from google.colab import files
uploaded = files.upload()

Choose files House Price India.csv

• House Price India.csv(text/csv) - 1524561 bytes, last modified: 02/10/2023 - 100% done Saving House Price India.csv to House Price India.csv

import pandas as pd

import numpy as np

import matplotlib.pyplot as plt

import seaborn as sns

import io

df = pd.read_csv(io.BytesIO(uploaded['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	Lat
0	6762810145	42491	5	2.50	3650	9050	2.0	0	4	5		1921	0	122003	
1	6762810635	42491	4	2.50	2920	4000	1.5	0	0	5		1909	0	122004	
2	6762810998	42491	5	2.75	2910	9480	1.5	0	0	3		1939	0	122004	
3	6762812605	42491	4	2.50	3310	42998	2.0	0	0	3		2001	0	122005	
4	6762812919	42491	3	2.00	2710	4500	1.5	0	0	4		1929	0	122006	

5 rows × 23 columns

df.tail()

		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
1	4615	6762830250	42734	2	1.5	1556	20000	1.0	0	0	4		1957	0	122066
1	4616	6762830339	42734	3	2.0	1680	7000	1.5	0	0	4		1968	0	122072
1	4617	6762830618	42734	2	1.0	1070	6120	1.0	0	0	3		1962	0	122056
1	4618	6762830709	42734	4	1.0	1030	6621	1.0	0	0	4		1955	0	122042
1	4619	6762831463	42734	3	1.0	900	4770	1.0	0	0	3		1969	2009	122018

5 rows × 23 columns

df

```
number
                                                                                       number
                                                                                              condition
                                                                   number
                                         number of living
                                                              lot
                                                                           waterfront
                                                                                                              Built Renovation Postal
                                                                                           of
                                                                                                  of the ...
                         Date
                                     of
                                                                       of
                                         bathrooms
                                                      area
                                                             area
                                                                              present
                                                                                                                Year
                                                                                                                            Year
                                                                                                                                   Code
                                bedrooms
                                                                   floors
                                                                                        views
                                                                                                   house
            6762810145 42491
                                                                                                                              0 122003
                                               2.50
                                                             9050
                                                                       2.0
                                                                                                      5
                                                                                                               1921
                                                                                                         ...
df.columns
     'Area of the house(excluding basement)', 'Area of the basement',
            'Built Year', 'Renovation Year', 'Postal Code', 'Lattitude', 'Longitude', 'living_area_renov', 'lot_area_renov',
            'Number of schools nearby', 'Distance from the airport', 'Price'],
           dtype='object')
      14010 0/02030339 42/34
                                               ∠.∪∪
                                                      ιυου
                                                            1000
                                                                       1.0
                                                                                                                1900
                                                                                                                              U 122U12
df.dtypes
     id
                                                int64
     Date
                                                int64
     number of bedrooms
                                                int64
     number of bathrooms
                                              float64
     living area
                                                int64
     lot area
                                                int64
     number of floors
                                              float64
     waterfront present
                                                int64
     number of views
                                                int64
     condition of the house
                                                int64
     grade of the house
                                                int64
     Area of the house(excluding basement)
                                                int64
     Area of the basement
                                                int64
     Built Year
                                                int64
     Renovation Year
                                                int64
     Postal Code
                                                int64
     Lattitude
                                              float64
     Longitude
                                              float64
     living_area_renov
                                                int64
     lot_area_renov
                                                int64
     Number of schools nearby
                                                int64
     Distance from the airport
                                                int64
                                                int64
     Price
     dtype: object
df.info()
     <class 'pandas.core.frame.DataFrame'>
     RangeIndex: 14620 entries, 0 to 14619
     Data columns (total 23 columns):
     #
         Column
                                                 Non-Null Count
                                                                 Dtype
     0
          id
                                                 14620 non-null
                                                                 int64
      1
         Date
                                                 14620 non-null
                                                                 int64
                                                 14620 non-null
          number of bedrooms
                                                                 int64
      2
          number of bathrooms
                                                 14620 non-null
                                                                 float64
                                                 14620 non-null
      4
          living area
                                                                 int64
      5
          lot area
                                                 14620 non-null
                                                                 int64
          number of floors
                                                 14620 non-null
                                                                 float64
          waterfront present
                                                 14620 non-null
          number of views
                                                 14620 non-null
                                                 14620 non-null
          condition of the house
         grade of the house
                                                 14620 non-null
         Area of the house(excluding basement)
                                                 14620 non-null
                                                                 int64
      11
         Area of the basement
                                                 14620 non-null
                                                                 int64
      12
                                                 14620 non-null
      13
          Built Year
                                                                 int64
         Renovation Year
                                                 14620 non-null
                                                                 int64
      14
      15
         Postal Code
                                                 14620 non-null
                                                                 int64
      16
         Lattitude
                                                 14620 non-null
                                                                 float64
      17
          Longitude
                                                 14620 non-null
                                                                 float64
      18
          living_area_renov
                                                 14620 non-null
                                                                 int64
                                                 14620 non-null
         lot_area_renov
         Number of schools nearby
                                                 14620 non-null
         Distance from the airport
                                                 14620 non-null
      21
                                                                 int64
                                                 14620 non-null
      22
         Price
                                                                 int64
     dtypes: float64(4), int64(19)
     memory usage: 2.6 MB
df.shape
```

