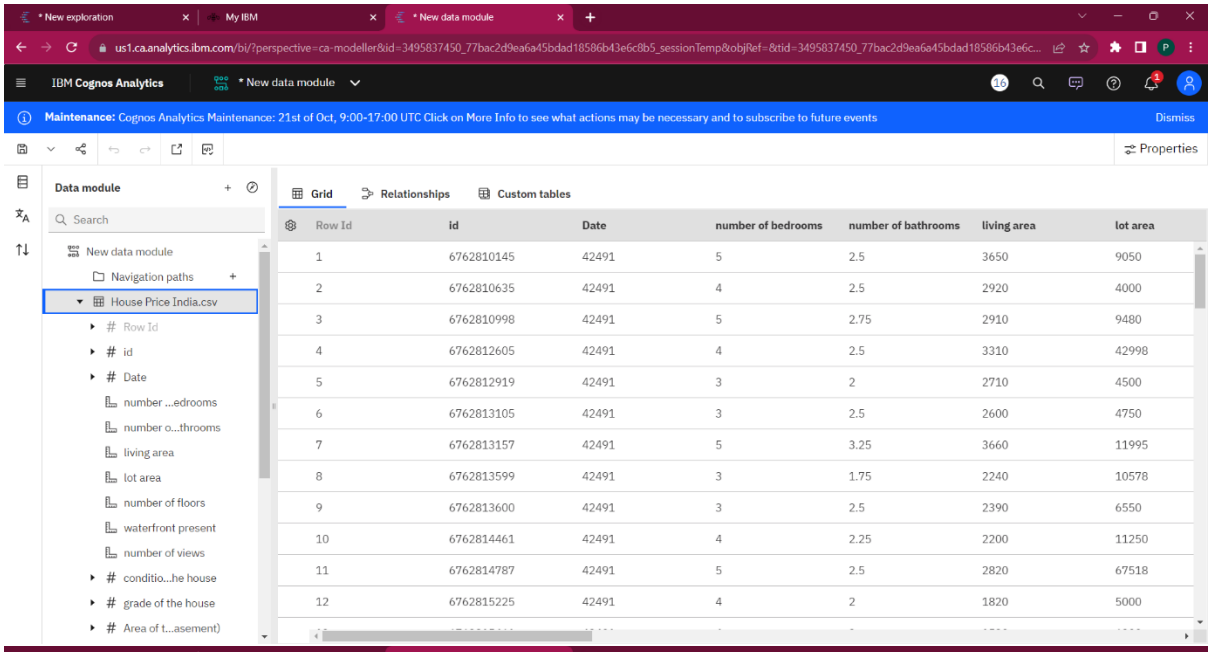
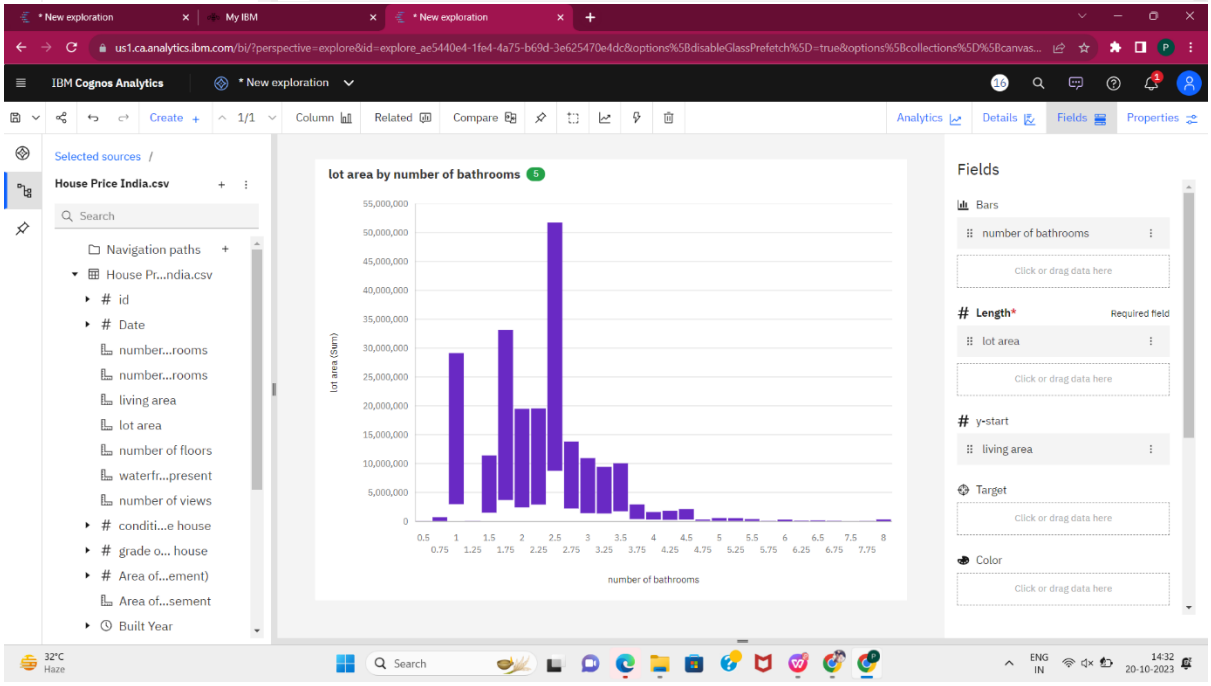
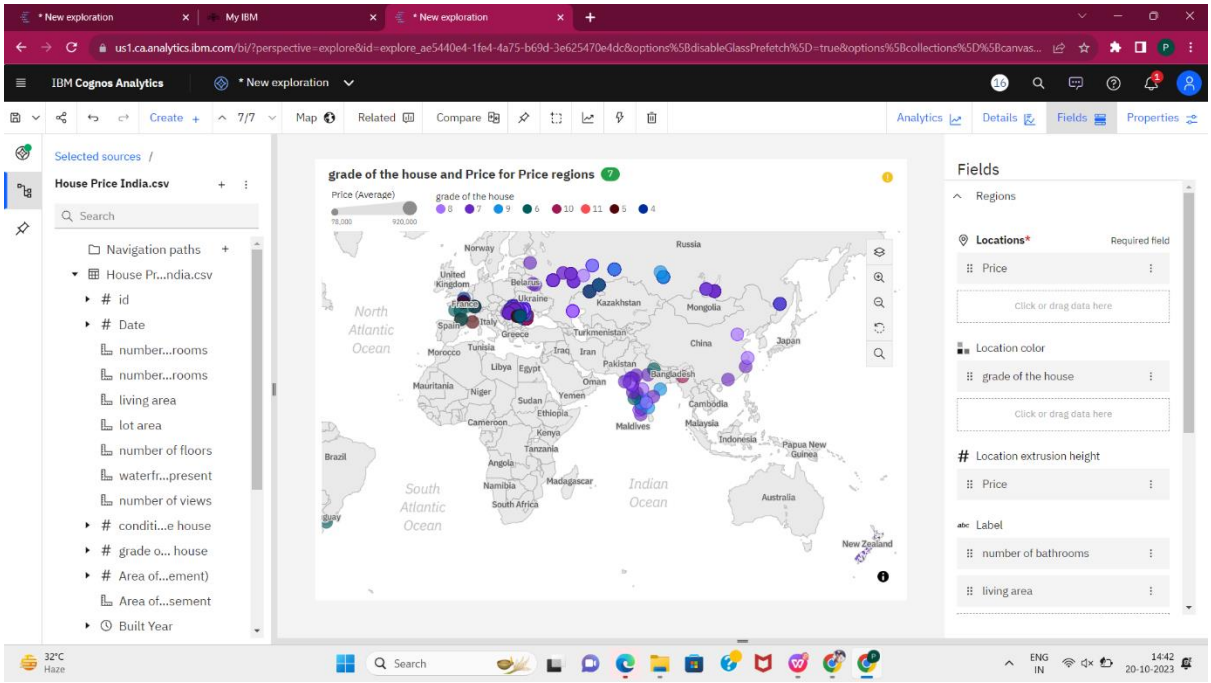

