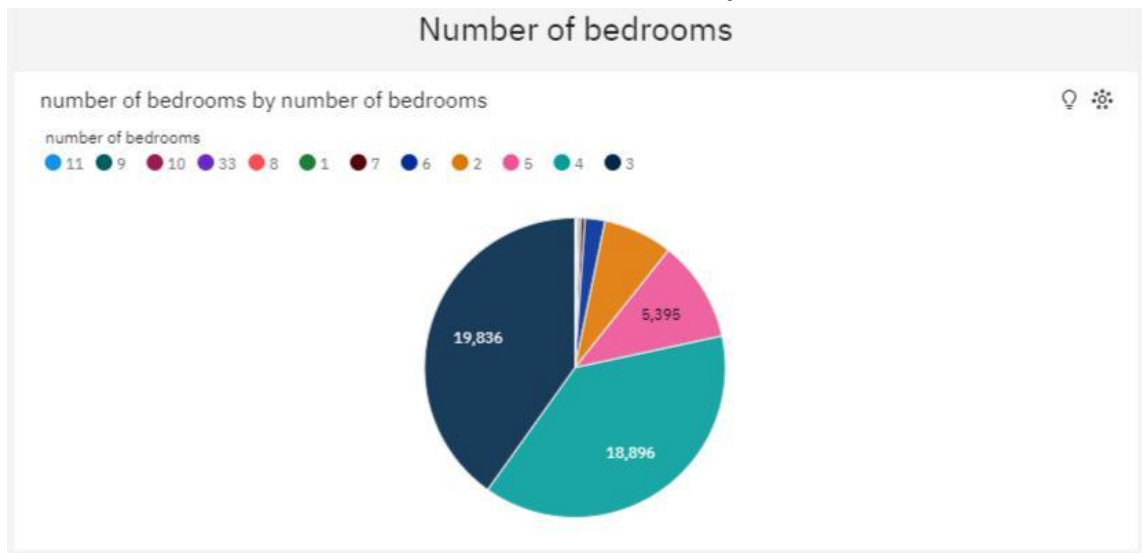


NAME	SATHISH KUMAR S
REGISTER NUMBER	812620243020
NM ID	33B581F97C870309E484875E9CA52E7F
ASSIGNMENT - 3	

Tasks	<ol style="list-style-type: none"> 1.Download the dataset: Dataset 2.Load the dataset. 3.Perform the Below Visualizations. <ul style="list-style-type: none"> • Univariate Analysis • Bi - Variate Analysis • Multivariate Analysis 4.Perform descriptive statistics on the dataset. 5.Handle the Missing values.
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1. Download the dataset.
2. Load the dataset.
3. Perform the Below Visualizations.

