



ADITYA DEGREE COLLEGES KAKINADA

Data Visualization Using Tableau (B.Sc DS)

IV Sem - MID Exam - I

Marks : 60M

Time : 3 hr

SECTION - A

I Answer The Following Questions.

4 X 10 = 40M

1. (a) How to Join Tables in Tableau?
(or)
(b) How can I blend different data sources in a single worksheet using Tableau?
2. (a) What is a direct connection in Tableau, and how does it work?
(or)
(b) How to Create Visual Analytics with tableau desktop?
3. (a) How does the "Show Me" feature help in selecting appropriate visualizations in Tableau? Provide examples.
(or)
(b) What is the importance of using maps in Tableau visualizations, and what kind of data is suitable for maps?
4. (a) Discuss the benefits of using Gantt charts in Tableau. Provide an example of when it would be useful.
(or)
(b) What role do bullet graphs play in Tableau, and how are they different from bar charts?

SECTION - B

II Answer any Five of the Following.

5 X 4 = 20M

1. What are generated values in Tableau, and why are they useful?
2. What is the difference between a direct connection and an extract connection in Tableau?
3. What is data blending, and how does it differ from joining tables in Tableau?
4. Name three chart types available in Tableau and briefly explain their uses.
5. What are filters in Tableau, and how can they enhance a visualization?
6. Explain the purpose of hierarchies in Tableau and how they improve analysis.
7. How sort data in Tableau with example ?
8. What is the use of filters in Tableau ?