

BACHELOR OF TECHNOLOGY (CBCS) (2021-COURSE)
B. Tech. Sem - VIII Computer Science & Engineering AI & ML : SUMMER : 2025
SUBJECT: DATA VISUALIZATION

Day : Tuesday
Date : 27/05/2025

S-23995-2025

Time : 02:30 PM-05:30 PM
Max. Marks : 60

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Assume suitable data if necessary.
- 4) Draw neat diagrams **WHEREVER** necessary.

Q.1 Explain the different types of data with an example for each. (10)

OR

Q.1 Describe the pseudo code conventions with example for each (10)

Q.2 Evaluate the stages of Visualization Process with an Example. (10)

OR

Q.2 Explain Gibbs affordance theory with its problems. (10)

Q.3 Explain the methods for visualization of 3D spatial data with proper diagrams. (10)

OR

Q.3 Explain various techniques for Geo spatial data visualization. (10)

Q.4 Explain the various data sources that can be connected in tableau (10)

OR

Q.4 Describe any 5 date functions with their syntax and example. (10)

Q.5 Describe different methods for document collection visualization. (10)

OR

Q.5 Explain any three extended text visualization methods (10)

Q.6 Describe any 4 tools for virtual reality creation with its features (10)

OR

Q.6 Explain the types of VR with examples. (10)

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