

College Of Engineering Landran, Mohali
Department of Computer Science and Engineering

Assignment No.1

Subject and Subject code: Data Mining and Data Warehousing:(BTCS 702-18)

Semester: 6th

Date on which assignment given: 29/01/2024

Date of submission of assignment: 05/02/2024

Total Marks: 10

Course Outcomes

CO1	Illustrate the concept of data warehouse and data mining along with different data models.
CO2	Classify the mathematical foundations of data pre-processing and data mining challenges.
CO3	Demonstrate techniques for pattern prediction and analysis from large dataset
CO4	Evaluate the research and design of new Search engine Software.
CO5	Formulate the performance of various data mining algorithms.

Assignment related to COs		Marks	Relevance to CO No.	Bloom's Level
Q1.	Compare between databases and data ware house. Discuss multidimensional model with a diagram.	(1+1.5=2.5)	CO1	L2
Q2.	Summarize measures of similarity and dissimilarity? Explain OLAP in detail.	(1.5+1=2.5)	CO1	L5
Q3.	Classify the functionalities of Data Mining. Discuss various challenges evolved in data mining.	(1.5+1=2.5)	CO2	L4
Q4.	Elucidate the concept of Association Rules in Data mining. Describe Apriori Algorithm	(1.5+1=2.5)	CO3	L3

Subject Coordinator

IQAC Coordinator

HOD

