3039.638394
Median		450000
Mode		450000
Standard Deviation		367532.3808
Sample Variance		1.3508E+11
Kurtosis		40.32191815
Skewness		4.269297721
Range		7622000
Minimum		78000
Maximum		7700000
Sum		7879189032
Count		14620
		0

Handle the Missing values

No Missing values in the Data set.