

<b>NAME</b>	<b>CAROLINE SUSANNA S</b>
<b>REG NO</b>	<b>311520104013</b>
<b>CLASS</b>	<b>B.E - CSE</b>
<b>EMAIL ID</b>	<b>carolsankho@gmail.com</b>
	<b>ASSIGNMENT - 3</b>

<b>Task</b>	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

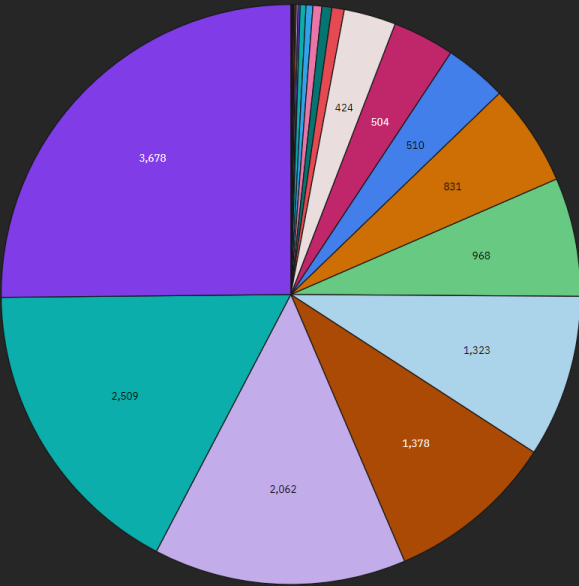
Edit

100% Analytics Filters

Tab 1 Tab 2 Tab 3 Tab 5 Tab 4 Tab 6

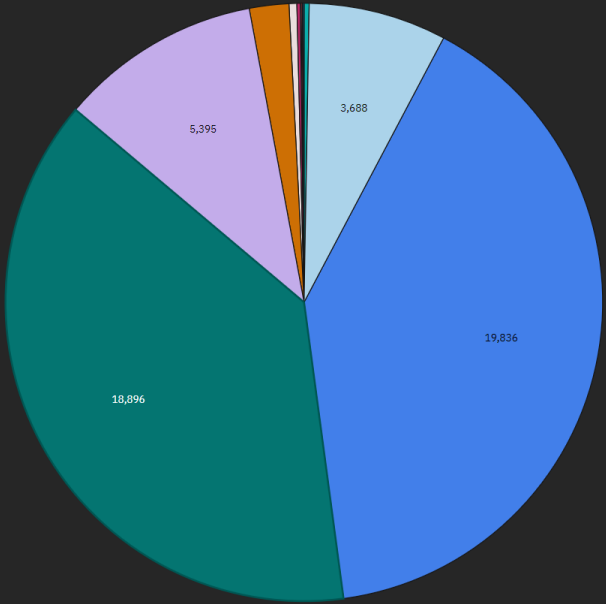
Number of Bathroom

