

Inbox

15M

AI Assig

Saunmya

Welcom

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dataset

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GitHub

New lab

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Files

+ Code

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✓ [4]

14616 219200

14617 209000

14618 205000

14619 146000

[14620 rows x 23 columns]

✓ [5]

dataset.head()

sample_data

House Price India.csv

archive.zip

	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	Pos C
0	6762810145	42491	5	2.50	3650	9050	2.0	0	4	5	...	1921	0	122
1	6762810635	42491	4	2.50	2920	4000	1.5	0	0	5	...	1909	0	122
2	6762810998	42491	5	2.75	2910	9480	1.5	0	0	3	...	1939	0	122
3	6762812605	42491	4	2.50	3310	42998	2.0	0	0	3	...	2001	0	122
4	6762812919	42491	3	2.00	2710	4500	1.5	0	0	4	...	1929	0	122

5 rows x 23 columns

Disk

84.30 GB available

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5 rows x 23 columns

[7] import matplotlib.pyplot as plt

[12] dataset.isnull()

	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
0	False	False	False	False	False	False	False	False	False	False	...	False	False	False
1	False	False	False	False	False	False	False	False	False	False	...	False	False	False
2	False	False	False	False	False	False	False	False	False	False	...	False	False	False
3	False	False	False	False	False	False	False	False	False	False	...	False	False	False
4	False	False	False	False	False	False	False	False	False	False	...	False	False	False

Disk

84.30 GB available

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Files

RAM
Disk

Os [15]

id Date number of bedrooms number of bathrooms living area lot area number of floors waterfront present number of...

count 1.462000e+04 14620.000000 14620.000000 14620.000000 14620.000000 1.462000e+04 14620.000000 14620.000000 14620.000000 14620.000000

mean 6.762821e+09 42604.538646 3.379343 2.129583 2098.262996 1.509328e+04 1.502360 0.007661 0.200000

std 6.237575e+03 67.347991 0.938719 0.769934 928.275721 3.791962e+04 0.540239 0.087193 0.760000

min 6.762810e+09 42491.000000 1.000000 0.500000 370.000000 5.200000e+02 1.000000 0.000000 0.000000

25% 6.762815e+09 42546.000000 3.000000 1.750000 1440.000000 5.010750e+03 1.000000 0.000000 0.000000

50% 6.762821e+09 42600.000000 3.000000 2.250000 1930.000000 7.620000e+03 1.500000 0.000000 0.000000

75% 6.762826e+09 42662.000000 4.000000 2.500000 2570.000000 1.080000e+04 2.000000 0.000000 0.000000

max 6.762832e+09 42734.000000 33.000000 8.000000 13540.000000 1.074218e+06 3.500000 1.000000 4.000000

8 rows x 23 columns

84.30 GB available

import matplotlib.pyplot as plt

Files

sample_data

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archive.zip

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+ Text

RAM

Disk

[4]

14619

146000

[14620 rows x 23 columns]

dataset.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	Pos C
0	6762810145	42491	5	2.50	3650	9050	2.0	0	4	5	...	1921	0	122
1	6762810635	42491	4	2.50	2920	4000	1.5	0	0	5	...	1909	0	122
2	6762810998	42491	5	2.75	2910	9480	1.5	0	0	3	...	1939	0	122
3	6762812605	42491	4	2.50	3310	42998	2.0	0	0	3	...	2001	0	122
4	6762812919	42491	3	2.00	2710	4500	1.5	0	0	4	...	1929	0	122

5 rows x 23 columns

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Files

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archive.zip

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14618 1030 6621 1.0 0

14619 900 4770 1.0 0

number of views condition of the house ... Built Year \

0 4 5 ... 1921

1 0 5 ... 1909

2 0 3 ... 1939

3 0 3 ... 2001

4 0 4 ... 1929

...

14615 0 4 ... 1957

14616 0 4 ... 1968

14617 0 3 ... 1962

14618 0 4 ... 1955

14619 0 3 ... 1969

Renovation Year Postal Code Latitude Longitude living_area_renov \

0 0 122003 52.8645 -114.557 2880

1 0 122004 52.8878 -114.470 2470

2 0 122004 52.8852 -114.468 2940

3 0 122005 52.9532 -114.321 3350

4 0 122006 52.9047 -114.485 2060

...

14615 0 122066 52.6191 -114.472 2250

14616 0 122072 52.5075 -114.393 1540

14617 0 122056 52.7289 -114.507 1130

14618 0 122042 52.7157 -114.411 1420

14619 2009 122018 52.5338 -114.552 900

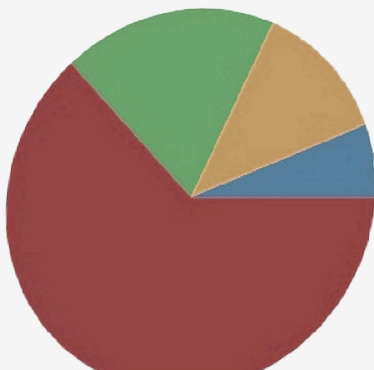
0s completed at 10:34 AM

84.30 GB available

+ Code + Text

Reconnect ▾ ^

```
plt.pie(data)
[ ]
[<matplotlib.patches.Wedge at 0x7fd41cf61d30>,
 <matplotlib.patches.Wedge at 0x7fd41cf61f70>,
 <matplotlib.patches.Wedge at 0x7fd41cf61370>,
 <matplotlib.patches.Wedge at 0x7fd41d70ca00>],
 [Text(1.0788638084435536, 0.2145993542177411, ''),
 Text(0.7778174593052024, 0.7778174593052023, ''),
 Text(-0.21459935421774104, 1.0788638084435536, ''),
 Text(-0.4209517756015994, -1.0162674857624152, '')]]
```