* New exploration
My IBM
* New data module
us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=3495837450_77bac2d9ea6a45bdad18586b43e6c8b5_sessionTemp&objRef=&tid=3495837450_77bac2d9ea6a45bdad18586b43e6c...
IBM Cognos Analytics
* New data module
Maintenance: Cognos Analytics Maintenance: 21st of Oct, 9:00-17:00 UTC Click on More Info to see what actions may be necessary and to subscribe to future events
Dismiss
Properties
Data module
Search
New data module
Navigation paths
House Price India.csv
Row Id
id
Date
number ...edrooms
number o...throoms
living area
lot area
number of floors
waterfront present
number of views
conditio...he house
grade of the house
Area of t...asement)
Grid
Relationships
Custom tables
Row Id
id
Date
number of bedrooms
number of bathrooms
living area
lot area
1 6762810145 42491 5 2.5 3650 9050
2 6762810635 42491 4 2.5 2920 4000
3 6762810998 42491 5 2.75 2910 9480
4 6762812605 42491 4 2.5 3310 42998
5 6762812919 42491 3 2 2710 4500
6 6762813105 42491 3 2.5 2600 4750
7 6762813157 42491 5 3.25 3660 11995
8 6762813599 42491 3 1.75 2240 10578
9 6762813600 42491 3 2.5 2390 6550
10 6762814461 42491 4 2.25 2200 11250
11 6762814787 42491 5 2.5 2820 67518
12 6762815225 42491 4 2 1820 5000