Univariate Analysis



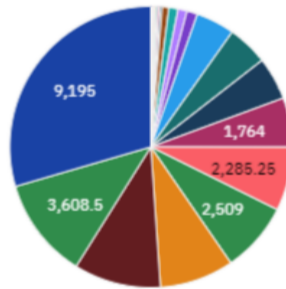
Number of bathrooms

number of bathrooms by number of bathrooms



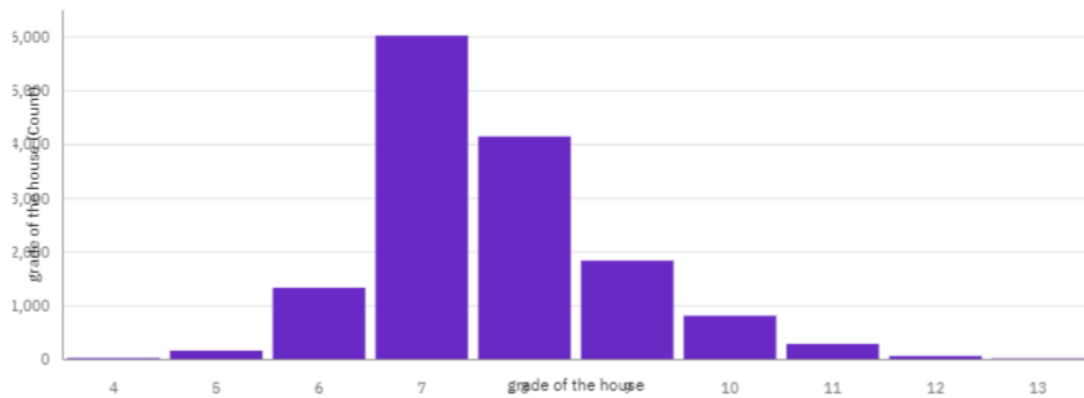
number of bathrooms

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