Files

sample_data

House Price India.csv

archive.zip

+ Code + Text

[4] 14619 146000

[14620 rows x 23 columns]

dataset.head()

RAM 100% Disk 100%

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	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	Pos C
0	6762810145	42491	5	2.50	3650	9050	2.0	0	4	5	...	1921	0	122
1	6762810635	42491	4	2.50	2920	4000	1.5	0	0	5	...	1909	0	122
2	6762810998	42491	5	2.75	2910	9480	1.5	0	0	3	...	1939	0	122
3	6762812605	42491	4	2.50	3310	42998	2.0	0	0	3	...	2001	0	122
4	6762812919	42491	3	2.00	2710	4500	1.5	0	0	4	...	1929	0	122

5 rows x 23 columns

Disk 84.30 GB available

Files

sample_data

House Price India.csv

archive.zip

+ Code + Text

0s

print(dataset)

14616	1680	7000	1.5	0
14617	1070	6120	1.0	0
14618	1030	6621	1.0	0
14619	900	4770	1.0	0

number of views

0	4
1	0
2	0
3	0
4	0
...	...
14615	0
14616	0
14617	0
14618	0
14619	0

condition of the house

...	5
...	5
...	3
...	3
...	4
...	...
...	4
...	4
...	3
...	4
...	3

Built Year

1921
1909
1939
2001
1929
...
1957
1968
1962
1955
1969

Renovation Year

0
1
2
3
4
...
14615
14616

Postal Code

122003
122004
122004
122005
122006
...
122066
122070

Latitude

52.8645
52.8878
52.8852
52.9532
52.9047
...
52.6191
52.5075

Longitude

-114.557
-114.470
-114.468
-114.321
-114.485
...
-114.472
-114.302

living_area_renov

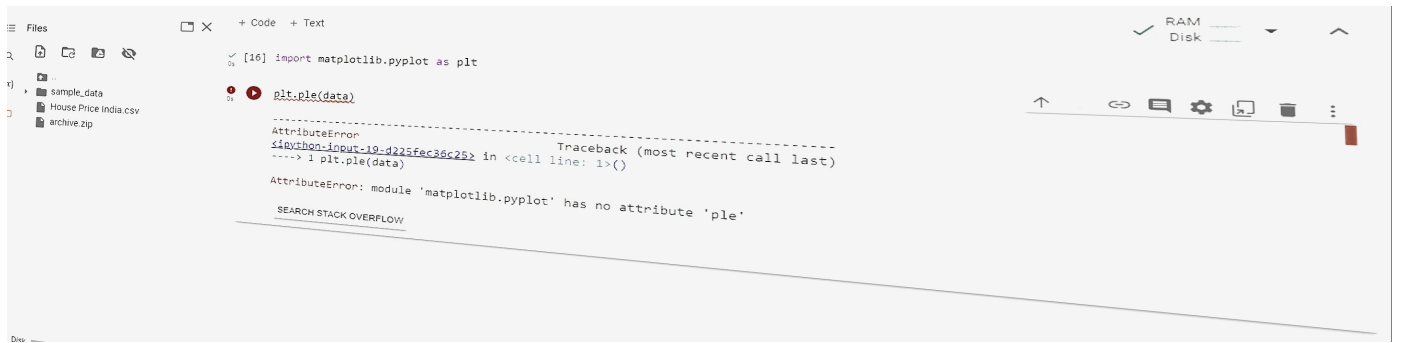
2880
2470
2940
3350
2060
...
2250
1740

0s completed at 10:44AM

RAM

Disk

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Files

sample_data

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archive.zip

dataset.describe()

	id	Date	number of bedrooms	number of bathrooms	living area	lot area	number of floors	waterfront present	number of units
count	1.462000e+04	14620.000000	14620.000000	14620.000000	14620.000000	1.462000e+04	14620.000000	14620.000000	14620.000000
mean	6.762821e+09	42604.538646	3.379343	2.129583	2098.262996	1.509328e+04	1.502360	0.007661	0.200000
std	6.237575e+03	67.347991	0.938719	0.769934	928.275721	3.791962e+04	0.540239	0.087193	0.760000
min	6.762810e+09	42491.000000	1.000000	0.500000	370.000000	5.200000e+02	1.000000	0.000000	0.000000
25%	6.762815e+09	42546.000000	3.000000	1.750000	1440.000000	5.010750e+03	1.000000	0.000000	0.000000
50%	6.762821e+09	42600.000000	3.000000	2.250000	1930.000000	7.620000e+03	1.500000	0.000000	0.000000
75%	6.762826e+09	42662.000000	4.000000	2.500000	2570.000000	1.080000e+04	2.000000	0.000000	0.000000
max	6.762832e+09	42734.000000	33.000000	8.000000	13540.000000	1.074218e+06	3.500000	1.000000	4.000000

8 rows x 23 columns

RAM

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