* New exploration
My IBM
* New exploration
us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_ae5440e4-1fe4-4a75-b69d-3e625470e4dc&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5Bcanvas...
IBM Cognos Analytics
* New exploration
Create
1/1
Column
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
House Price India.csv
Search
Navigation paths
House Pr...ndia.csv
id
Date
number...rooms
number...rooms
living area
lot area
number of floors
waterfr...present
number of views
conditi...e house
grade o... house
Area of...ement)
Area of...sement
Built Year
lot area by number of bathrooms
5
lot area (Sum)
55,000,000
50,000,000
45,000,000
40,000,000
35,000,000
30,000,000
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7.5 8
0.75 1.25 1.75 2.25 2.75 3.25 3.75 4.25 4.75 5.25 5.75 6.25 6.75 7.75
number of bathrooms
Fields
Bars
number of bathrooms
Click or drag data here
Length*
Required field
lot area
Click or drag data here
y-start
living area
Target
Click or drag data here
Color
Click or drag data here
32°C
Haze
Search
ENG
IN
14:32
20-10-2023


IBM Cognos Analytics
* New exploration
Create
7/7
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Related
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Details
Fields
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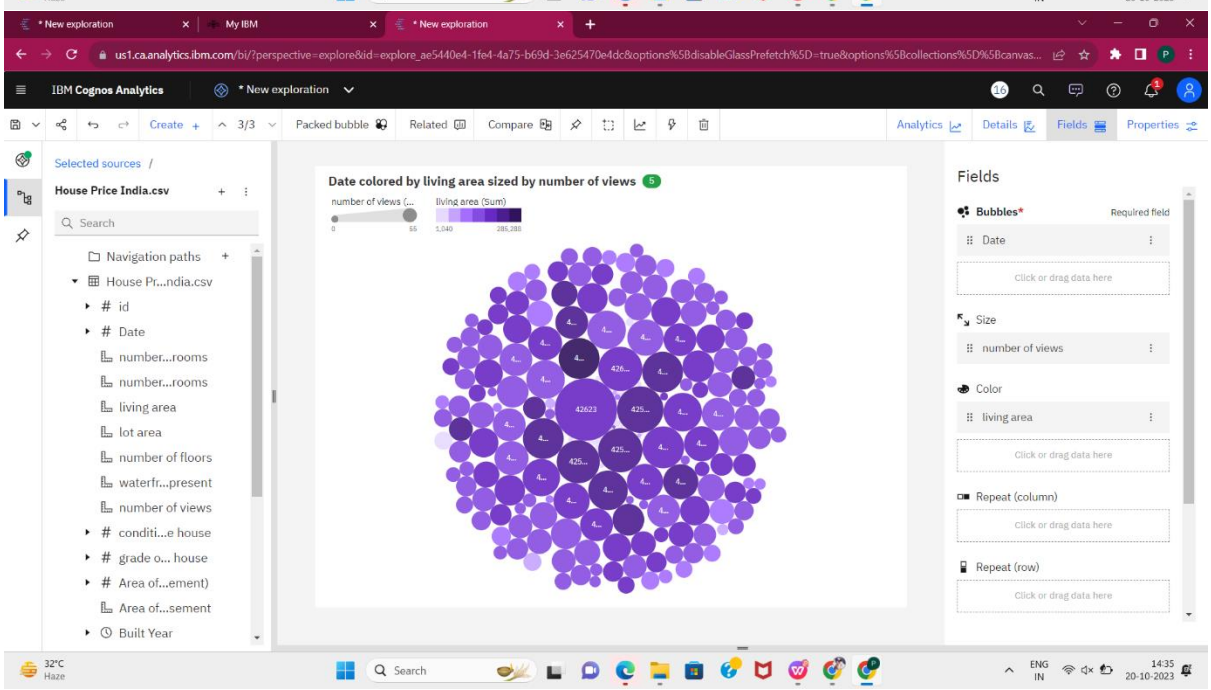
Selected sources
House Price India.csv
Search
Navigation paths
House Pr...ndia.csv
id
Date
number...rooms
number...rooms
living area
lot area
number of floors
waterfr...present
number of views
conditi...e house
grade o... house
Area of...ement)
Area of...sement
Built Year
grade of the house and Price for Price regions
Price (Average)
grade of the house
Fields
Regions
Locations*
Required field
Price
Click or drag data here
Location color
grade of the house
Location extrusion height
Price
Label
number of bathrooms
living area


