DA ASSIGNMENT – 3

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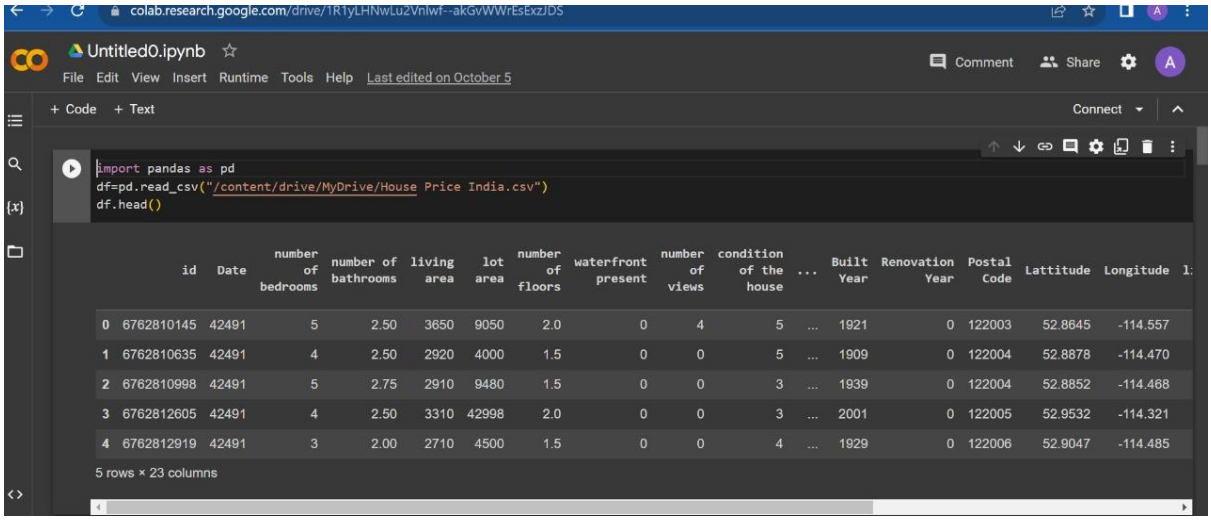
Load the dataset :



Untitled0.ipynb

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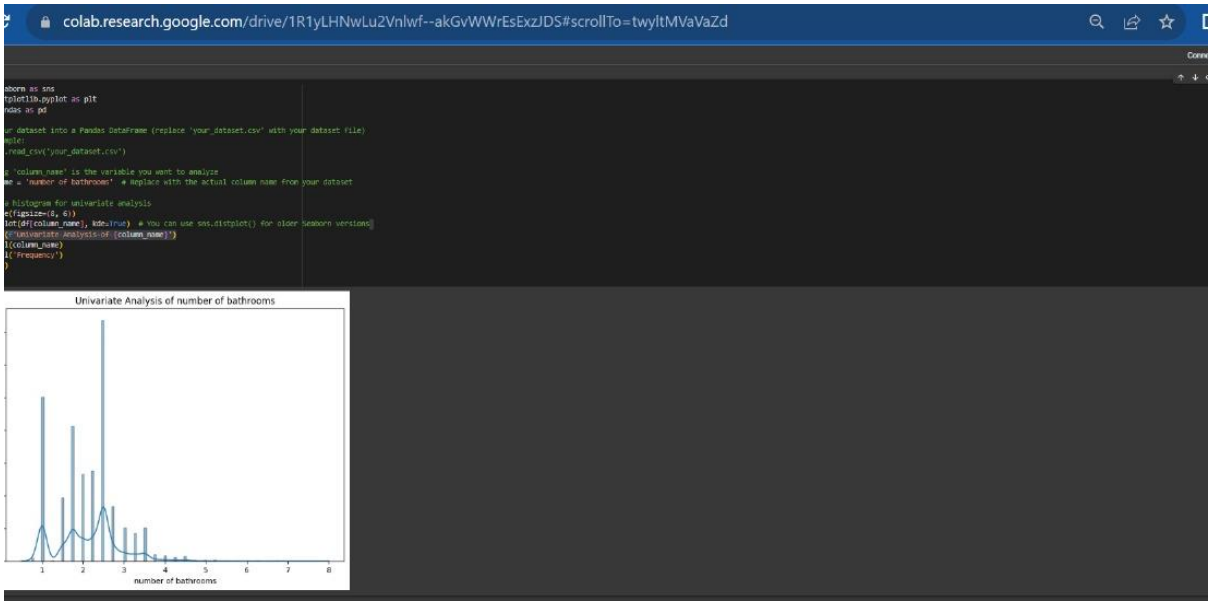
```
import pandas as pd
df=pd.read_csv("/content/drive/MyDrive/House Price India.csv")
df.head()
```