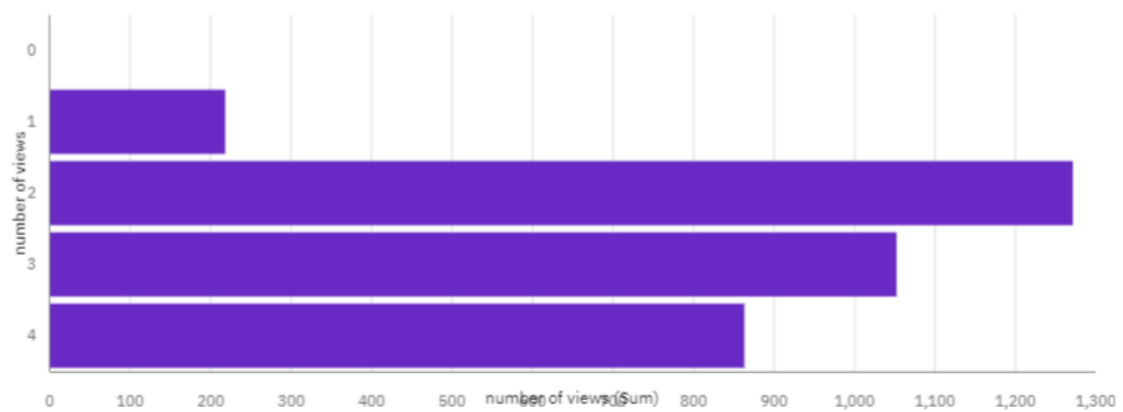
Grade of the house

grade of the house by grade of the house

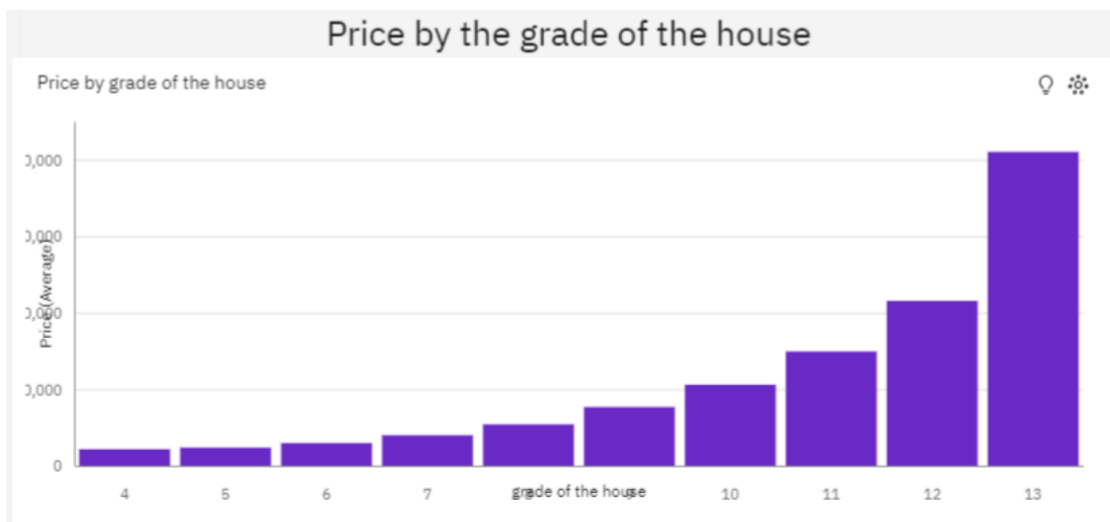
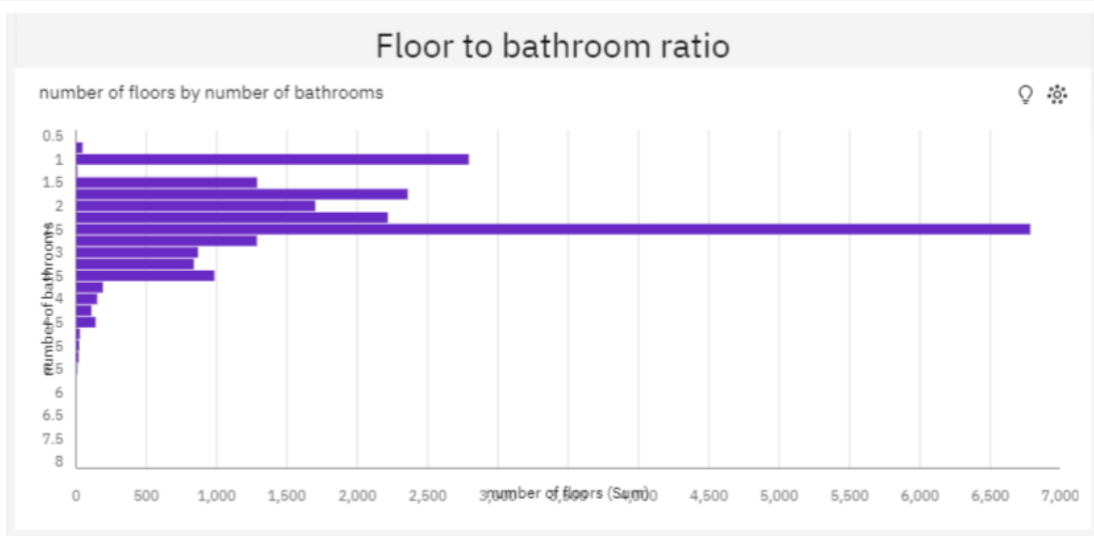
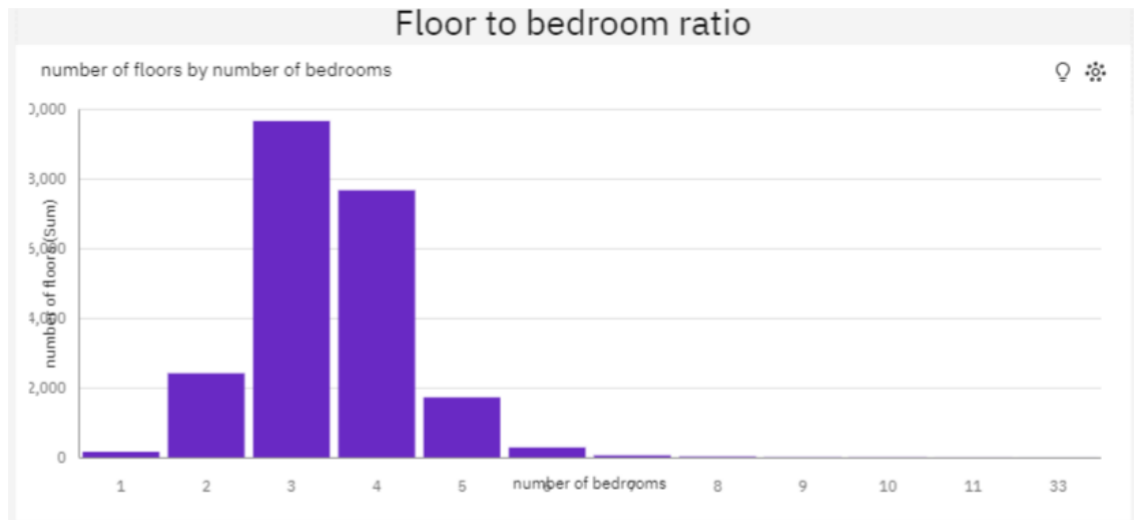


