

DATA ANALYTICS ASSIGNMENT QUESTIONS

DAY - 6:

1.Explain the importance of data visualization in the decision-making process. Provide an example scenario where effective data visualization could enhance decision-making within a business context. Discuss specific types of visualizations that would be suitable for this scenario.

2.Define the different types of data and provide examples of each. How does the understanding of data types influence the choice of statistical analysis or visualization techniques in data exploration?

3.Explain the concept of measures of central tendency. Provide definitions for mean, median, and mode, and discuss scenarios where each measure would be most appropriate for describing the central tendency of a dataset.

4.A company wants to represent the distribution of employee salaries in different departments. Which type of data visualization would be most suitable for this scenario?

- a) Pie Chart
- b) Scatter Plot
- c) Histogram
- d) Line Chart