IBM Cognos Analytics
* New exploration
Create
3/3
Packed bubble
Related
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Details
Fields
Properties
Selected sources
House Price India.csv
Search
Navigation paths
House Pr...ndia.csv
id
Date
number...rooms
number...rooms
living area
lot area
number of floors
waterfr...present
number of views
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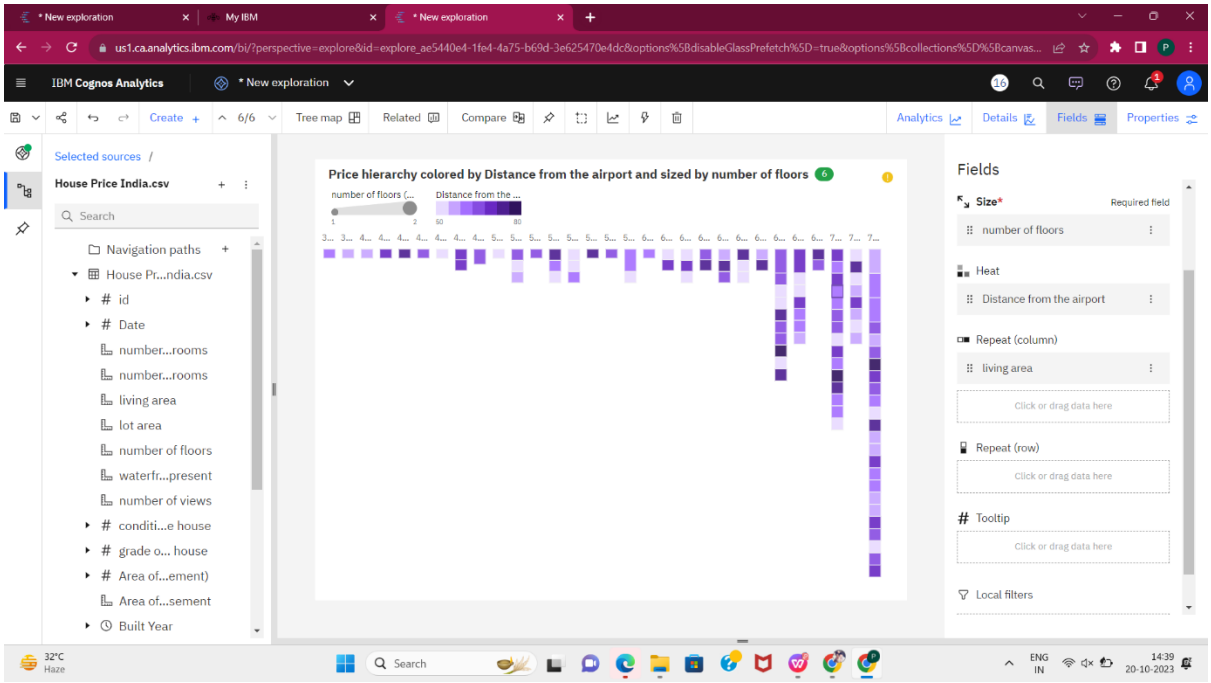
Area of...ement)
Area of...sement
Built Year
Date colored by living area sized by number of views
number of views (...
living area (Sum)
Fields
Bubbles*
Required field
Date
Click or drag data here
Size
number of views
Color
living area
Repeat (column)
Repeat (row)