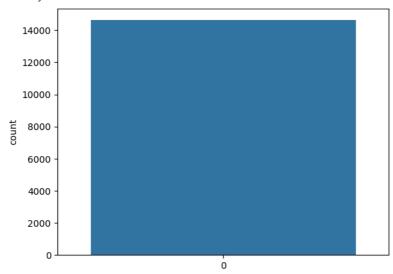
Univariate Analysis

(14620, 23)

```
print(df.describe())
            6.237575e+03
                              67.347991
                                                    0.938719
                                                                         0.769934
     std
                          42491.000000
                                                    1.000000
                                                                         0.500000
            6.762810e+09
     min
                           42546.000000
                                                    3.000000
                                                                         1.750000
     25%
            6.762815e+09
                          42600.000000
                                                    3.000000
                                                                         2.250000
     50%
            6.762821e+09
     75%
            6.762826e+09
                          42662.000000
                                                    4.000000
                                                                         2.500000
     max
            6.762832e+09
                           42734.000000
                                                   33.000000
                                                                          8.000000
             living area
                               lot area number of floors waterfront present \
     count
           14620.000000 1.462000e+04
                                             14620.000000
                                                                  14620.000000
             2098.262996
     mean
                           1.509328e+04
                                                 1.502360
                                                                      0.007661
              928.275721
                           3.791962e+04
                                                 0.540239
                                                                      0.087193
     std
              370.000000
                           5.200000e+02
                                                 1.000000
                                                                      0.000000
     min
     25%
             1440.000000
                           5.010750e+03
                                                 1.000000
                                                                      0.000000
                                                                      0.000000
             1930.000000
                                                 1.500000
     50%
                          7.620000e+03
     75%
             2570,000000
                          1.080000e+04
                                                  2,000000
                                                                      0.000000
     max
            13540.000000 1.074218e+06
                                                 3.500000
                                                                      1.000000
            number of views condition of the house
                                                              Built Year \
     count
               14620.000000
                                        14620.000000
                                                            14620.000000
                                                       . . .
                   0.233105
                                            3.430506
                                                             1970.926402
     mean
                                                       . . .
                   0.766259
                                            0.664151
                                                               29.493625
     std
                                                       . . .
                   0.000000
                                            1.000000
                                                             1900.000000
     min
                                                       . . .
     25%
                   0.000000
                                            3.000000
                                                             1951.000000
                                                       . . .
     50%
                   0.000000
                                            3.000000
                                                             1975.000000
                                                       . . .
                   0.000000
                                            4.000000
                                                             1997,000000
     75%
                                            5.000000
                   4.000000
     max
                                                             2015.000000
            Renovation Year
                                Postal Code
                                                Lattitude
                                                               Longitude
     count
               14620.000000
                               14620.000000
                                             14620.000000
                                                            14620.000000
                  90.924008
                              122033.062244
                                                52.792848
                                                             -114.404007
     mean
                                                                0.141326
     std
                 416.216661
                                  19.082418
                                                 0.137522
                   0.000000
                              122003.000000
                                                 52.385900
                                                             -114.709000
     25%
                   0.000000
                              122017.000000
                                                 52.707600
                                                             -114.519000
     50%
                   0.000000
                              122032.000000
                                                52.806400
                                                             -114.421000
                                                52,908900
     75%
                   0.000000
                              122048,000000
                                                             -114,315000
                2015.000000
                                                53.007600
     max
                             122072.000000
                                                             -113.505000
            living_area_renov lot_area_renov
                                                Number of schools nearby
     count
                 14620.000000
                                  14620.000000
                                                             14620.000000
     mean
                  1996.702257
                                  12753.500068
                                                                 2.012244
     std
                   691.093366
                                  26058.414467
                                                                 0.817284
                   460.000000
                                    651.000000
                                                                 1.000000
     25%
                  1490.000000
                                                                 1.000000
                                   5097.750000
     50%
                  1850.000000
                                   7620.000000
                                                                 2.000000
                  2380.000000
                                  10125.000000
                                                                 3.000000
     75%
                  6110.000000
                                 560617.000000
                                                                 3.000000
     max
                                               Price
            Distance from the airport
     count
                          14620.000000
                                       1.462000e+04
     mean
                             64.950958
                                        5.389322e+05
                              8.936008
                                        3.675324e+05
     std
                             50.000000
                                        7.800000e+04
     min
                             57.000000
                                        3.200000e+05
     50%
                             65.000000
                                        4.500000e+05
                                        6.450000e+05
     75%
                             73.000000
                             80.000000
                                        7.700000e+06
     max
     [8 rows x 23 columns]
```

