ASSIGNMENT - 2

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Assignment 2

Perform the Below Tasks to complete the assignment:-

Tasks:-

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

TASK - 1

CODE:

```
import pandas as pd
import seaborn as sns
import numpy as np
import matplotlib.pyplot as plt
```

```
+ Code + Text All changes saved

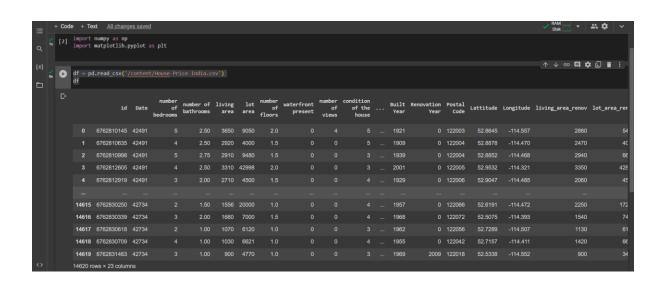
ASSIGNMENT 2

NEVATHA SRI.R

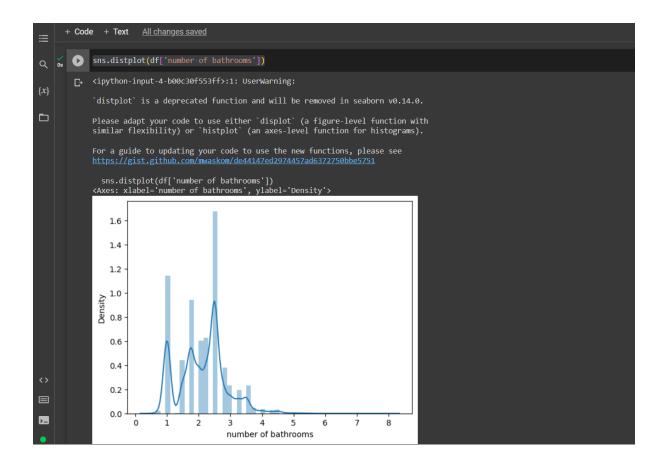
| 13 | import pandas as pd import seaborn as sns import numpy as np import matplotlib.pyplot as plt
```

TASK – 2

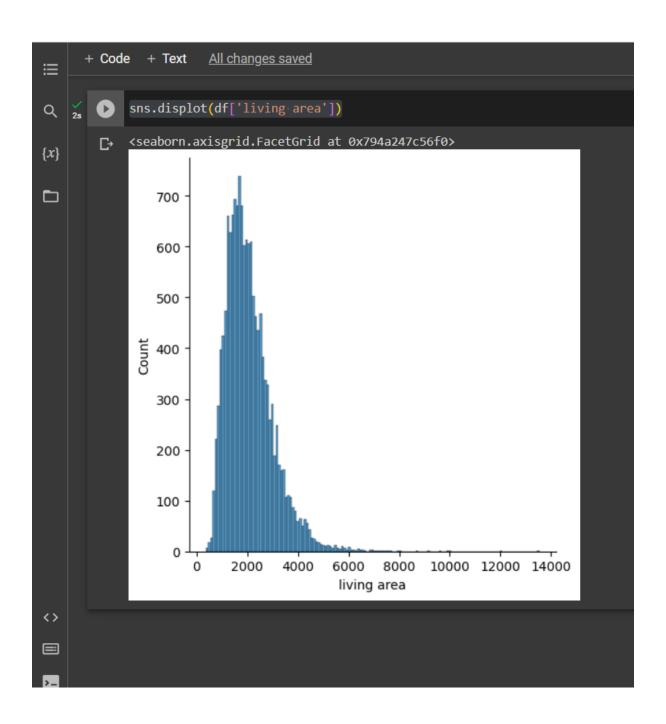
```
df = pd.read_csv('/content/House Price India.csv')
df
```



