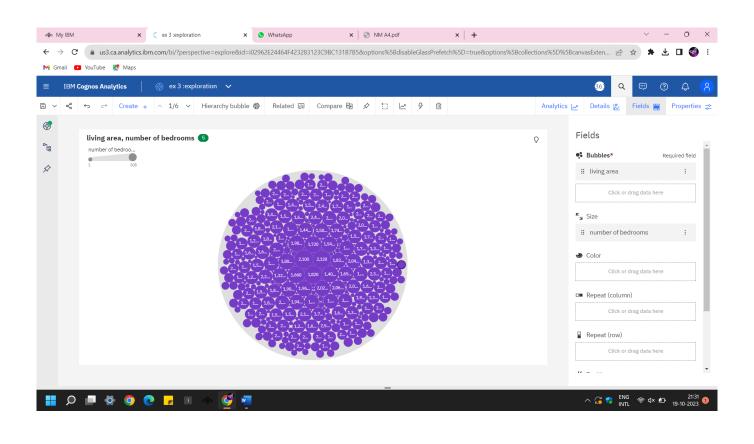
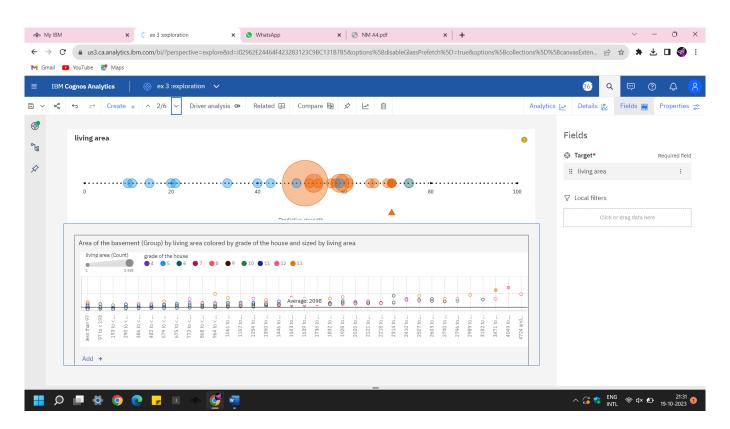
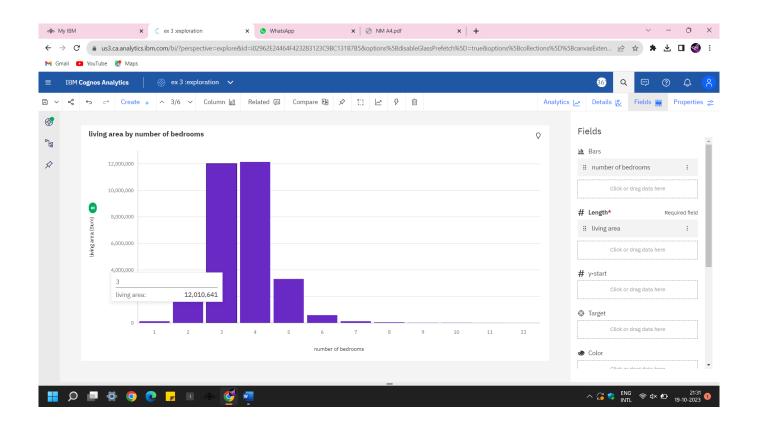
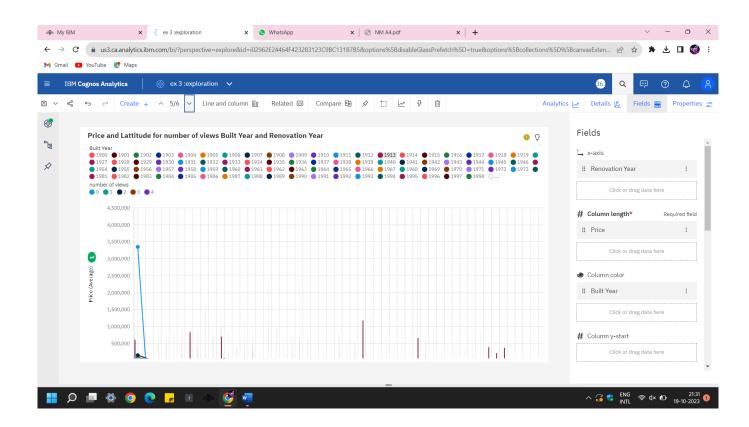
ASSIGNMENT 3

