School of Business
Department of Business
Mid Term Examination

Exam Date: 29 Sep 2023
Time : 90 Minutes
Marks : 50

Sem V - D1UF504T - Machine Learning
Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

1)	ID3 comes under which type of machine learning algorithm ?	K2 (2)
2)	Explain Multiple Regression.	K1 (3)
3)	For the given data points X =(-2,3) ,Y=(3,6) .Find the value of manhattan distance.	K2 (4)
4)	What do you understand by class imbalance problem. Briefly explain.	K2 (6)
5)	Write down any two unsupervised techniques and their applications.	K3 (6)
6)	Differentiate classification and regression with suitable examples.	K3 (9)
7)	What are the different types of data used in ML. Give an example for each.	K4 (8)

8)	Explain Bagging and Boosting with a proper diagaram.	K4 (12)

OR

Define machine learning and its types with suitable example.	K4 (12)