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

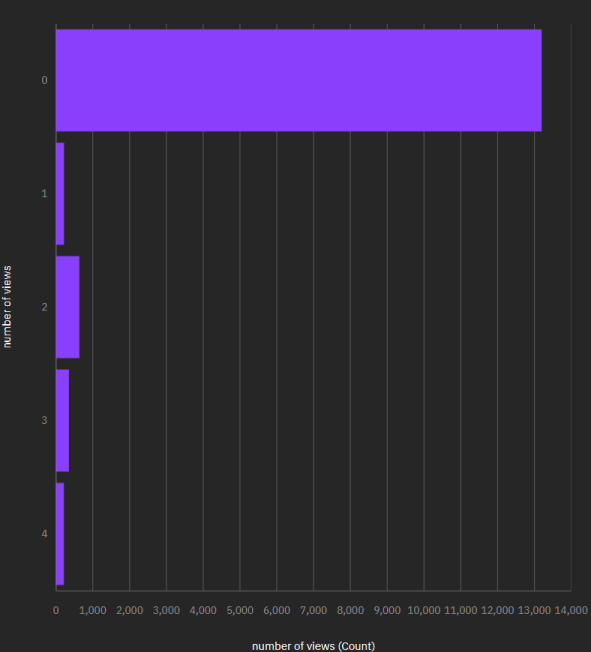


Edit

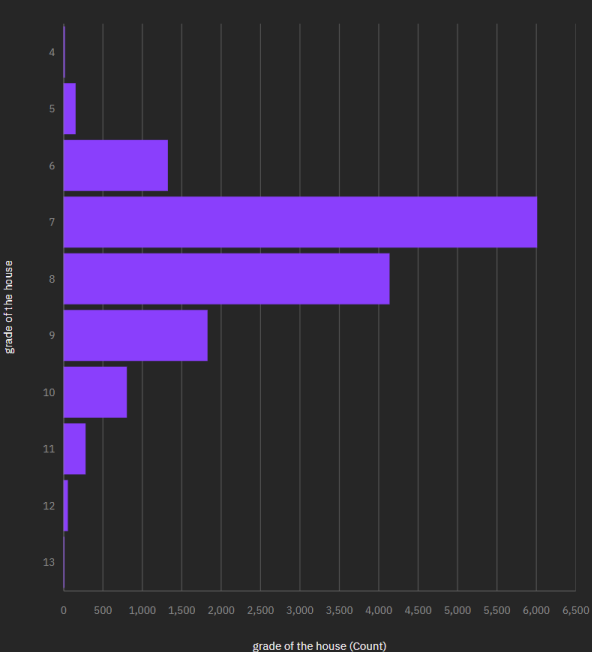
100% Analytics Filters

Tab 1 Tab 2 Tab 3 Tab 5 Tab 4 Tab 6

Number Of Visits



Grade of House

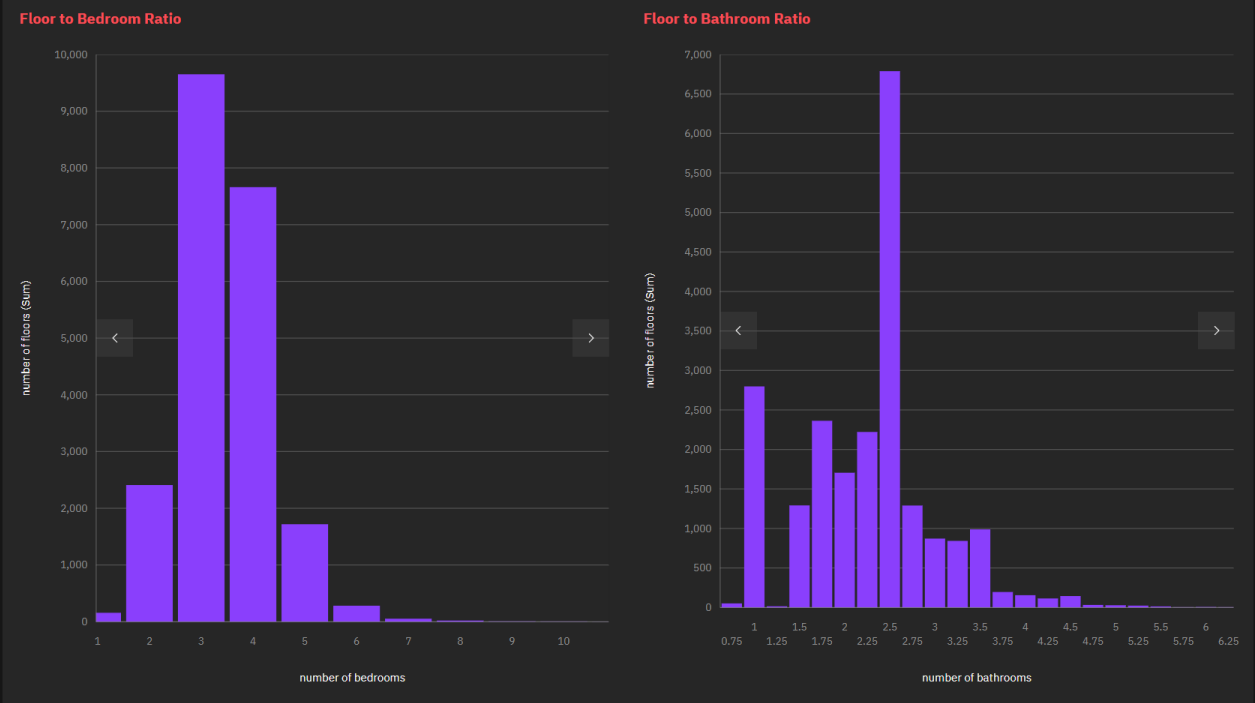


# Bi-variate Analysis

☐ Edit ☐ ☐ ☐ ☐ ☐ ☐

100% ☐ Analytics ☐ Filters ☐

Tab 1 Tab 2 **Tab 3** Tab 5 Tab 4 Tab 6