IBM Cognos Analytics
* New exploration
Create
Tree map
Related
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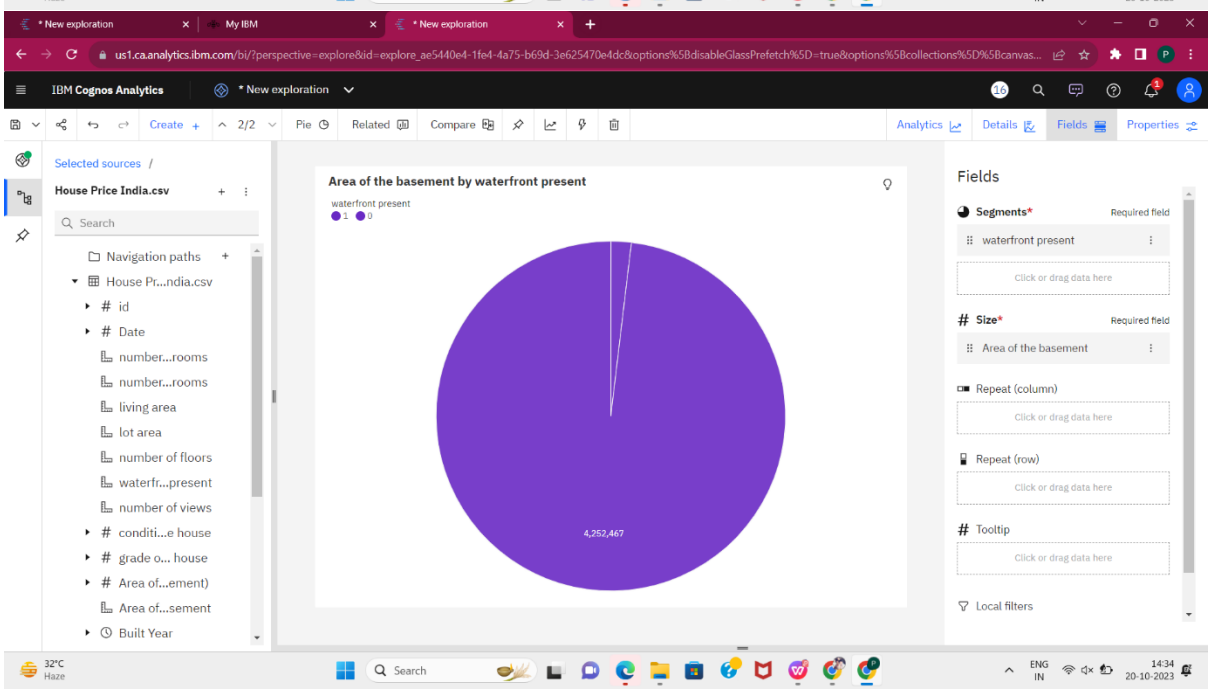
Analytics
Details
Fields
Properties
Selected sources
House Price India.csv
Search
Navigation paths
House Pr...ndia.csv
id
Date
number...rooms
number...rooms
living area
lot area
number of floors
waterfr...present
number of views
conditi...e house
grade o... house
Area of...ement)
Area of...sement
Built Year
Price hierarchy colored by Distance from the airport and sized by number of floors
number of floors (...
Distance from the ...
Fields
Size*
Required field
number of floors
Heat
Distance from the airport
Repeat (column)
living area
Click or drag data here
Repeat (row)
Tooltip
Local filters
32°C
Haze
Search
ENG
IN
14:39
20-10-2023