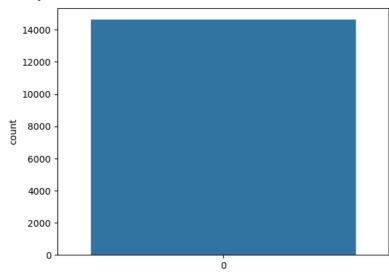
plt.hist(df['Area of the house(excluding basement)'])

<Axes: ylabel='count'>



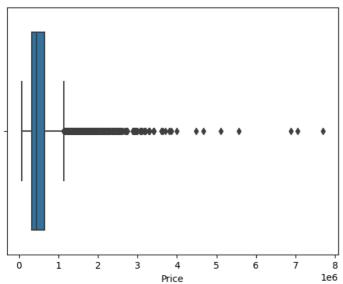
sns.countplot(df['number of bathrooms'])

<Axes: ylabel='count'>



sns.boxplot(x=df['Price'])

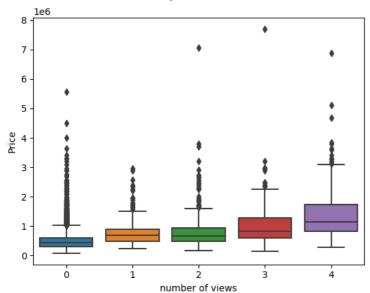
<Axes: xlabel='Price'>



Bivariate Analysis

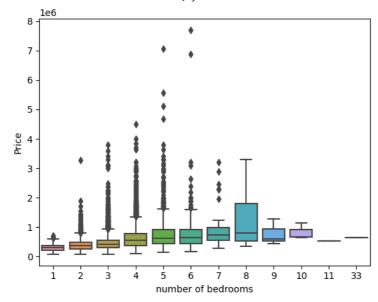
sns.boxplot(x=df['number of views'],y=df['Price'])

<Axes: xlabel='number of views', ylabel='Price'>

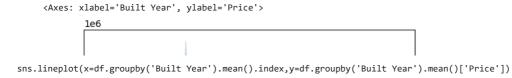


sns.boxplot(x=df['number of bedrooms'],y=df['Price'])

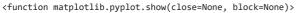
<Axes: xlabel='number of bedrooms', ylabel='Price'>

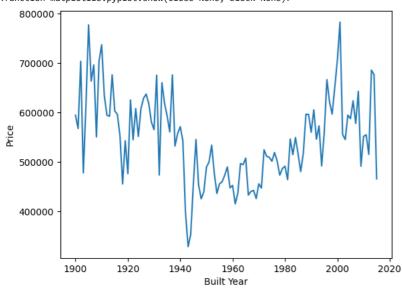


sns.lineplot(x=df['Built Year'],y=df['Price'])