Number of views

number of views by number of views



Bi - Variate Analysis



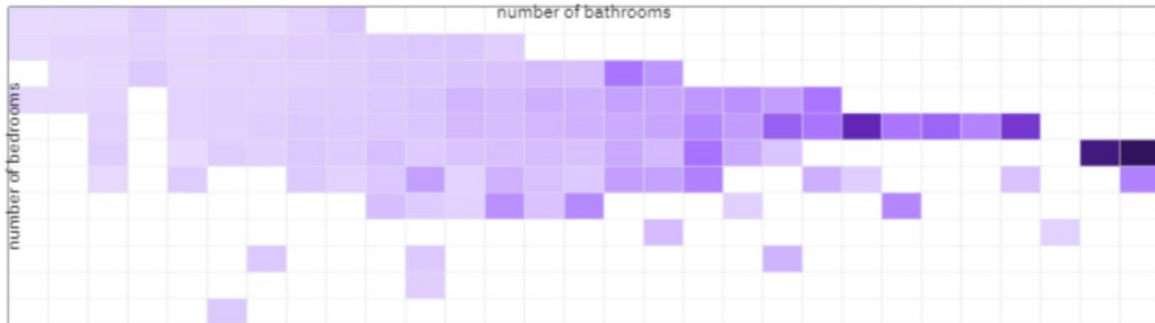
Multivariate Analysis

Price difference due to number of bedrooms and bathrooms

Price by number of bedrooms and number of bathrooms

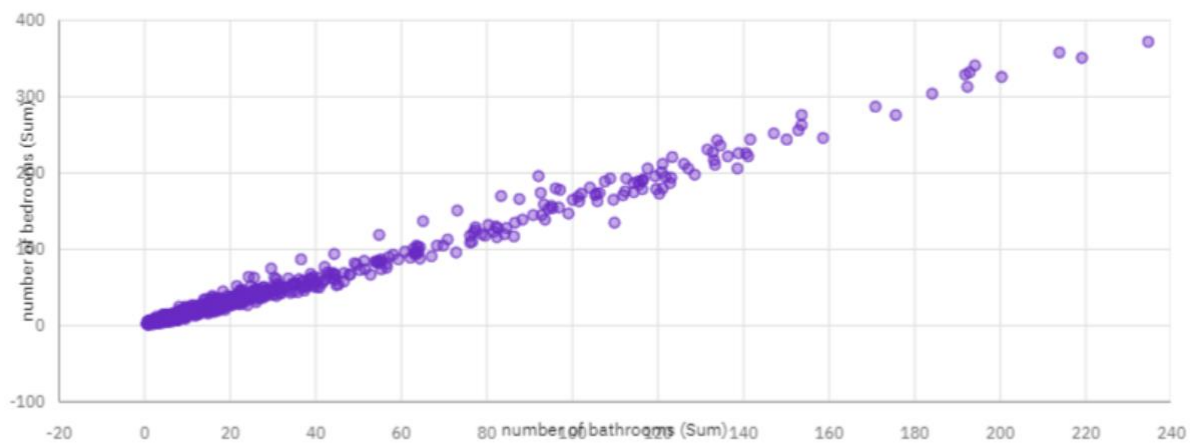


Price (Average)



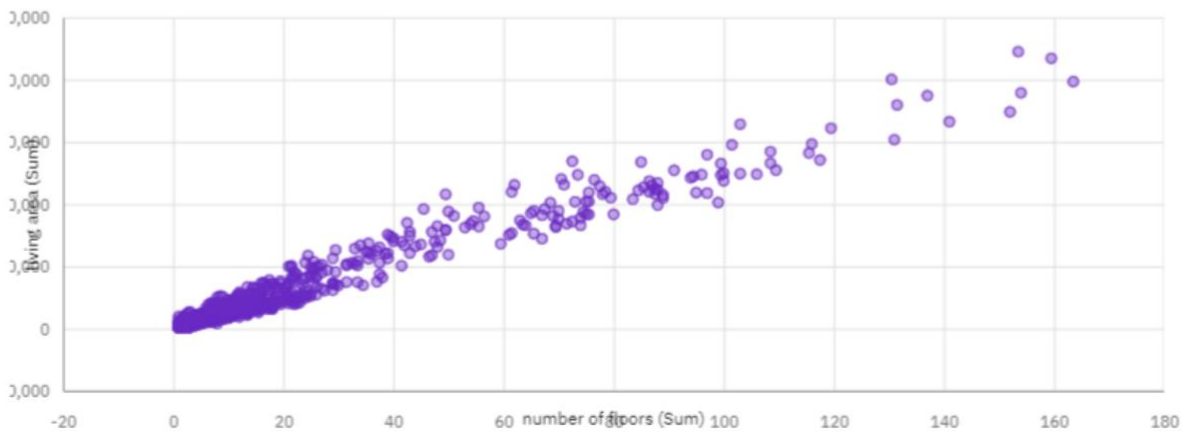
Price difference based on number of bedrooms and bathrooms

number of bathrooms by number of bedrooms with points for Price



Price difference based on number of floors and living area

number of floors by living area with points for Price



4. Perform descriptive statistics on the dataset.

Number of Bedrooms	49,406
Number of Bathrooms	31,134.5
Number of floors	21,964.5
Number of visits/views	3,408
Number of schools nearby	29,419
Average Distance from the airport	64.95095759
Average price	538,932.21833105
Mode price	450000
Median of price	450000
Standard Deviation	367532.3808
Range	7622000
Sum of prices	7879189032
Count	14620
Minimum price	78000
Maximum price	7700000

5. Handle the Missing values.

No missing values in the dataset.