

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

Assignment No.2

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

Semester: 6th

Date on which assignment given: 15/03/2024

Date of submission of assignment: 22/03/2024

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.	What do you mean by KDD? What are the different steps involved in KDD? Explain in detail?			(1+2=3)	CO1	L2
Q2.	What do you mean by a search engine? Write characteristics and functionality of a search engine?			(1+1=2)	CO4	L5
Q3.	What is enterprise search? Discuss the functionality of enterprise search engine software?			(1+2=3)	CO2	L4
Q4.	Form clusters using clustering K-Means algorithm. Use appropriate distance formula.			(2)	CO5	L3
	RID	AGE	YEAR OF SERVICE			
	1	30	5			
	2	50	25			
	3	50	15			
	4	25	5			
	5	30	10			
	6	55	25			

Subject Coordinator

IQAC Coordinator

HOD