

# Python Pandas dataframe - Primjeri

written by js | 2023-06-24

## Primjeri

### Dodaj nulti stupac koji postaje pandas dataframe index

```
DeijtaFreijm = DeijtaFreijm.reset_index()
```

### Prebroj recorde u dataframetu

(počinje od 0, dakle od "0 do 9" je 10 elemenata; podrazumijeva da ima "Index")

```
print(len(DeijtaFreijm.index))
```

### Dodaj 15 dana na dataframe timestamp

```
DeijtaFreijm["Earnings Date"][1] == 2023-05-06 00:00:00-04:00  
DatumKraj = DeijtaFreijm["Earnings Date"][1] +  
timedelta(days=15)  
DatumKraj == 2023-05-21 00:00:00-04:00
```

### Printaj drugi record, "okomito"

```
print (DeijtaFreijm.loc[1])
```

### Printaj drugi record, "vodoravno"

```
print (DeijtaFreijm.loc[[1]])
```

### Printaj drugi record, stupac "Mirko"

```
print (DeijtaFreijm.loc[1,"Mirko"])
```

### Ukloni stupac "Slavko"

```
DeijtaFreijm = DeijtaFreijm.drop("Slavko",axis=1)
```

### (Dodaj) stupac "Slavko", default vrijednost je 0

```
DeijtaFreijm ["Slavko"] = 0
```

**Pronađi redak u kojemu stupac “Mirko” ima vrijednost 123; ili string “abece”**

```
print (DeijtaFreijm.loc [ DeijtaFreijm["Mirko"] == 123 ])  
var3 = DeijtaFreijm.loc [ DeijtaFreijm["Mirko"] == "abece" ]
```

**(Dodaj) stupac “Matematika” je rezultat matematičke operacije nad stupcima “Mirko” i “Slavko”**

```
DeijtaFreijm ["Matematika"] = DeijtaFreijm ["Mirko"] /  
DeijtaFreijm ["Slavko"]
```

**Format stupca - postotak (%)**

Vrijednosti stupca “Postotak” su upisane u obliku “0.005458”. Želiš ih u obliku “0,55%”.

```
DeijtaFreijm['Postotak'] =  
pandas.Series(["{0:.2f}%".format(val * 100) for val in  
DeijtaFreijm['Postotak']], index = DeijtaFreijm.index)
```

**Kopiraj dataframe A u dataframe B**

```
DeijtaFreijmB = DeijtaFreijmA.copy()
```

**Kopiraj samo neke columnse iz dataframeta A u dataframe B**

```
DeijtaFreijmB = DeijtaFreijmA[["Stupac1", "Stupac7"]].copy()
```

**Pretvori dataframe “YYYY-mm-dd HH:MM:SS” u “YYYYmmdd” (YMD)**

```
DeijtaFreijm["Datum"] =  
DeijtaFreijm["Datum"].dt.strftime("%Y%m%d")
```

## Slike

“Okomito”

```
Earnings Date    2023-05-04 12:00:00-04:00  
EPS Estimate     1.43  
Reported EPS    1.52  
Surprise(%)     0.0603
```

“Vodoravno”

	Earnings Date	EPS Estimate	Reported EPS	Surprise(%)
5	2023-05-04 12:00:00-04:00	1.43	1.52	0.0603

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