sns.distplot(df['number of bathrooms'])



```
sns.displot(df['living area'])
```



```
df['number of floors'].value_counts()
plt.pie(df['number of floors'].value_counts(),[0,0,0,0,0.2,0.4],labels
= ['1.0','2.0','1.5','3.0','2.5','3.5'],autopct ='%1.1f%%',shadow =
True)
plt.title('Number of floors')
plt.show()
```

```
df['number of floors'].value_counts()

1.0 7103
2.0 5666
1.5 1311
3.0 418
2.5 118
3.5 4
Name: number of floors, dtype: int64
```

```
plt.pie(df['number of floors'].value_counts(),[0,0,0,0,0.2,0.4],labels = ['1.0','2.0','1.5','3.0','2.5','3.5'],autopct ='%1.1f%%',shadow = True) plt.title('Number of floors') plt.show()

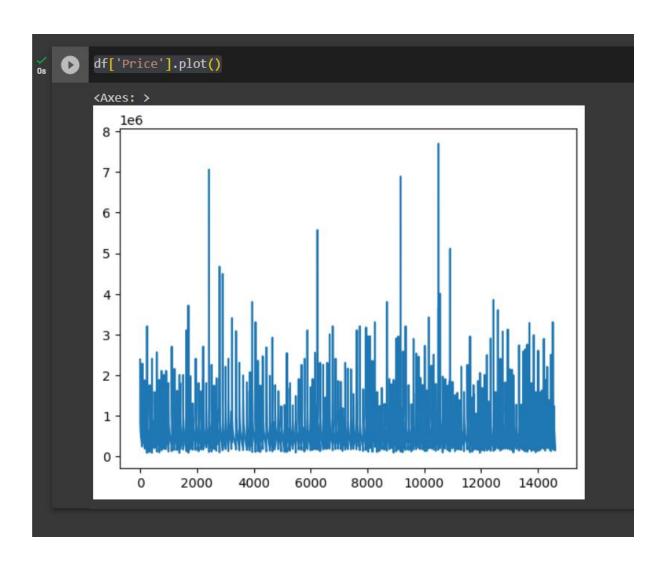
C Number of floors

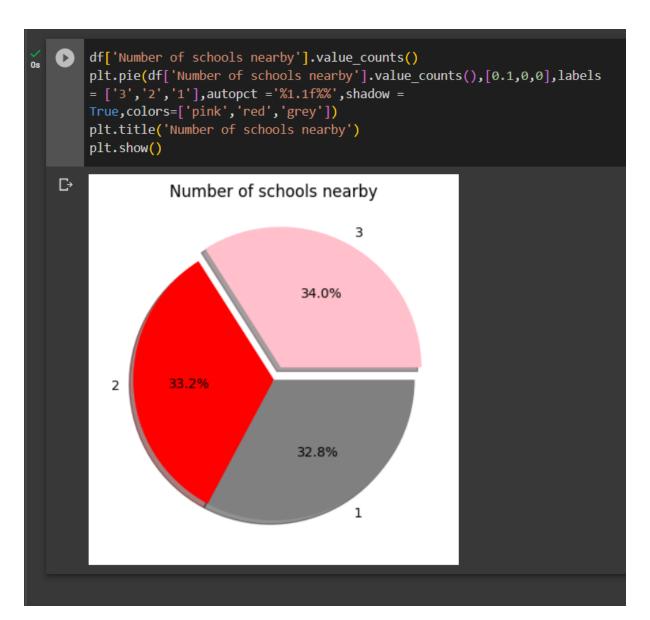
1.0

48.6%

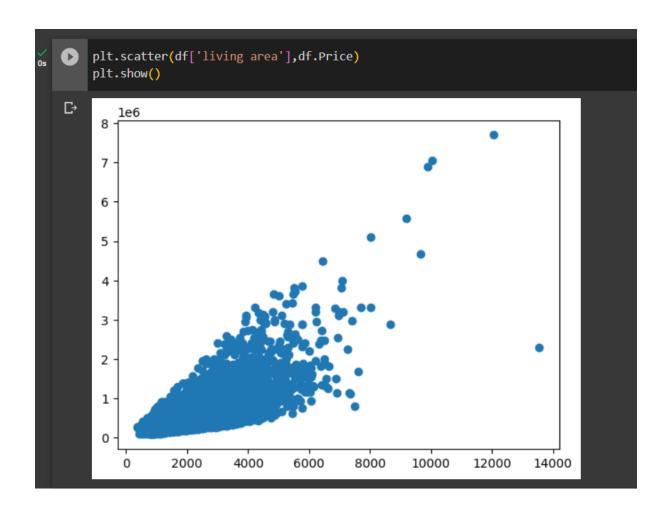
2.9%
3.0

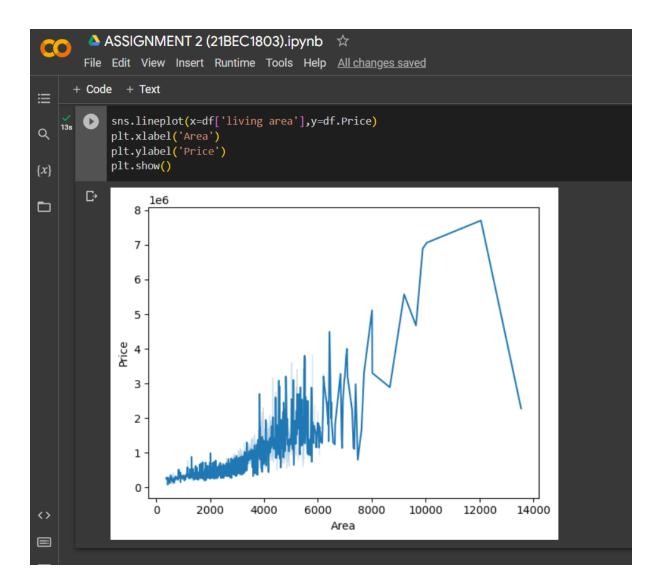
9.0%
38.8%
1.5
```

