R16

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech IV Year II Semester Examinations, September - 2020
DATA ANALYTICS
(Common to CSE, IT)

Time: 2 Hours **Max. Marks: 75**

Answer any Five Questions
All Questions Carry Equal Marks
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1. Explain in detail about Data pre-processing and Data processing. [15]

2. How to manage data which comes from various sources by ensuring data quality? Explain with real time example. [15]

3. Explain the applications of analytics in detail. [15]

4.a) Provide examples for the following types of data: nominal, ordinal, categorical, continuous, discrete.
  b) Briefly describe application of modeling in business. [8+7]

5. Make a comparison of ordinal least squares method and maximum likelihood estimation method with suitable example data. [15]

6.a) Describe Hosmer Lemeshow Test for goodness of fit for logistic regression models.
  b) What is the role of sigmoid function in regression models? Give illustrations. [8+7]

7. Explain CHAID algorithm for classification and also discuss its limitations. [15]

8. Describe the steps involved in data visualization in Tableau. [15]

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