

```
data.head()

data.info()

data.isnull()

data.isnull().sum()

xpoints=data['BHK_NO. ']
ypoints=data['TARGET(PRICE_IN_LACS) ']

plt.plot(xpoints,ypoints)
plt.show()

plt.scatter(xpoints,ypoints)
plt.show()

plt.hist(xpoints)
plt.show()

plt.fill_between(xpoints,ypoints)
plt.show()

plt.bar(xpoints,ypoints)
plt.xlabel('BHK_NO. ')
plt.ylabel('TARGET(PRICE_IN_LACS) ')
plt.title('Bar Plot of BHK_NO. vs TARGET(PRICE_IN_LACS) ')
plt.show()

plt.barh(xpoints,ypoints)
plt.show()

plt.boxplot([xpoints,ypoints])
plt.show()

plt.hexbin(xpoints,ypoints,gridsize=18)
plt.show()

plt.pie(xpoints,ypoints)
plt.show()
```

```
IDLE Shell 3.12.1
File Edit Shell Debug Options Window Help
import pandas as pd
DeprecationWarning:
Pyarrow will become a required dependency of pandas in the next major release of pandas (pandas 3.0),
(to allow more performant data types, such as the Arrow string type, and better interoperability with other libraries)
but was not found to be installed on your system.
If this would cause problems for you,
please provide us feedback at https://github.com/pandas-dev/pandas/issues/54466

   POSTED_BY  UNDER_CONSTRUCTION  ...  LATITUDE  TARGET(PRICE_IN_LACS)
0      Owner                    0  ...  77.597960                55.0
1     Dealer                    0  ...  76.644605                51.0
2      Owner                    0  ...  77.632191                43.0
3      Owner                    0  ...  77.344500                62.5
4     Dealer                    1  ...  88.484911                60.5
...      ...                    ...  ...  ...                ...
29446  Owner                    0  ...  78.043277                45.0
29447  Owner                    0  ... -86.150721                16.0
29448  Dealer                    0  ...  75.828002                27.1
29449  Owner                    0  ...  80.227910                67.0
29450  Dealer                    0  ...  75.841749                27.8

[29451 rows x 12 columns]
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 29451 entries, 0 to 29450
Data columns (total 12 columns):
#   Column                Non-Null Count  Dtype
---  ---
0   POSTED_BY             29451 non-null  object
1   UNDER_CONSTRUCTION    29451 non-null  int64
2   RERA                   29451 non-null  int64
3   BHK_NO.               29451 non-null  int64
4   BHK_OR_RK             29451 non-null  object
5   SQUARE_FT             29451 non-null  float64
6   READY_TO_MOVE         29451 non-null  int64
7   RESALE                 29451 non-null  int64
8   ADDRESS                29451 non-null  object
9   LONGITUDE              29451 non-null  float64
10  LATITUDE               29451 non-null  float64
11  TARGET(PRICE_IN_LACS)  29451 non-null  float64
dtypes: float64(4), int64(5), object(3)
memory usage: 2.7+ MB
>>>
```

Bar Plot of BHK_NO. vs TARGET(PRICE_IN_LACS)

















