

# LOAD

**Ex.No. :3**

**Date :**

**AIM:**

To load a dataset to perform load operation in jupyter notebook.

**SOFTWARE USED:**

Jupyter notebook

## LOAD

### DESCRIPTION:

1. To read a csv file.
2. Print the columns and shape in csv file.
3. To print a specific column.
4. Perform slicing.
5. Fetch particular person details.
6. Print data by condition.

### PROGRAM:

```
import pandas as pd  
  
d=pd.read_csv("/Users/student/Downloads/Emp - Sheet1.csv")  
  
print(d)
```

```
import pandas as pd  
  
d=pd.read_csv("/Users/student/Downloads/Emp - Sheet1.csv")  
  
df=pd.DataFrame(d)  
  
print("Columns",df.columns)  
  
print(df.shape)  
  
import pandas as pd  
  
d=pd.read_csv("/Users/student/Downloads/Emp - Sheet1.csv")  
  
df=pd.DataFrame(d)  
  
print("Name:\n",df['First Name'])
```

```
import pandas as pd

d=pd.read_csv("/Users/student/Downloads/Emp - Sheet1.csv")

df=pd.DataFrame(d)

print(df[0:5])
```

```
import pandas as pd

d=pd.read_csv("/Users/student/Downloads/Emp - Sheet1.csv")

df=pd.DataFrame(d)

print("Particular Person Details:\n",df.loc[3])
```

```
import pandas as pd

d=pd.read_csv("/Users/student/Downloads/Emp - Sheet1.csv")

df=pd.DataFrame(d)

print(df.loc[d['Salary']=="250000"])
```

### **OUTPUT:**

	First Name	Gender	LoginTime	Salary	Bonus	Team	Logout Time
0	Alin	Male	9:00	20000	5000	HR	5:00
1	Arul	Male	9:00	20000	2000	Finance	5:09
2	Ashik	Male	9:10	30000	5000	Product	6:00
3	Blesso	Male	9:40	20000	5000	Finance	5:10
4	Ansa	Female	9:00	25000	5000	HR	4:30
..	...	...	...	...	...	...	...
95	Logesh	Male	9:20	20000	9000	Product	4:59
96	Pradeep	Male	9:05	20000	2000	Finance	5:09
97	Mahin	Male	9:06	27000	5000	Product	6:00
98	Tina	Female	9:00	30000	4000	HR	5:01

[99 rows x 7 columns]  
Series to Data Frame:

```
Columns Index(['First Name', 'Gender', 'Login Time', 'Salary', 'Bonus(%)', 'Team',
              'Logout Time'],
              dtype='object')
(99, 7)
```

Name:

```
0    Alin
1    Arul
2    Ashik
3    Blesso
4    Ansa
...
94   Ansa
95   Logesh
96   Pradeep
97   Mahin
98   Tina
```

Name: First Name, Length: 99, dtype: object

	First Name	Gender	LoginTime	Salary	Bonus	Team	Logout Time
0	Alin	Male	9:00	20000	5000	HR	5:00
1	Arul	Male	9:00	20000	2000	Finance	5:09
2	Ashik	Male	9:10	30000	5000	Product	6:00
3	Blesso	Male	9:40	20000	5000	Finance	5:10
4	Ansa	Female	9:00	25000	5000	HR	4:30

Particular Person

Details: First Name

Blesso

Gender        Male

Login Time    9:40

Salary        20000

Bonus        5000

Team        Finance

Logout Time    5:10

Name: 3, dtype: object

First Name Gender Login Time Salary Bonus(%) Team Logout Time

13    Ansa Female    9:00 250000    5k HR    4:30

**Result:**

Thus load operations has been performed in a dataset.