

```
import pandas as pd
import numpy as np
ser=pd.Series()
data=np.array(['g','p','r','e','c'])
ser=pd.Series(data)
print(ser)

0    g
1    p
2    r
3    e
4    c
dtype: object
```

Assessing Data from Series

```
import pandas as pd
import numpy as np
data = np.array(['g','p','r','e','c','k', 'u','r','n','o','o','l'])
ser = pd.Series(data)
print(ser[:5])

0    g
1    p
2    r
3    e
4    c
dtype: object

import pandas as pd

df = pd.DataFrame()

print(df)

Empty DataFrame
Columns: []
Index: []

import pandas as pd
lst = ['Assam', 'Andhra Pradesh', 'Bhopal', 'Delhi',
      'Maharastra', 'Tamilnadu', 'Karnataka']
df = pd.DataFrame(lst)
print(df)

      0
0    Assam
1  Andhra Pradesh
2    Bhopal
3    Delhi
```

```
4      Maharashtra
5      Tamilnadu
6      Karnataka
```

```
import pandas as pd
data={"Name":["tom","bob","nick","jack"],"Age":[20,22,21,24]}
ser1=pd.DataFrame(data)
print(ser1)
```

	Name	Age
0	tom	20
1	bob	22
2	nick	21
3	jack	24

```
import pandas as pd
dict = {'name':['aparna', "pankaj", "sudhir", "Geeku"],
        'degree': ["MBA", "BCA", "M.Tech", "MBA"],
        'score':[90, 40, 80, 98]}
df = pd.DataFrame(dict)
print(df)
```

	name	degree	score
0	aparna	MBA	90
1	pankaj	BCA	40
2	sudhir	M.Tech	80
3	Geeku	MBA	98

```
import pandas as pd
data1={
    "calories": [420, 380, 390],
    "duration": [50, 40, 45]
}
ser2=pd.DataFrame(data1,index=['day1','day2','day3'])
print(ser2)
```

	calories	duration
day1	420	50
day2	380	40
day3	390	45

```
from google.colab import files
uploaded = files.upload()
```

<IPython.core.display.HTML object>

Saving sample.csv to sample (3).csv

```
print (uploaded['sample.csv'][:200].decode('utf-8') + '...')
```

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```

```
KeyError                                Traceback (most recent call  
last)  
<ipython-input-28-c27a2e660bec> in <cell line: 1>()  
----> 1 print (uploaded['sample.csv'][:200].decode('utf-8') + '...')  
  
KeyError: 'sample.csv'
```