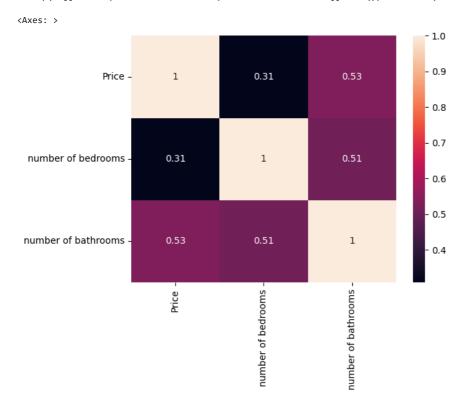


plt.show





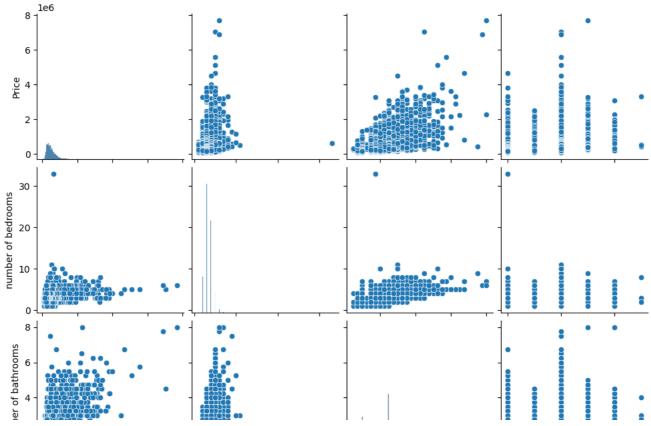
sns.heatmap(df[['Price','number of bedrooms','number of bathrooms']].corr(),annot=True)



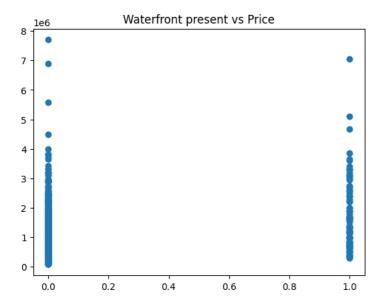
Multivariate Analysis

 $\verb|sns.pairplot(df[['Price', 'number of bedrooms', 'number of bathrooms', 'number of floors']]|| \\$

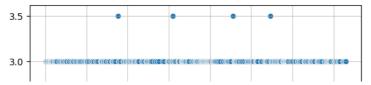




plt.scatter(df['waterfront present'],df['Price'])
plt.title("Waterfront present vs Price")
plt.grid(linestyle='-', linewidth=0.)



sns.scatterplot(df['number of floors'])
plt.grid(linestyle='-',linewidth=0.5)



plt.subplots(figsize=(15,15))
sns.heatmap(df.drop(['id'],axis=1).corr(),linewidth=0.3,annot=True)
plt.show()

