

DATA TRANSFER BETWEEN CSV FILES/SQL DB & DATAFRAME

PROGRAMS

#save dataframe as csv in the working director

```
import pandas as pd
import numpy as np
raw_data = {'first_name': ['freya', 'Mohak', 'rajesh',
'manish', 'seema'],
            'last_name': ['dwivedi', 'dubey', "dwivedi",
'dadhich', 'sharma'],
            'age': [10, 11, 22, 15, 21],
            'test1score': [4, 24, 31, 33, 22],
            'test2score': ["22", "94", 57, 62, 70]}
df = pd.DataFrame(raw_data, columns = ['first_name',
'last_name', 'age', 'test1score', 'test2score'])
df.to_csv('example99.csv')
```

#Load a csv file to dataframe

```
import pandas as pd
import numpy as np
df = pd.read_csv('example99.csv')
print(df)
```

#Load a csv with without headers

```
import pandas as pd
import numpy as np
df = pd.read_csv('example99.csv',header=None)
print(df)
```

#Load a csv while specifying column names

```
import pandas as pd
import numpy as np
df = pd.read_csv('example99.csv', names=['UID', 'First
Name', 'Last Name', 'Age', 'First Test Score', 'Second
Test Score'])
print(df)
```

#Load a csv with setting the index column to UID

```
import pandas as pd
import numpy as np
df = pd.read_csv('example99.csv', index_col='UID',
names=['UID', 'First Name', 'Last Name', 'Age', 'First Test
Score', 'Second Test Score'])
print(df)
```

```
#Load a csv while setting the index columns to First  
#Name and Last Name  
import pandas as pd  
import numpy as np  
df = pd.read_csv('example99.csv', index_col=['First  
Name', 'Last Name'], names=['UID', 'First Name', 'Last  
Name', 'Age', 'First Test Score', 'Second Test Score'])  
print(df)
```

PYTHON.MYKVSAN