

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
(Even Semester-2022-23)

Department	:	Computer Technology	Semester	:	VI	Section	:	A/B
Subject	:	DWM(BTCT602T)	Assignment No	:	1	Topic	:	Units I,II,III
Date of Display	:	16/02/2023		:		Date of Submission	:	27/02/2023

Course Outcomes:

Upon the successful completion of the course, students will be able to:

CO1	Explain the data warehousing components, OLAP operations and design a data warehouse for organization.
CO2	Learn data mining concepts and discuss various techniques for data pre-processing.
CO3	Explore and illustrate different classification and data clustering techniques.

	Assignment 1	Mapping with COs	Marks
Q.1	a) Differentiate between: i) Data mart and metadata ii) OLTP and OLAP	CO1	6
	b) What is data model? Explain multidimensional data model in detail with real time example.		8
Q.2	a) Define data warehouse. Draw the architecture of data warehouse and explain the three tiers in detail.	CO1	9
Q.3	Describe the steps involved in data mining when viewed as a process of knowledge discovery.	CO2	7
Q.4	a) Explain various major issues and challenges in data mining in detail.	CO2	7
	b) Discuss: i) Data cleaning ii) Data integration		6
Q.5	a) Explain tree induction algorithm for building decision tree.	CO3	7
	b) Differentiate between hierarchical and non – hierarchical clustering		6

Mrs.R.A.Khan /Ms.Shreyanshi Patel
Subject Teacher

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