Date -	1	0.016	-0.026	-0.022	0.0044	-0.01	0.012	0.0048	0.027	0.033	-0.01€	-0.016	0.005	0.012	0.018	-0.023	0.018	-0.032	-5e-05	0.004	0.011	-0.028
number of bedrooms -	-0.016	1	0.51	0.57	0.034	0.18-	0.006	0.079	0.027	0.35	0.47	0.3	0.15	0.016	-0.044	-0.013	0.14	0.39	0.029	0.0034	0.006:	20.31
number of bathrooms -	-0.026	0.51	1	0.75	0.081	0.5	0.06	0.18	-0.13	0.66	0.68	0.29	0.5	0.05	-0.11	0.031	0.22	0.57	0.079	0.0022	0.0092	0.53
living area -	-0.022	0.57	0.75	1	0.17	0.35	0.11	0.29	-0.063	0.76	0.88	0.44	0.31	0.059	-0.08	0.055	0.24	0.76	0.18	0.0024	0.0025	0.71
lot area -	0.0044	0.034	0.081	0.17	1	0.004	ທ.026	0.078	0.008	0.11	0.18	0.02	0.052	0.0068	0.07	-0.091	0.22	0.15	0.71	0.013	0.0033	0.082
number of floors -	-0.01	0.18	0.5	0.35-	0.004:	1	0.016	0.02	-0.27	0.46	0.53	-0.24	0.48	0.0067	-0.13	0.051	0.13	0.29	-0.01-	0.007	60.017	0.26
waterfront present -	0.012	0.006	3 0.06	0.11	0.026	0.016	1	0.4	0.019	0.08	0.072	0.085	0.024	0.086	0.038	-0.022	0.048	0.086	0.032	0.001€	0.0014	0.26
number of views -	0.004	0.079	0.18	0.29	0.078	0.02	0.4	1	0.053	0.25	0.16	0.29	-0.055	0.1	0.039	0.004	5-0.08	0.28	0.072	0.008	0.001	0.4
condition of the house -	-0.027	0.027	-0.13	-0.063	0.008	5-0.27	0.019	0.053	1	-0.15	-0.17	0.18	-0.38	0.062	0.045	-0.003	-0.12	-0.1	0.004	0.006	9.002	0.041
grade of the house -	-0.033	0.35	0.66	0.76	0.11	0.46	0.08	0.25	-0.15	1	0.76	0.17	0.44	0.015	-0.15	0.12	0.2	0.72	0.120	.0009	9.0049	0.67
Area of the house(excluding basement) -	-0.016	0.47	0.68	0.88	0.18	0.53	0.072	0.16	-0.17	0.76	1	-0.046	0.42	0.026	-0.084	3.8e-0	50.35	0.74	0.19-	0.002	9 .0012	0.62
Area of the basement -	-0.016	0.3	0.29	0.44	0.02	-0.24	0.085	0.29	0.18	0.17	-0.04€	1	-0.14	0.075	-0.011	0.11	-0.15	0.2	0.011	0.01	0.0029	0.33
Built Year -			0.5				-0.024		-0.38	0.44	0.42	-0.14	1	-0.23	-0.062	-0.14	0.41	0.33	0.073	0.001	60.004	0.05
Renovation Year -												0.075									3.0053	
Postal Code -																					0.012	
Lattitude -																1					0.0072	
Longitude -										0.2		-0.15			-0.099		1	0.34			0.003	
living_area_renov -				0.76			0.086		-0.1	0.72	0.74	0.2				0.046		1			0.005	
lot_area_renov -							0.032					0.011									0.015	
Distance from the airport -																						0.0038
Price -									0.041			0.33									D.0038	
Filce -	.020	0.51		3.71	,	0.20	0.20	-0.4	0.041	-0.07	0.02		9.05	0.15		-0.5		-0.50		,.005	,.0036	

print(df.describe())

std	6.237575e+03	67.347991	0.	938719	9	0.7699	34		
min	6.762810e+09	42491.000000	1.	00000	9	0.5000	900		
25%	6.762815e+09	42546.000000	3.	000000	9	1.7500	900		
50%	6.762821e+09	42600.000000	3.	000000	9	2.2500	900		
75%	6.762826e+09	42662.000000	4.	00000	9	2.5000	000		
max	6.762832e+09	42734.000000	33.	000000	9	8.000000			
	living area	lot area	number of fl	oors	waterfront pr	esent	\		
count	14620.000000	1.462000e+04	14620.00	0000	14620.0	00000			
mean	2098.262996	1.509328e+04	1.50	2360	0.0	07661			
std	928.275721	3.791962e+04	0.54	0239	0.0	87193			
min	370.000000	5.200000e+02	1.00	0000	0.0	00000			
25%	1440.000000	5.010750e+03	1.00	0000	0.0	00000			
50%	1930.000000	7.620000e+03	1.50	0000	0.0	00000			
75%	2570.000000	1.080000e+04	2.00	0000	0.0	00000			
max	13540.000000	1.074218e+06	3.50	0000	1.0	00000			
	number of vie	ws condition	of the house		Built Year	\			
count	14620.0000	00	14620.000000		14620.000000				
mean	0.2331	.05	3.430506		1970.926402				
std	0.7662	59	0.664151		29.493625				
min	0.0000	00	1.000000		1900.000000				

