

Opis_nekretnina_analiza

August 1, 2025

```
[1]: import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

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[2]: stanovi = pd.read_excel("../datasets/opisnekretnina.xlsx")
```

```
[3]: stanovi.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10 entries, 0 to 9
Data columns (total 5 columns):
 #   Column      Non-Null Count  Dtype
---  -
 0   area        10 non-null     int64
 1   bedrooms    10 non-null     int64
 2   age         10 non-null     int64
 3   parking     10 non-null     int64
 4   price       10 non-null     int64
dtypes: int64(5)
memory usage: 532.0 bytes
```

```
[4]: stanovi.describe()
```

```
[4]:
```

	area	bedrooms	age	parking	price
count	10.000000	10.000000	10.000000	10.000000	10.000000
mean	3460.000000	3.500000	15.900000	1.800000	633500.000000
std	696.339636	1.354006	7.766738	0.788811	124589.325385
min	2300.000000	2.000000	8.000000	1.000000	500000.000000
25%	3050.000000	2.250000	10.250000	1.000000	538750.000000
50%	3450.000000	3.500000	13.500000	2.000000	585000.000000
75%	4075.000000	4.000000	19.500000	2.000000	735000.000000
max	4300.000000	6.000000	30.000000	3.000000	830000.000000

```
[5]: stanovi
```

```
[5]:
```

	area	bedrooms	age	parking	price
0	2300	2	10	2	510000
1	2600	2	20	1	530000

2	3000	2	15	2	565000
3	3200	3	18	1	580000
4	3300	3	11	2	660000
5	3600	4	30	3	500000
6	4000	4	8	1	760000
7	4100	5	8	2	810000
8	4200	4	27	1	590000
9	4300	6	12	3	830000

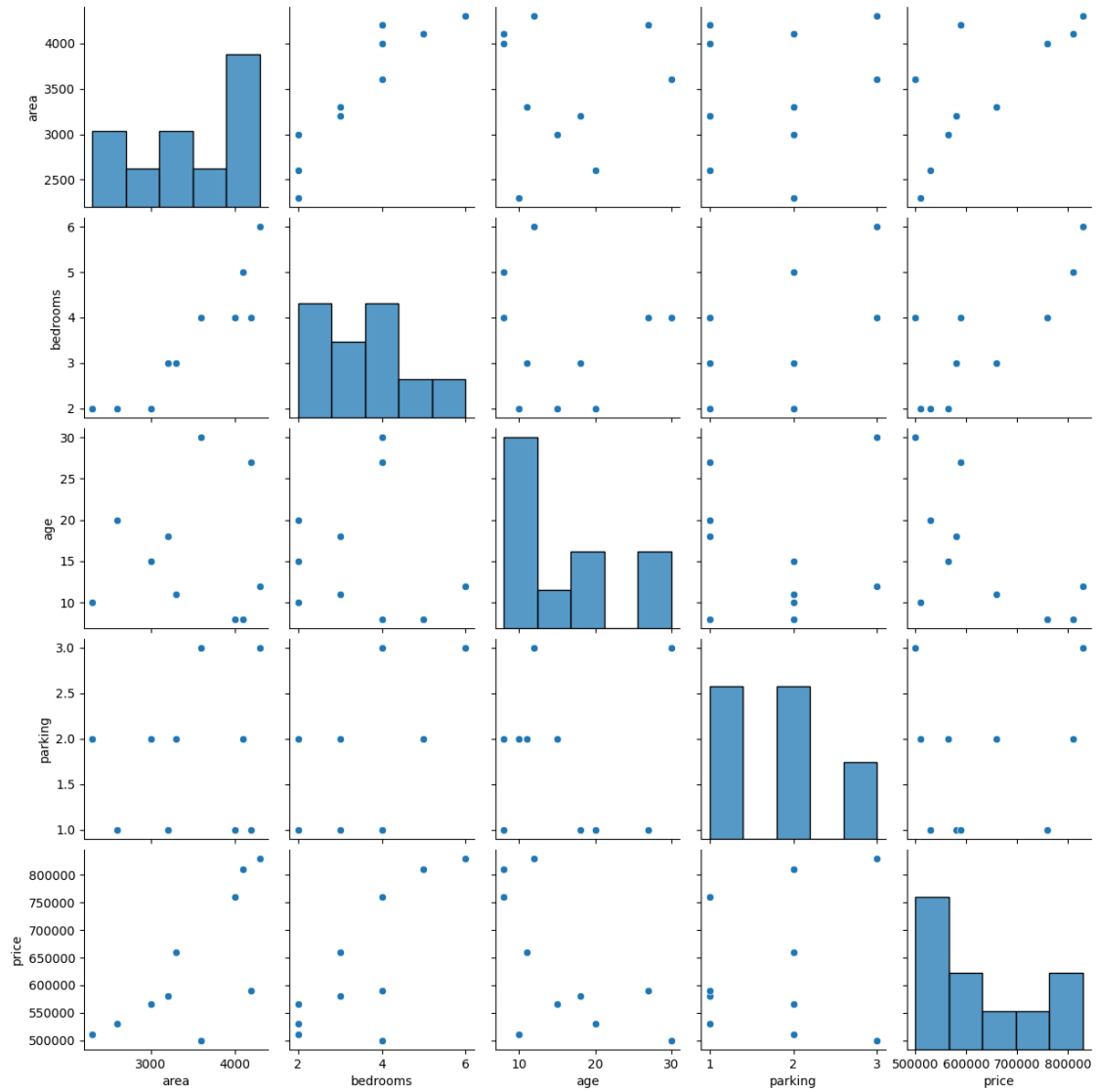
```
[6]: stanovi.corr(numeric_only=True)
```

```
[6]:
```

	area	bedrooms	age	parking	price
area	1.000000	0.907416	0.032050	0.165874	0.728604
bedrooms	0.907416	1.000000	-0.079243	0.416125	0.782149
age	0.032050	-0.079243	1.000000	0.014509	-0.620229
parking	0.165874	0.416125	0.014509	1.000000	0.154890
price	0.728604	0.782149	-0.620229	0.154890	1.000000

```
[7]: sns.pairplot(stanovi)
```

```
[7]: <seaborn.axisgrid.PairGrid at 0x7f00633738d0>
```



```
[8]: stanovi_novo = stanovi[['area', 'age', 'price']]
```

```
[9]: stanovi_novo.head()
```

```
[9]:   area  age  price
0  2300   10  510000
1  2600   20  530000
2  3000   15  565000
3  3200   18  580000
4  3300   11  660000
```