

## CSV NOTES

```
import pandas as pd
```

```
import numpy as np
```

```
df1 = pd.read_csv(r'F:\desktop\GRADE XII  
PYTHON/SUPPLIER.csv')
```

```
print(df1)
```

```
print('*'*50)
```

```
'''
```

```
#PRINT PRICE IN ASCENDING OREDR
```

```
df2=df1.sort_values(by=['Unit_Price'])
```

```
print(df2)
```

```
#STORING SORTED VALUES TO NEW DATAFRAME NAMED  
ASCENDING SALES
```

```
unitprice=pd.DataFrame(df2)
```

```
unitprice.to_csv('F:\desktop\GRADE XII  
PYTHON/Ascendingsales.csv')
```

```
print(unitprice)
```

```
#Reading CSV file with specific Columns
```

```
df2 = pd.read_csv('F:\desktop\GRADE XII  
PYTHON/SUPPLIER.csv', usecols=['Supplier_Name', 'Area',  
'Unit_Price'])
```

```
print(df2)
```

```
print('*'*50)
```

```
'''
```

```
#Reading CSV file without Header
```

```
df3 = pd.read_csv('F:\desktop\GRADE XII  
PYTHON/SUPPLIER.csv', header=None)
```

```
print(df3)
```

```
print('*'*50)
```

```
#Reading CSV file without Index
```

```
df4 = pd.read_csv('F:\desktop\GRADE XII  
PYTHON/SUPPLIER.csv', index_col=0)
```

```
print(df4)
```

```
print('*'*50)
```

```
#Reading CSV file with new Column Names
```

```
new_names = ['S_IDENTITY', 'S_NAME' , 'PLACE', 'P_NAME',  
'COST']
```

```
df2 = pd.read_csv('F:\desktop\GRADE XII  
PYTHON/SUPPLIER.csv', skiprows=1, names=new_names)
```

```
print(df2)
```

```
'''
```

**#####Saving DataFrame as CSV File#####**

**dfE=pd.DataFrame({'Empno':[100,101,102,103,104,105,106,107,108,  
109,110,111,112],**

**'Name':['Sunita Sharma','Ashok Singhal',  
'Sumit Avasti','Jyoti Lamba','Martin S.','Binod Goel',**

**'Chetan Gupta','Sudhir Rawat','Kavita Sharma',  
'Tushar Tiwari','Anand Rathi','Sumit Vats','Manoj Kaushik'],**

**'Department':['RESEARCH','SALES','SALES',  
'RESEARCH','SALES','SALES','ACCOUNTS','RESEARCH',**

**'ACCOUNTS','SALES','OPERATIONS','RESEARCH','OPERATI  
ONS'],**

**'Salary':[45600,43900,27000,45900,32500,45200,36800,**

**37000,42900,49500,41600,47800,43600],**

**'Commission':[5600,3900,7000,4900,3500,4200,6800,7000,**

**4900,4500,8200,np.nan,np.nan],**

```
'Job':['CLERK','SALESMAN','SALESMAN','MANAGER',  
  
'SALESMAN','MANAGER','MANAGER','ANALYST','CLERK',  
  
'MANAGER','SR_MANAGER','SR_MANAGER','CLERK']})  
print(dfE)  
print('*'*50)  
  
dfE.to_csv('F:\desktop\GRADE XII PYTHON/EMPL.csv')
```

```
#To read the Emp.csv file into a DataFrame dfF  
print('*'*50)  
df1 = pd.read_csv('F:\desktop\GRADE XII  
PYTHON/EMPL.csv',index_col=0)  
print(df1)  
'''
```