- 1.0

- 0.8

- 0.6

- 0.4

- 0.0

-0.2

```
max
                   4.000000
                                            J. 0000000 ...
                                                            2015.000000
            Renovation Year
                               Postal Code
                                                Lattitude
                                                              Longitude \
     count
               14620.000000
                              14620.000000
                                            14620.000000
                                                          14620.000000
     mean
                  90.924008 122033.062244
                                                52.792848
                                                            -114.404007
     std
                 416.216661
                                 19.082418
                                                 0.137522
                                                               0.141326
                   0.000000
                             122003.000000
                                                52.385900
                                                            -114.709000
     min
                                                52.707600
     25%
                   0.000000
                             122017.000000
                                                            -114.519000
     50%
                   0.000000
                             122032.000000
                                                52.806400
                                                            -114.421000
     75%
                   0.000000
                             122048.000000
                                                52.908900
                                                            -114.315000
                2015.000000
                             122072.000000
                                                53.007600
                                                            -113.505000
     max
            living_area_renov lot_area_renov
                                                Number of schools nearby
     count
                 14620.000000
                                 14620.000000
                                                            14620.000000
     mean
                  1996.702257
                                 12753.500068
                                                                 2.012244
     std
                   691.093366
                                  26058.414467
                                                                0.817284
     min
                   460.000000
                                   651.000000
                                                                1.000000
                  1490.000000
                                  5097.750000
                                                                1.000000
     25%
                  1850.000000
     50%
                                  7620.000000
                                                                2.000000
     75%
                  2380.000000
                                 10125.000000
                                                                3.000000
                  6110.000000
                                560617.000000
                                                                3.000000
     max
            Distance from the airport
                                               Price
                         14620.000000 1.462000e+04
     count
     mean
                            64.950958
                                       5.389322e+05
     std
                             8.936008
                                        3.675324e+05
     min
                             50.000000
                                       7.800000e+04
     25%
                             57.000000
                                        3.200000e+05
                                       4.500000e+05
     50%
     75%
                            73.000000
                                       6.450000e+05
                            80.000000 7.700000e+06
     max
     [8 rows x 23 columns]
print(df.count())
     id
                                               14620
     Date
                                               14620
     number of bedrooms
                                               14620
     number of bathrooms
                                               14620
     living area
                                               14620
     lot area
                                               14620
     number of floors
                                               14620
     waterfront present
                                               14620
     number of views
                                               14620
     condition of the house
                                               14620
     grade of the house
                                               14620
     Area of the house(excluding basement)
                                               14620
     Area of the basement
                                               14620
     Built Year
                                               14620
     Renovation Year
                                               14620
     Postal Code
                                               14620
     Lattitude
                                               14620
     Longitude
                                               14620
     living_area_renov
                                               14620
     lot_area_renov
                                               14620
     \hbox{Number of schools nearby}
                                               14620
     Distance from the airport
                                               14620
     Price
                                               14620
     dtype: int64
print(df.corr())
```

df.dropna(inplace=True)

df.fillna(0,inplace=True)

