

Lab 0

python program to import and export data using Pandas library functions - outputs

Method 1

```
➡ Sample data:
   USN   Name  Marks
0  257  Alice    25
1  258   Bob    30
2  259 Charlie    35
3  260  David    40
```

Method 2:

```
➡ Sample data:
   age   sex   bmi   bp   s1   s2   s3 \
0  0.038076  0.050680  0.061696  0.021872 -0.044223 -0.034821 -0.043401
1 -0.001882 -0.044642 -0.051474 -0.026328 -0.008449 -0.019163  0.074412
2  0.085299  0.050680  0.044451 -0.005670 -0.045599 -0.034194 -0.032356
3 -0.089063 -0.044642 -0.011595 -0.036656  0.012191  0.024991 -0.036038
4  0.005383 -0.044642 -0.036385  0.021872  0.003935  0.015596  0.008142

   s4   s5   s6  target
0 -0.002592  0.019907 -0.017646  151.0
1 -0.039493 -0.068332 -0.092204   75.0
2 -0.002592  0.002861 -0.025930  141.0
3  0.034309  0.022688 -0.009362  206.0
4 -0.002592 -0.031988 -0.046641  135.0
```

Method 3:

```
➡ Sample data:
   Product  Quantity  Price  Sales  Region
0  Laptop         5   1000   5000   North
1  Mouse        15    20    300    West
2  Keyboard     10    50    500    East
3  Monitor       8   200   1600   South
4  Laptop       12   950  11400   North
```

Method 4:

↗ Sample data:

	ID	No_Pation	Gender	AGE	Urea	Cr	HbA1c	Chol	TG	HDL	LDL	VLDL	\
0	502	17975	F	50	4.7	46	4.9	4.2	0.9	2.4	1.4	0.5	
1	735	34221	M	26	4.5	62	4.9	3.7	1.4	1.1	2.1	0.6	
2	420	47975	F	50	4.7	46	4.9	4.2	0.9	2.4	1.4	0.5	
3	680	87656	F	50	4.7	46	4.9	4.2	0.9	2.4	1.4	0.5	
4	504	34223	M	33	7.1	46	4.9	4.9	1.0	0.8	2.0	0.4	

	BMI	CLASS
0	24.0	N
1	23.0	N
2	24.0	N
3	24.0	N
4	21.0	N

To do 2:

Stock Market Data Analysis – outputs



