

ASSIGNMENT 3

PROBLEM STATEMENT:

Perform simple Extract Transform Load (ETL) functions with Python modules on two separate datasets and merge them into one.

Code:

```
In [21]: import pandas as pd
import numpy as np
df1=pd.read_csv("ds1.csv")
df2=pd.read_csv("ds2.csv")
display(df1)
display(df2)
df3=pd.merge(df1,df2,left_on="USN",right_on="SRN")
del df3["SRN"]
display(df3)
```

1)The contents of table 1

	USN	AGE	GENDER
0	111	20	M
1	222	30	F
2	333	43	M
3	444	21	F
4	555	54	M
5	666	65	F
6	777	76	F
7	888	47	M
8	999	43	F
9	1110	32	M
10	1221	48	F
11	1332	43	F
12	1443	33	F

2) The contents of table 2

	SRN	SALARY	NAME
0	10	0	Rahul
1	20	10000	Deepika
2	30	2000	Rithvik
3	40	3000	Supriya
4	666	43312	Sangam
5	60	312312	Aishwarya
6	70	5333	Meghana
7	80	29382	Pratik
8	555	13411	Kushi
9	111	1224	Ankit
10	222	9763	Richa
11	333	1234	Sanjana
12	444	67832	Shivani

3)Result

	USN	AGE	GENDER	SALARY	NAME
0	111	20	M	1224	Ankit
1	222	30	F	9763	Richa
2	333	43	M	1234	Sanjana
3	444	21	F	67832	Shivani
4	555	54	M	13411	Kushi
5	666	65	F	43312	Sangam
