



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

OBJECTIVE QUESTIONS

Name of Course Instructor : Mr SVVD Jagadeesh & Ms. V. Sowjanya

Course Name & Code : Data Visualization & 23AD05

L-T-P Structure : 3-0-0

Program/Sem/Sec : B.Tech-AI&DS/V/A&B

Reg: R23

Cycle: 01

Credits: 03

A.Y.: 2025 - 2026

Q.No	Question Description	Unit	CO	BL
1	Define data visualization and why it is important?	1	1	L2
2	What are the characteristics of effective data visualization?	1	1	L2
3	Draw the neat diagram of Knowledge Discovery Pipeline.	1	1	L2
4	What is process involved in transforming raw data into a visual format?	1	1	L2
5	What are the steps in the visualization process?	1	1	L2
6	How do you deal with outliers in data visualization?	1	1	L2
7	List the Elements of Visual mapping?	2	2	L2
8	Draw the neat diagram of Visualization Reference Model.	2	2	L2
9	What are the steps to create a visual representation in data visualization.	2	2	L2
10	List different types of visual representations.	2	2	L2
11	Explain the consequences of information overload.	2	2	L2
12	List different types of visual analytics	2	2	L2

Title	Course Instructor	Course Coordinator	Module Coordinator	Head of the Department
Name of the Faculty	Mr. S.V.V.D.Jagadeesh	Ms. V. Sowjanya	Dr. V. Surya Narayana	Dr P Bhagath
Signature				