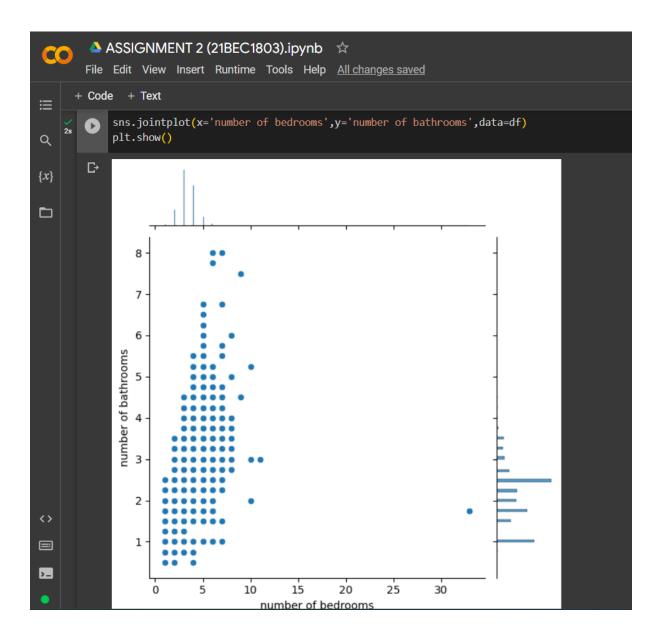


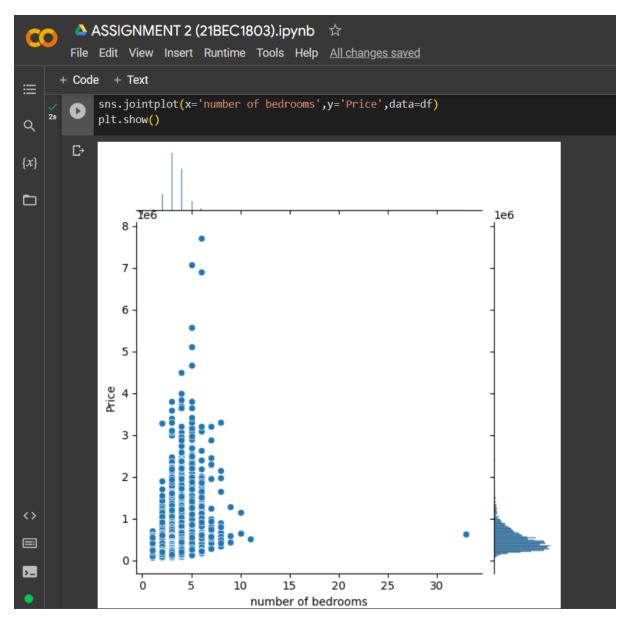


TASK – 3 BIVARIATE ANALYSIS

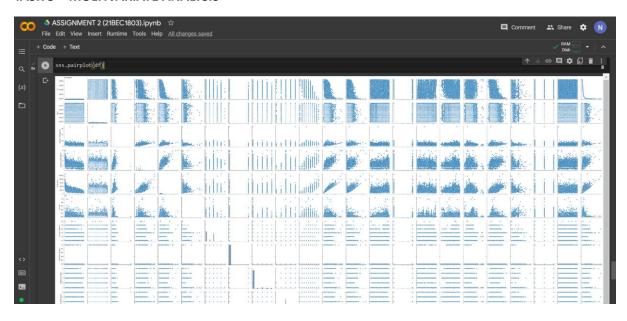






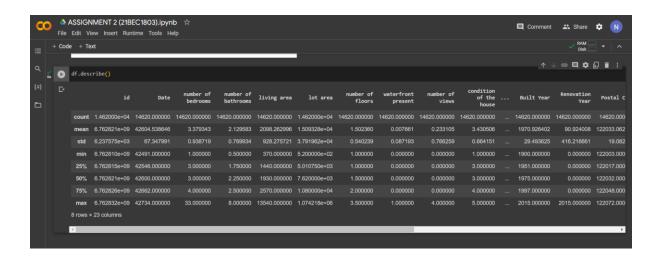


TASK 3 – MULTIVARIATE ANALYSIS



TASK - 4

df.describe()



TASK - 5

