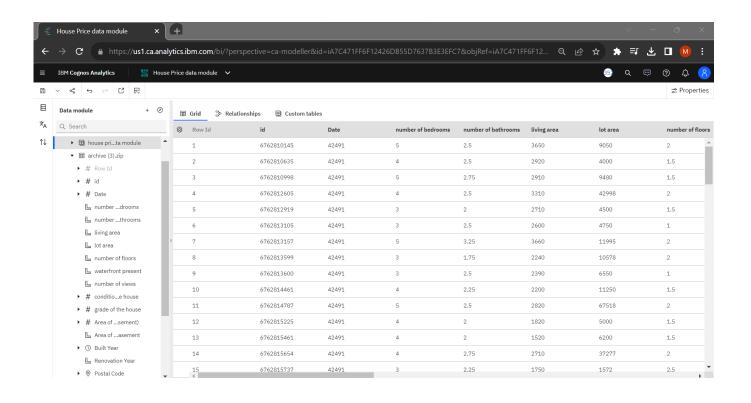
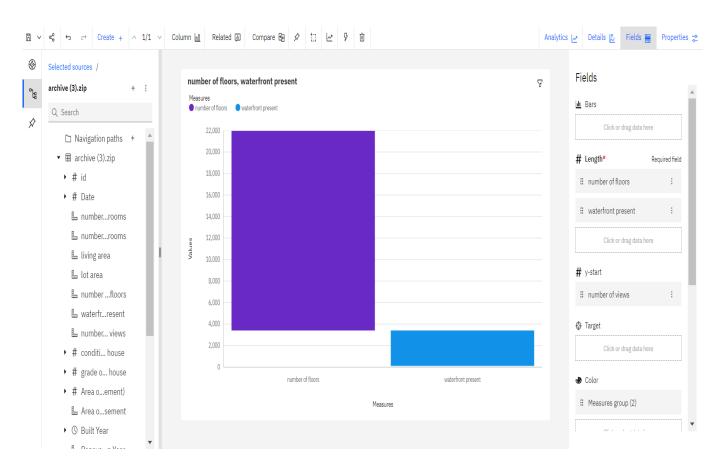
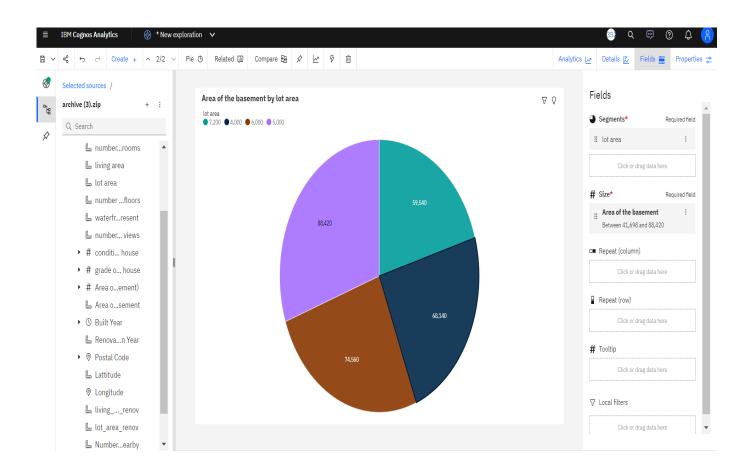
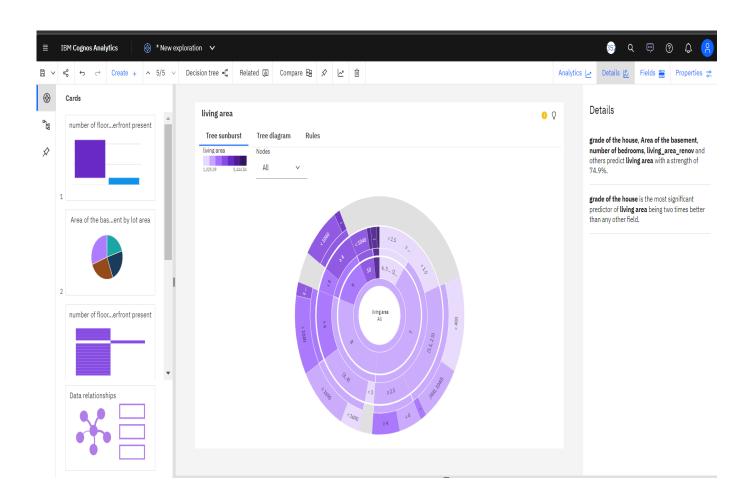
## **ASSIGNMENT 3**

