

```
dataFile.head()
```

	top-left-square	top-middle-square	top-right-square	middle-left-square	middle-middle-square	middle-right-square	bottom-left-square	bottom-middle-square	bottom-right-square
0	x	x	x	x	o	o	x	o	o
1	x	x	x	x	o	o	o	x	o
2	x	x	x	x	o	o	o	o	x
3	x	x	x	x	o	o	o	b	b
4	x	x	x	x	o	o	b	o	b

```
dataFile.info()
```

Zapisano pomyślnie.

$$\lceil (2, 2, 2, 2, 1, 1, 2, 1, 1), (2, 2, 2, 2, 1, 1, 1, 2, 1), (2, 2, 2, 2, 1, 1, 1, 1, 2), (2, 2, 2, 2, 1, 1, 1, 0, 0), (2, 2, 2, 2, 1,$$

[illegible]

```
for i in range(3,38):
    neigh = KNeighborsClassifier(n_neighbors=i,p=2)
    neigh.fit(x_train,y_train)
    neigh.score(x_test,y_test)
    print(i, " ",neigh.score(x_test,y_test))
```

Zapisano pomyślnie.

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Zapisano pomyślnie.

