

Enroll No

Q.P. Code
UT 303L

Unit Test -I (2025-26)
 T.Y. B.Tech.-All Branch

Course Code: OE343

Course Name: Data Science

Day & Date: Wednesday 13/08/2025

Time:02.30pm to 03.30pm

Max Marks- 25

- Instructions:**
- 1) All questions are compulsory.
 - 2) Figures in rounded () brackets within the question, indicate the scheme of marking for respective part of the question, whereas, figures in the first right column indicate total marks for that whole question.
 - 3) CO is the index number of the Course Outcome statement.
 - 4) The Bloom's taxonomy level (BL) for 1,2,3,4,5 and 6 is remember, understand, apply, analyze, evaluate and create respectively.
 - 5) Assume suitable data if necessary.
 - 6) Use of non-programmable calculators is allowed

			Marks	BT Level	COs
Q.1	A	Analyze the concept of datafication (4 Marks) and highlight its significance in solving real-world challenges across various sectors. (2 Marks)	06	4	CO1
		OR			
	A	Summarize the current landscape and perspectives in the field of data science (4 Marks) and its focus on modern industry practices. (2 Marks)	06	2	CO1
	B	Illustrate the qualitative attribute (2 Marks) and evaluate its relevance in managing data during analysis. (5 Marks)	07	3	CO3
Q.2	A	Compare discrete and continuous attributes based on their data representation, value types, and applicability	06	4	CO2
		OR			
	A	Demonstrate the role of a target attribute in supervised learning by using a real-world dataset (3 Marks) and show its impact on classification or prediction outcomes. (3 Marks)	06	3	CO2
	B	Examine the core features of R programming used in data analysis (3 Marks) and mention basic syntax, data structures and common functions. (3 Marks)	06	4	CO1

