

Code No.: DS403PC

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
II-B.TECH-II-Semester End Examinations (Regular) - June- 2022
INTRODUCTION TO DATA ANALYTICS
(CSD)

[Time: 3 Hours]

[Max. Marks: 70]

- Note:** 1. Answer any FIVE questions. Each question carries 14 marks.
2. All questions carry equal marks.
3. Illustrate your answers with NEAT sketches wherever necessary.

5X14=70

1. a) Explain in detail about various sources of data. [7M]
b) What are the Common data quality issues and how to overcome them? [7M]
Explain.
2. a) Define data Analytics. Explain various steps in data analytics. [7M]
b) Summarize types of data and variables in database. [7M]
3. What is regression? Explain various regression concepts. [14M]
4. a) Explain the concept of over fitting with suitable example. [7M]
b) Describe how features extracted from generated model and analyzed for prediction using suitable example. [7M]
5. a) Illustrate pixel oriented data visualization techniques. [7M]
b) Briefly explain about Icon based visualization techniques. [7M]
6. a) Discuss the Factors that influence data design architecture. [7M]
b) Explain the possible ways to handle missing values to improve the quality of the data. [7M]
7. Write a note on the following: [14M]
i. Missing imputations
ii. Application of modeling in business
8. Explain model building strategy for logistic regression. [14M]
