

Data Science & Analytics

UNIT –I (2 Marks)

1. Define Data Scientist and mention the skills required to be a data scientist.
2. List out the characteristics of big data
3. Differentiate descriptive and diagnostic analytics.
4. Define big data analytics.
5. Mention the types of digital data with example
6. What is In-Memory analytics?
7. List out various tools used for data analytics
8. Describe Shared Nothing Architecture?
9. Define Data Science Life Cycle?
10. Explain 5V's in Big Data Analytics?

UNIT-II(16 Marks)

- 1. Brief out various terminologies used in big data environment**
2. Elaborate the history and evolution of big data
- 3. Describe the characteristics of big data with suitable examples.**
4. Write in detail the phases of data science life cycle
5. Enumerate the skills required and the roles of the data scientist.
- 6. Illustrate with example the classification of digital data**
- 7. Explain the major challenges of handling big data.**