

B.Sc. (Data Science) Semester-II
BSCDS23 - Data Analysis

P. Pages : 1

Time : Two Hours



GUG/W/24/15263

Max. Marks : 40

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1. a) Define importance of Data Analysis in Decision Making. 4
- b) Differentiate Qualitative vs Quantitative types of data in details. 4
- OR**
- c) Explain Data Analysis in details. 4
- d) Explain Data Transformation and Normalization. 4
2. a) Discuss Measure of Central Tendency (Mean, Mode, Median). 4
- b) Explain Standard Deviation in details. 4
- OR**
- c) Explain Correlation and Regression Analysis in details. 4
- d) Define confidence Interval in details. 4
3. a) Explain Charts and Graphs in details. 4
- b) Explain Data Visualization Tools in details. 4
- OR**
- c) Explain Machine Learning in details. 4
- d) Explain Feature Engineering in details. 4
4. a) Explain Time Series Analysis in details. 4
- b) Explain Natural Language processing in details. 4
- OR**
- c) Explain Real World Application in Data Analysis in details. 4
- d) Define Clustering Analysis in details. 4
5. a) Explain Data Privacy and Security in details. 4
- b) Explain Responsible Data Practices in details. 4
- OR**
- c) Explain AI in Data Analysis in details. 4
- d) Explain Big Data and Cloud Computing in details. 4