☐ Edit ☐ ☐ ☐ ☐ ☐ ☐

100% ☐ Analytics ☐ Filters ☐

Tab 1 Tab 2 Tab 3 **Tab 5** Tab 4 Tab 6



# Multi variate Analysis

Edit

100% Analytics Filters

Tab 1 Tab 2 Tab 3 Tab 5 Tab 4 Tab 6

Price Difference Due to Bathrooms and Bedrooms

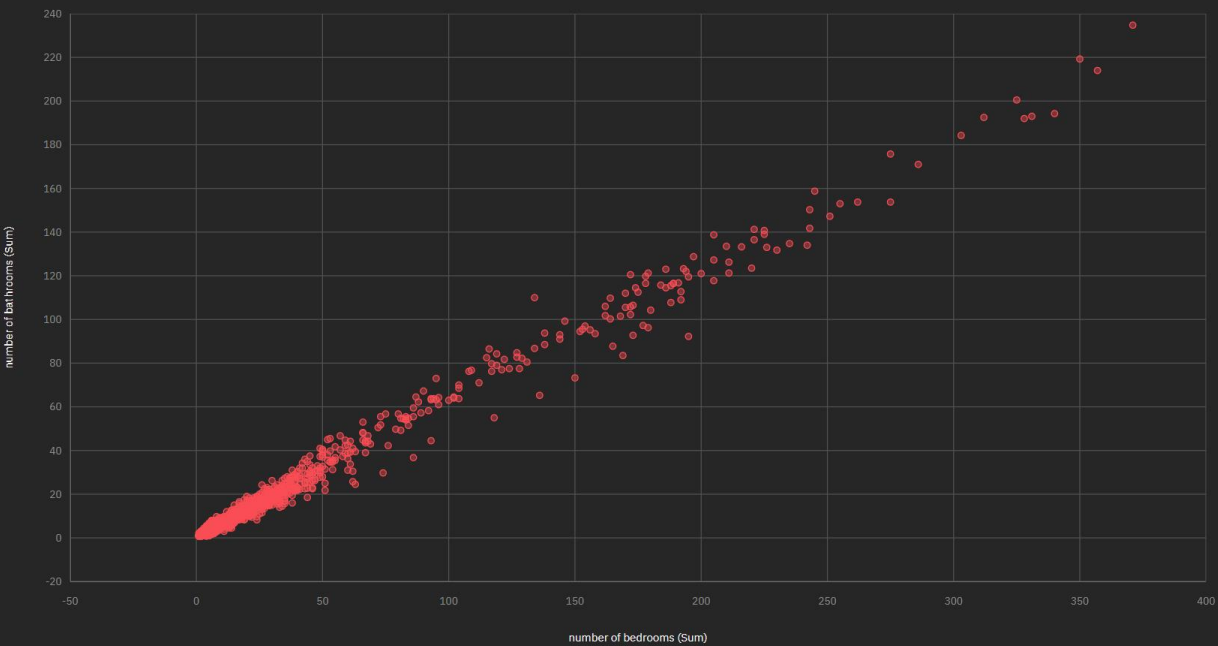


Edit

100% Analytics Filters

Tab 1 Tab 2 Tab 3 Tab 5 Tab 4 Tab 6

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.**