	id	Date	number of bedrooms	number of bathrooms	living area	lot area	number of floors	waterfront present	number of views	condition of the house	...	Built Year	Renovation Year	Postal Code	Lattitude	Longitude	1
0	6762810145	42491	5	2.50	3650	9050	2.0	0	4	5	...	1921	0	122003	52.8645	-114.557	
1	6762810635	42491	4	2.50	2920	4000	1.5	0	0	5	...	1909	0	122004	52.8878	-114.470	
2	6762810998	42491	5	2.75	2910	9480	1.5	0	0	3	...	1939	0	122004	52.8852	-114.468	
3	6762812605	42491	4	2.50	3310	42998	2.0	0	0	3	...	2001	0	122005	52.9532	-114.321	
4	6762812919	42491	3	2.00	2710	4500	1.5	0	0	4	...	1929	0	122006	52.9047	-114.485	

5 rows × 23 columns

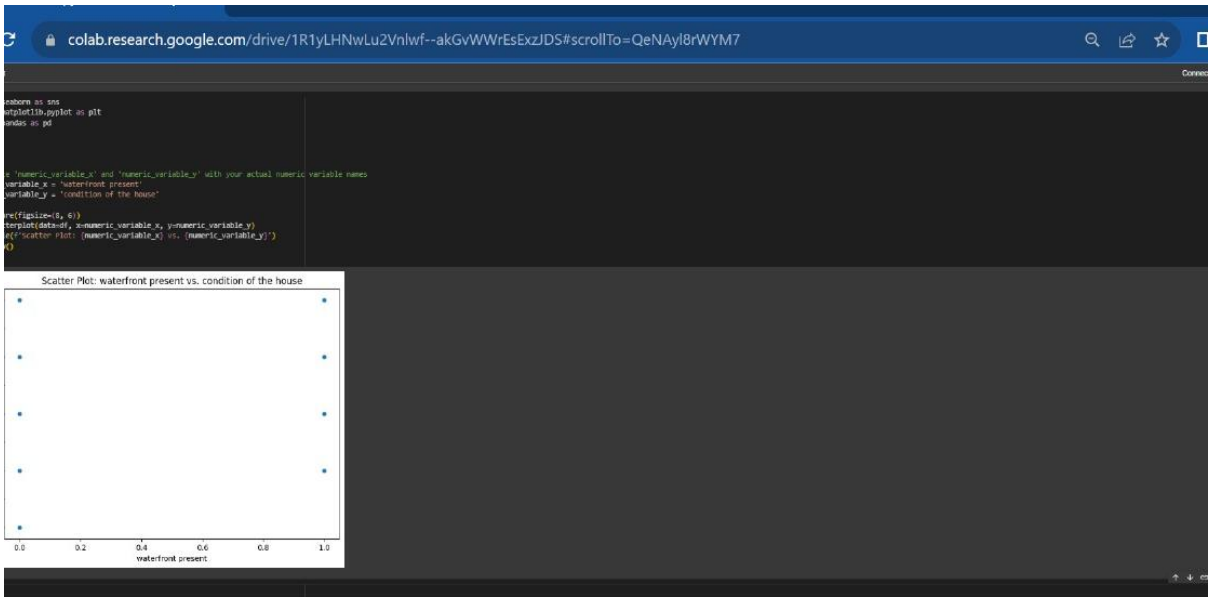
Univariate Analysis :



