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Code No: 138BJ

R16

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, July - 2021

AG AG AG DATA ANALYTICS AG AG AG A
(Common to CSE, IT)

Time: 3 hours

Max. Marks: 75

**Answer any Five Questions
All Questions Carry Equal Marks**

- 1.a) Explain design data architecture with a neat sketch. AG AG AG A
b) Discuss the concept of outliers with examples. [8+7]
- 2.a) Give an example to explain the identification of duplicate data. AG AG A
b) List and explain various types of data. [9+6]
3. Describe in detail about the need for business modeling. [15]
4. Explain in detail about various tools and environment for data analytics. [15] AG A
5. Give an example to explain how classification is done using logistic regression. [15]
- 6.a) Compare and contrast between supervised and unsupervised learning. AG AG A
b) Explain the concept of multiple decision trees. [8+7]
7. Explain in detail about pixel-oriented visualization techniques. [15] AG A
8. Describe in detail about the visualization of complex data and relations. [15]

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