

MACHINE LEARNING LAB-1 OUTPUTS

TO-DO-OUTPUTS:

	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											

First few rows of the dataset:													
	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											
Missing values in each column:													
ID	0												
No_Pation	0												
Gender	0												
AGE	0												
Urea	0												
Cr	0												
HbA1c	0												
Chol	0												
TG	0												
HDL	0												
LDL	0												
VLDL	0												
BMI	0												
CLASS	0												
dtype: int64													
Cleaned and Scaled Data:													
	Gender	CLASS	ID	No_Pation	AGE	Urea	Cr	\					
5	0.0	0.0	0.706767	0.451762	0.354839	0.578947	0.619048						
6	0.0	0.0	0.744361	0.451775	0.354839	0.631579	0.369048						
7	1.0	0.0	0.911028	0.451788	0.322581	0.144737	0.071429						
13	0.0	0.0	0.130326	0.451881	0.161290	0.421053	0.321429						
14	0.0	0.0	0.170426	0.451894	0.290323	0.842105	0.714286						
	HbA1c	Chol	TG	HDL	LDL	VLDL	BMI						
5	0.230769	0.271186	0.170213	0.400000	0.306122	0.190476	0.10						
6	0.261538	0.559322	0.106383	0.466667	0.714286	0.095238	0.10						
7	0.161538	0.508475	0.212766	0.533333	0.551020	0.238095	0.25						
13	0.153846	0.610169	0.234043	0.666667	0.612245	0.238095	0.15						
14	0.261538	0.203390	0.319149	0.800000	0.061224	0.333333	0.20						