

DATA ANALYTICS ASSIGNMENT QUESTIONS

DAY - 5:

1.Explain the concept of Descriptive Analytics. Provide an example scenario where Descriptive Analytics can be applied to gain insights into a business process. Discuss the types of visualizations that could enhance the understanding of the data.

2.Define Diagnostic Analytics and highlight its significance in identifying the root causes of issues or trends observed in Descriptive Analytics. Provide an example where Diagnostic Analytics could be employed to investigate an unexpected decline in website traffic.

3.Differentiate between Predictive and Prescriptive Analytics. Provide a business scenario where Predictive Analytics can be applied, and another scenario where Prescriptive Analytics would be more beneficial. Discuss the potential impact on decision-making in each case.

4.A company analyzes its historical sales data to understand patterns and trends. Which type of analytics is the company primarily engaged in?

- a) Predictive Analytics
- b) Prescriptive Analytics
- c) Diagnostic Analytics
- d) Descriptive Analytics