

MACHINE LEARNING LAB0 OUTPUTS

TO-DO-1

Method 1:

Sample data:

	Name	Marks	USN
0	Alice	25	1BM22CS254
1	Bob	30	1BM22CS255
2	Charlie	35	1BM22CS256
3	David	40	1BM22CS257

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:

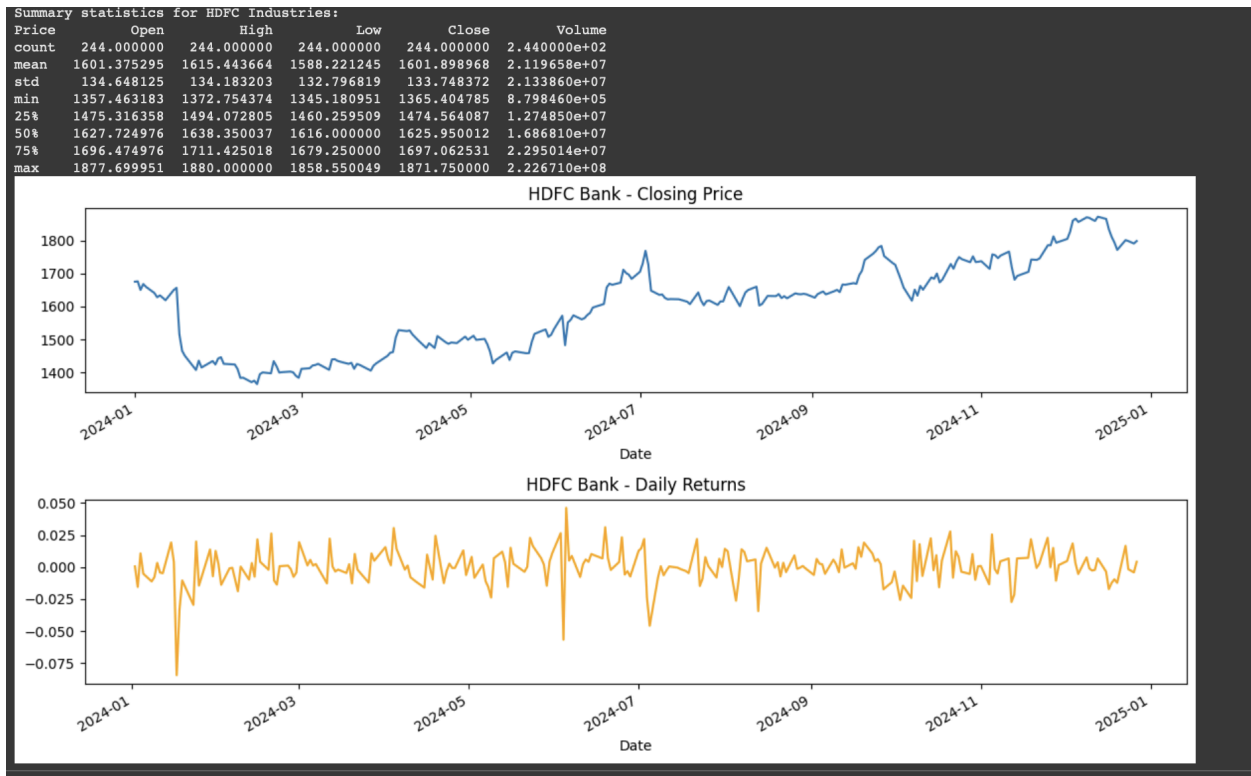
	ID	No_Pation	Gender	AGE	Urea	Cr	HbA1c	Chol	TG	HDL	LDL	VLDL	\
0	502	17975	F	50	4.7	46	4.9	4.2	0.9	2.4	1.4	0.5	
1	735	34221	M	26	4.5	62	4.9	3.7	1.4	1.1	2.1	0.6	
2	420	47975	F	50	4.7	46	4.9	4.2	0.9	2.4	1.4	0.5	
3	680	87656	F	50	4.7	46	4.9	4.2	0.9	2.4	1.4	0.5	
4	504	34223	M	33	7.1	46	4.9	4.9	1.0	0.8	2.0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

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

Method 4:

	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

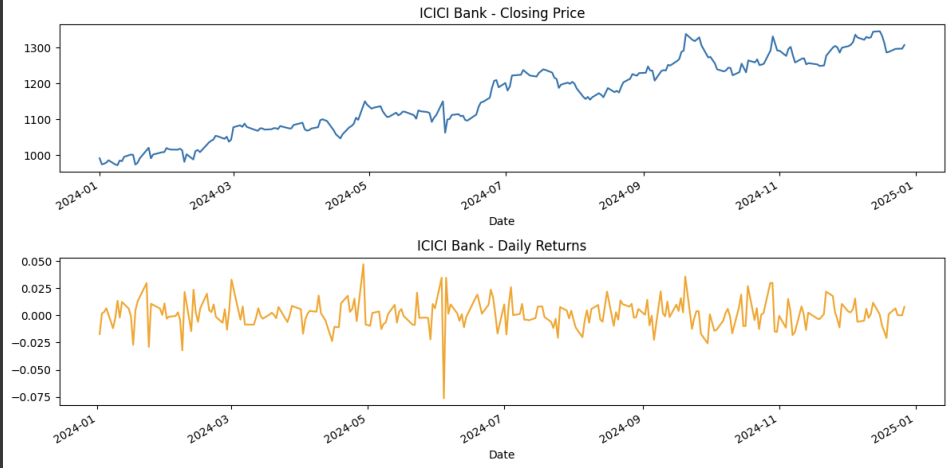
TO-DO-2



```
Summary statistics for ICICI Bank:
Price      Open      High      Low      Close      Volume
count  244.000000  244.000000  244.000000  244.000000  2.440000e+02
mean   1161.723560  1173.687900  1151.318979  1162.751791  1.539172e+07
std    104.905646  105.668229  105.083015  105.520481  9.503609e+06
min    965.637027  979.567116  961.869473  971.387512  1.007022e+06
25%    1073.818215  1085.368782  1067.386038  1075.107086  1.014533e+07
50%    1169.443635  1178.450012  1157.361521  1165.470703  1.291768e+07
75%    1248.512512  1261.399994  1236.649963  1250.812531  1.755770e+07
max    1344.900024  1362.349976  1340.050049  1346.099976  7.325777e+07

<ipython-input-20-67a75855d3a6>:50: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user\_guide/indexing.html#returning-a-view-versus-a-copy
ICICI_data['Daily Return'] = ICICI_data['Close'].pct_change()
```



```
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user\_guide/indexing.html#returning-a-view-versus-a-copy
KOTAK_data['Daily Return'] = KOTAK_data['Close'].pct_change()
```