IBM Cognos Analytics
* New exploration
Create
Pie
Related
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Details
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House Price India.csv
Search
Navigation paths
House Pr...ndia.csv
id
Date
number...rooms
number...rooms
living area
lot area
number of floors
waterfr...present
number of views
conditi...e house
grade o... house
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Area of...sement
Built Year
Area of the basement by waterfront present
waterfront present
1
0
4,252,467
Fields
Segments*
Required field
waterfront present
Size*
Required field
Area of the basement
Repeat (column)
Repeat (row)
Tooltip
Local filters
32°C
Haze
Search
ENG
IN
14:34
20-10-2023

jupyter DA PRO Last Checkpoint: an hour ago (autosaved)

File Edit View Insert Cell Kernel Widgets Help Not Trusted

Run Code

In [1]:
```
import pandas as pd
import numpy as np
df=pd.read_csv("House Price India.csv")
print(df.head())
```

```
           id   Date  number of bedrooms  number of bathrooms  living area  \
0  6762810145  42491                   5                 2.50         3650
1  6762810635  42491                   4                 2.50         2920
2  6762810998  42491                   5                 2.75         2910
3  6762812605  42491                   4                 2.50         3310
4  6762812919  42491                   3                 2.00         2710

   lot area  number of floors  waterfront present  number of views  \
0      9050               2.0                   0                4
1      4000               1.5                   0                0
2      9480               1.5                   0                0
3     42998               2.0                   0                0
4      4500               1.5                   0                0

   condition of the house  ...  Built Year  Renovation Year  Postal Code  \
0                       5  ...        1921                0       122003
1                       5  ...        1909                0       122004
2                       3  ...        1939                0       122004
3                       3  ...        2001                0       122005
4                       4  ...        1929                0       122006

   Lattitude  Longitude  living_area_renov  lot_area_renov  \
0    52.8645   -114.557               2880            5400
1    52.8878   -114.470               2470            4000
2    52.8852   -114.468               2940            6600
3    52.9532   -114.321               3350           42847
4    52.9047   -114.485               2060            4500

   Number of schools nearby  Distance from the airport    Price
0                         2                         58  2380000
1                         2                         51  1400000
```

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Not Trusted | Python 3 (ipykernel)

Run Code

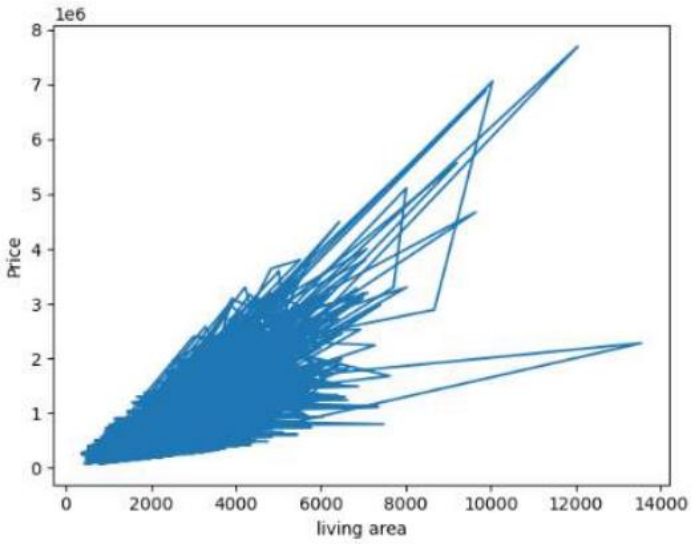
```
0    52.8645   -114.557              2880            5400
1    52.8878   -114.470              2470            4000
2    52.8852   -114.468              2940            6600
3    52.9532   -114.321              3350           42847
4    52.9047   -114.485              2060            4500

   Number of schools nearby  Distance from the airport    Price
0                         2                        58  2380000
1                         2                        51  1400000
2                         1                        53  1200000
3                         3                        76   838000
4                         1                        51   805000

[5 rows x 23 columns]
```

In [10]:
```
import matplotlib.pyplot as plt
plt.plot(df['living area'], df['Price'])
plt.xlabel('living area of House')
plt.ylabel('Price')
plt.show()
```

n [10]:
```
import matplotlib.pyplot as plt
plt.plot(df['living area'], df['Price'])
plt.xlabel('living area of House')
plt.ylabel('Price')
plt.show()
```



```
plt.bar(df['Distance from the airport'],df['Price'])
plt.xlabel('Distance from the airport')
plt.ylabel('Price for Home')
plt.show()
```