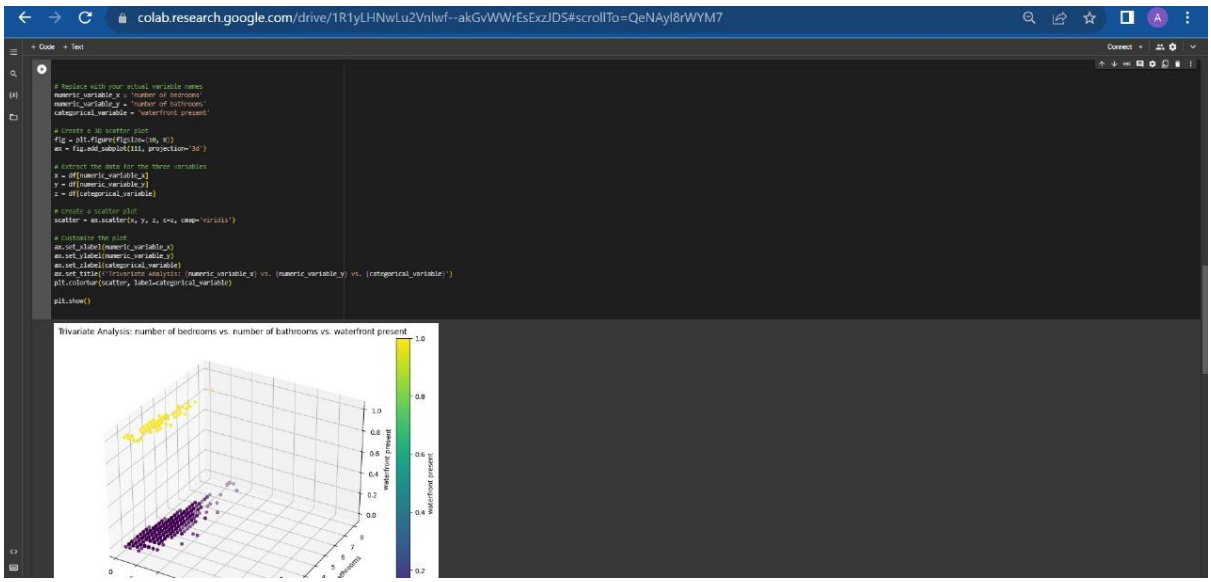
colab.research.google.com/drive/1R1yLHNwLu2Vnlwf--akGvWWrEsExzJDS#scrollTo=twyltMVaVaZd

```
aborn as sns
tplotlib.pyplot as plt
ndas as pd

ur dataset into a Pandas DataFrame (replace 'your_dataset.csv' with your dataset file)
mple:
read_csv('your_dataset.csv')

e 'column_name' is the variable you want to analyze
me = 'number of bathrooms'  # Replace with the actual column name from your dataset

 histogram for univariate analysis
e(figsize=(8, 6))
lot(df[column_name], kde=True)  # You can use sns.distplot() for older Seaborn versions
(f'Univariate Analysis of {column_name}')
l(column_name)
l('Frequency')
```

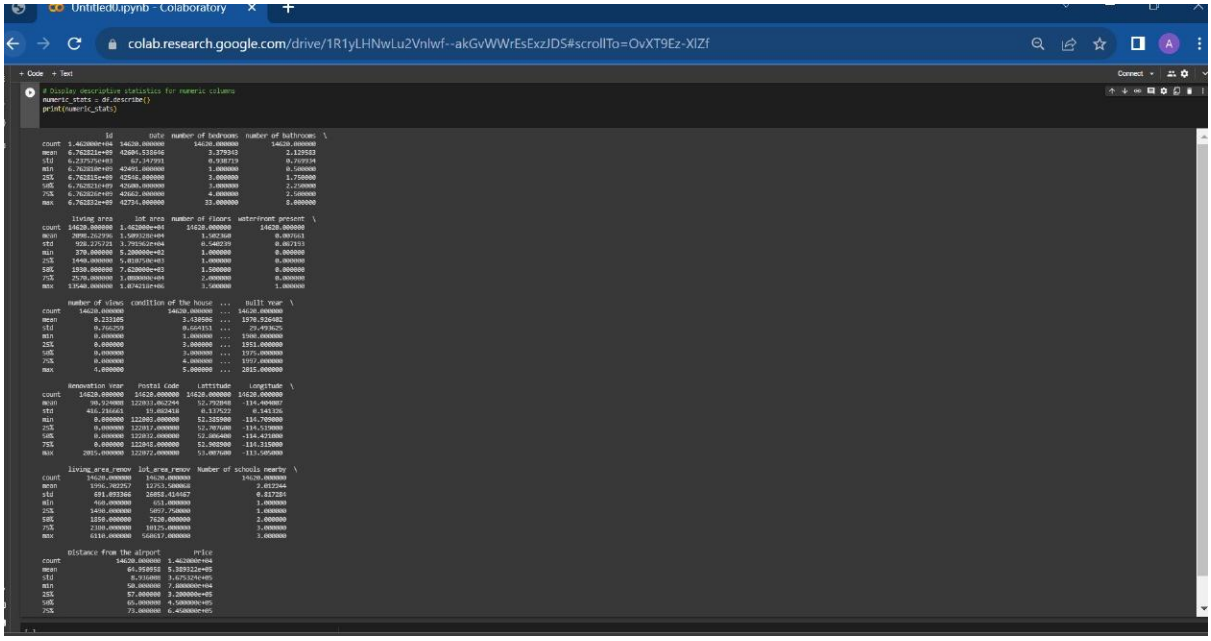
Bi - Variate Analysis :



Multi-Variate Analysis :



Descriptive statistics on the dataset :



Handle the Missing values :