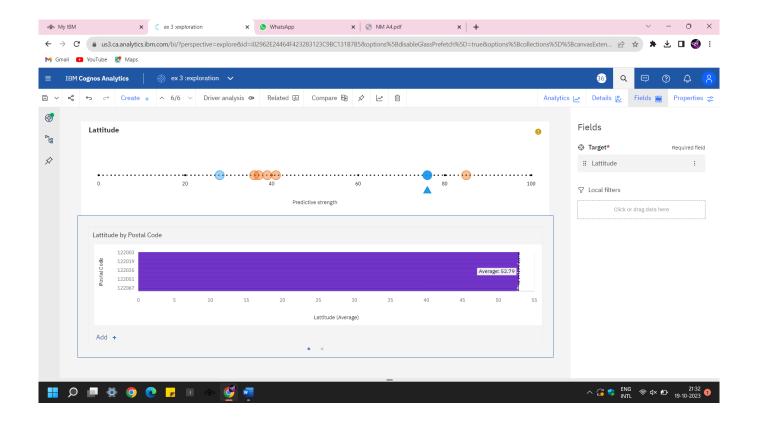
Univariate, Bivariate, Multivariate



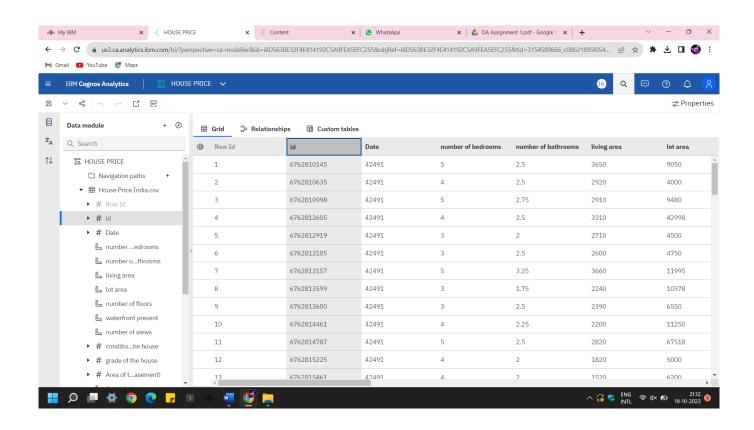








ASSIGNMENT 3



CODE:

import pandas as pd

import matplotlib.pyplot as plt

import seaborn as sns

df = pd.read_csv('C:\\Users\\Downloads\\archive (4)\\House
Price India.csv')

plt.figure(figsize=(8, 6))

sns.histplot(df['living area'], kde=True)

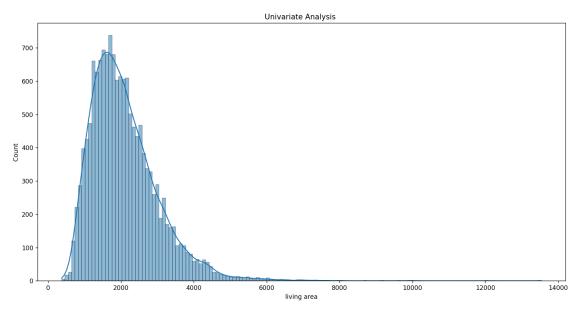
plt.title('Univariate Analysis')

plt.show()

```
plt.figure(figsize=(8, 6))
sns.scatterplot(x='number of floors', y='condition of the
house', data=df)
plt.title('Bi-Variate Analysis')
plt.show()
sns.pairplot(df[['Area of the house(excluding
basement)', 'grade of the house', 'Postal
Code','living_area_renov']])
plt.title('Multi-Variate Analysis - Pair Plot')
plt.show()
descriptive_stats = df.describe()
print(descriptive_stats)
missing_values = df.isnull().sum()
print("Missing Values:")
print(missing_values)
```

OUTPUT:

§ Figure 1→ Ø X





% Figure 1 − Ø ×

