Date of performance: - 6/2/2024

Date of submission: - 16/2/2024

DATTA MEGHE COLLEGE OF ENGINEERING DEPARTMENT OF ARTFICIAL INTELLIGENCE AND DATA SCIENCE

MACHINE LEARNING CLASS: -TE Div NA Assignment 1

Q.No	Q	uestion		CO Covere d	BT Level
Q.1	Compare Supervised and unsuper	vised learning		CO1	L2
Q.2	following confusion matrix values	g confusion matrix values are given TP=40, TN=900, FP=30, Calculate Precision, Accuracy, F1 score, Recall		L3	
Q.3	Find Eigen values and Eigen vertex $\begin{vmatrix} -9 & 4 & 4 \\ -8 & 3 & 4 \\ -16 & 8 & 7 \end{vmatrix}$	ectors of the r	natrix.	CO2	L5
Q.4	Diagonalize			CO2	L5
Q.5	Explain multivariate regression	with an exar	nple	CO3	L5
Q.6	The following table shows Mid students for DBMS. Plot the be point on the same line. Mid-term exam (y) 72 50 81 74 94 86 59	st fit regressi		CO3	L5

R1	R2	R3
(2 Marks)	(2 Marks)	(1 Marks)