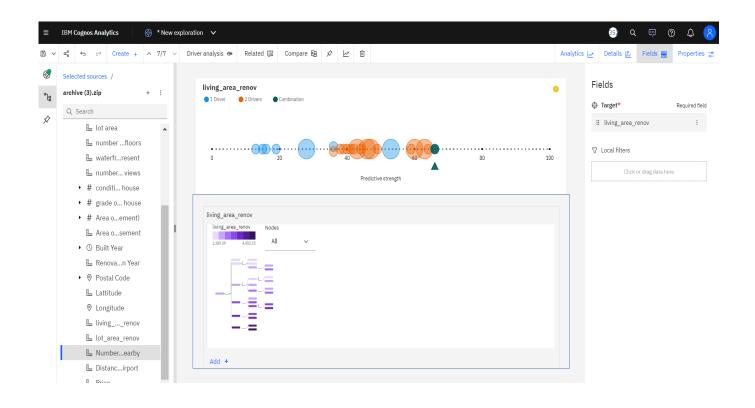
## Univariate, Bivariate and Multivariate

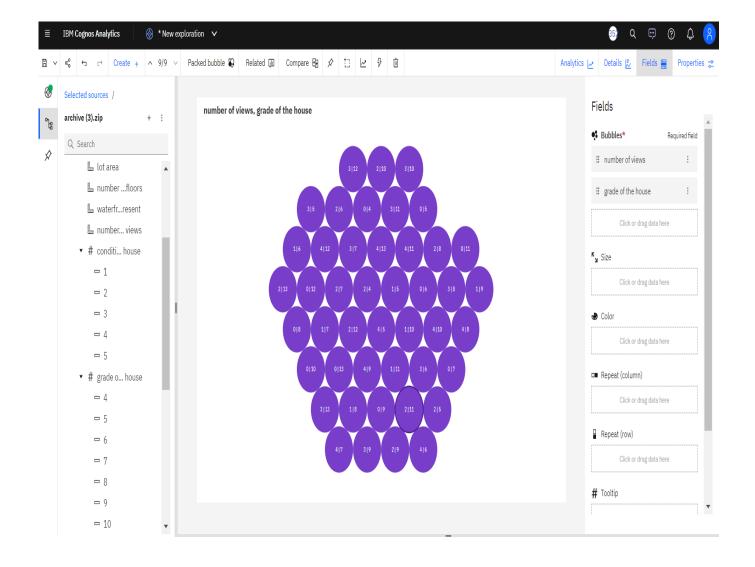










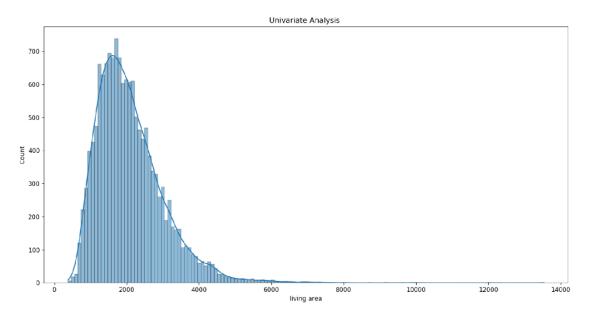


## Code:

```
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
df =
pd.read csv("C:\\Users\\Downloads\\HousePriceIndia.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)
```

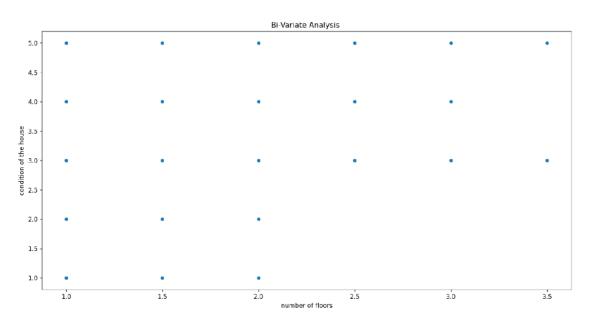
## **Output:**

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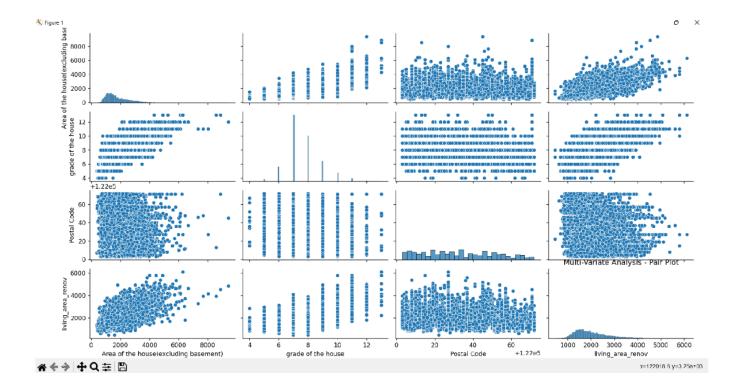


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```
| DESCRIPTION | Part |
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