

kosarica_analiza

August 1, 2025

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

```
[2]: kosarica = pd.read_csv("../..../datasets/kosarica.csv")
```

```
[3]: kosarica.head()
```

```
[3]:      Unnamed: 0  Potrosacka_Kosarica      Brasno      Kruh      Jaja \
0              0          109.934283  78.742935   75.373042  62.537028
1              1           97.234714  70.868222   71.331122  39.395704
2              2          112.953771  84.482896   87.449175  65.172945
3              3          130.460597  96.591428  100.714856  78.786677
4              4           95.316933  59.833506   65.793199  51.792815

      Mlijeko  WC_Papir
0  64.349980  31.983760
1  43.456910  23.592977
2  57.438093  12.189833
3  60.607546   3.342008
4  43.313504  20.005043
```

```
[4]: kosarica.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 200 entries, 0 to 199
Data columns (total 7 columns):
#   Column                Non-Null Count  Dtype
---  -
0   Unnamed: 0            200 non-null   int64
1   Potrosacka_Kosarica   200 non-null   float64
2   Brasno                200 non-null   float64
3   Kruh                  200 non-null   float64
4   Jaja                  200 non-null   float64
5   Mlijeko               200 non-null   float64
6   WC_Papir              200 non-null   float64
dtypes: float64(6), int64(1)
memory usage: 11.1 KB
```

```
[5]: kosarica.describe()
```

```
[5]:
```

	Unnamed: 0	Potrosacka_Kosarica	Brasno	Kruh	Jaja \
count	200.000000	200.000000	200.000000	200.000000	200.000000
mean	99.500000	99.184581	69.858547	74.174831	49.681957
std	57.879185	18.620078	14.369457	14.592549	14.249402
min	0.000000	47.605098	28.416025	39.170577	9.727432
25%	49.750000	85.897447	60.450345	64.478716	40.093143
50%	99.500000	99.916162	70.887041	75.547470	49.625173
75%	149.250000	110.017049	78.340892	83.160794	59.141059
max	199.000000	154.403383	108.552938	119.500562	87.186801

	Mlijeko	WC_Papir
count	200.000000	200.000000
mean	50.874805	14.232752
std	13.134047	11.883473
min	20.419758	1.000000
25%	41.858106	3.363157
50%	50.783220	12.221374
75%	59.313462	22.275136
max	90.406954	47.421848

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

```
[6]:
```

	Unnamed: 0	Potrosacka_Kosarica	Brasno	Kruh \
Unnamed: 0	1.000000	0.071231	0.061833	0.063742
Potrosacka_Kosarica	0.071231	1.000000	0.939744	0.927381
Brasno	0.061833	0.939744	1.000000	0.926725
Kruh	0.063742	0.927381	0.926725	1.000000
Jaja	0.039902	0.700157	0.631522	0.664253
Mlijeko	-0.007715	0.686135	0.610029	0.624564
WC_Papir	-0.052879	0.008937	-0.004825	-0.012945

	Jaja	Mlijeko	WC_Papir
Unnamed: 0	0.039902	-0.007715	-0.052879
Potrosacka_Kosarica	0.700157	0.686135	0.008937
Brasno	0.631522	0.610029	-0.004825
Kruh	0.664253	0.624564	-0.012945
Jaja	1.000000	0.570602	0.005200
Mlijeko	0.570602	1.000000	0.074511
WC_Papir	0.005200	0.074511	1.000000

```
[7]: kosarica_novo = kosarica[["Potrosacka_Kosarica", "Brasno", "Kruh", "Jaja",  
↪ "Mlijeko"]]
```

```
[8]: kosarica_novo.head()
```

```
[8]: Potrosacka_Kosarica    Brasno      Kruh      Jaja      Mlijeko
0      109.934283    78.742935    75.373042    62.537028    64.349980
1      97.234714    70.868222    71.331122    39.395704    43.456910
2      112.953771    84.482896    87.449175    65.172945    57.438093
3      130.460597    96.591428    100.714856    78.786677    60.607546
4      95.316933    59.833506    65.793199    51.792815    43.313504
```

```
[9]: sns.pairplot(kosarica_novo)
```

```
[9]: <seaborn.axisgrid.PairGrid at 0x7f1fe2c14410>
```