df.interpolate(inplace=True)

```
-0.001203
     living area renov
                                                            -0.025014
     lot_area_renov
     Number of schools nearby
                                                             1,000000
     Distance from the airport
                                                             0.004035
     Price
                                                            0.009890
                                            Distance from the airport
     id
                                                             -0.004542 -0.773114
     Date
                                                             0.011457 -0.027919
     number of bedrooms
                                                             -0.006157 0.308460
     number of bathrooms
                                                              0.009206 0.531735
                                                              0.002511 0.712169
     living area
     lot area
                                                              0.003291
                                                                        0.081992
     number of floors
                                                              0.016567
                                                                        0.262732
     waterfront present
                                                             0.001448 0.263687
     number of views
                                                             -0.001657
                                                                        0.395973
     condition of the house
                                                             -0.002136
                                                                        0.041376
                                                              0.004940
     grade of the house
                                                                        0.671814
     Area of the house(excluding basement)
                                                             0.001222
                                                                        0.615220
     Area of the basement
                                                             0.002926
                                                                        0.330202
     Built Year
                                                             -0.003968
                                                                       0.050307
     Renovation Year
                                                             0.005342 0.133173
                                                              0.011528 -0.115908
     Postal Code
     Lattitude
                                                             0.007193 0.297490
     Longitude
                                                             -0.003100
                                                                       0.024414
     living_area_renov
                                                             -0.005673
                                                                        0.584924
     lot_area_renov
                                                             -0.014587
                                                                        0.075535
     Number of schools nearby
                                                              0.004035
                                                                       0.009890
     Distance from the airport
                                                              1.000000 0.003804
                                                              0.003804 1.000000
     [23 rows x 23 columns]
print(df['Number of schools nearby'].value_counts())
          4973
          4853
     2
          4794
     Name: Number of schools nearby, dtype: int64
print('Mean:',df['Distance from the airport'].mean())
print('Median:',df['Area of the basement'].median())
print('Mode:',df['grade of the house'].mode())
     Mean: 64.95095759233926
     Median: 0.0
     Mode: 0
     Name: grade of the house, dtype: int64
Handle the Missing values
print(df.isnull().sum())
     id
                                              0
     Date
     number of bedrooms
                                              0
     number of bathrooms
                                              0
                                              0
     living area
     lot area
                                              0
     number of floors
                                              0
     waterfront present
                                              0
     number of views
                                              0
     condition of the house
                                              0
     grade of the house
     Area of the house(excluding basement)
     Area of the basement
     Built Year
                                              0
     Renovation Year
                                              0
     Postal Code
                                              0
     Lattitude
                                              0
     Longitude
                                              0
     living_area_renov
                                              0
     lot_area_renov
                                              0
     Number of schools nearby
                                              0
     Distance from the airport
     dtype: int64
```

```
https://colab.research.google.com/drive/1xwmBWm9zIAo6YuOcTneP8f4pyRzLYdGW#scrollTo=mH_idvPEJYpd&printMode=true
```

```
from sklearn.preprocessing import StandardScaler
from sklearn.preprocessing import MinMaxScaler

x=df.drop(['Price','Date'],axis=1)
x.set_index(['id'],inplace=True)
y=df[['id','Price']]
x.head()
```

id	number of bedrooms	number of bathrooms	living area	lot area	number of floors	waterfront present	number of views	condition of the house	grade of the house	Area of the house(excluding basement)	Area of the basement	Built Year	Renov
6762810145	5	2.50	3650	9050	2.0	0	4	5	10	3370	280	1921	
6762810635	4	2.50	2920	4000	1.5	0	0	5	8	1910	1010	1909	
6762810998	5	2.75	2910	9480	1.5	0	0	3	8	2910	0	1939	
6762812605	4	2.50	3310	42998	2.0	0	0	3	9	3310	0	2001	
6762812919	3	2.00	2710	4500	1.5	0	0	4	8	1880	830	1929	

y.head()

 \square

```
id
                         Price
                                  丽
      0 6762810145 2380000
      1 6762810635 1400000
      2 6762810998 1200000
      3 6762812605
                       838000
      4 6762812919
                       805000
from sklearn.model_selection import train_test_split
from sklearn.ensemble import RandomForestRegressor
from sklearn.ensemble import GradientBoostingRegressor
from sklearn.metrics import r2_score
x\_train, x\_test, y\_train, y\_test = train\_test\_split(x,y['Price'], test\_size = 0.1, random\_state=2)
\verb|model = GradientBoostingRegressor(n_estimators=400, \verb|max_depth=5|, \verb|min_samples_split=2|, learning_rate=0.1|)|
model.fit(x_train,y_train)
                        {\tt GradientBoostingRegressor}
      GradientBoostingRegressor(max_depth=5, n_estimators=400)
y_pred = model.predict(x_test)
model.score(x_test,y_test)
     0.9129405525895395
r2_score(y_pred,y_test)
     0.9027298453376191
y_pred
     array([497766.12740438, 244495.3776842 , 293819.40063242, ..., 698495.60350629, 297006.00386358, 245881.76921871])
y_pred_list = y['id'][-len(y_pred):].tolist()
y_pred_df=pd.DataFrame(y_pred_list,columns=['ID'])
y_pred_df['Predicted Price']= y_pred.round(2)
y_pred_df
```

	ID	Predicted Price	
0	6762811233	497766.13	ıl.
1	6762811403	244495.38	
2	6762811775	293819.40	
3	6762811861	397555.35	
4	6762812009	474843.29	
1457	6762830250	1041014.57	
1458	6762830339	317512.59	
1459	6762830618	698495.60	
1460	6762830709	297006.00	
1461	6762831463	245881.77	

1462 rows × 2 columns