

## PANDAS

**STEP1:- OPEN LIBRE OFFICE SPREAD SHEET**

**SEP2:- ENTER DATA**

**STEP3:- SAVE FILE WITH EXTENSION .CSV**

**STEP4:- TERMINAL JUPYTER NOTEBOOK**

**STEP5:- NEW**

**STEP6:- PYTHON FILE**

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```
import pandas as pd
df = pd.read_csv('/home/student/R/MLP/panda1.csv')
print(df)    print whole data

print(df.head(2))    print first 2 (from top)
print(df.tail(3))    print last 3 (from bottom)

print(df.info())    print whole data info

print(df.describe())    print mean,count,std,max,min of numeric data

df['newrollno']=[21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40
]
print(df)    to add another col. With data in frame

df['sumroll']=df.rollno + df.newrollno
print(df)    to sum roll numbers
```