

# DATA ANALYTICS ASSIGNMENT QUESTIONS

## DAY - 42:

1) You have been given a dataset containing sales and profit data for different product categories. Choose three visualizations from the list (e.g., Pie Chart, Scatter Plot, Treemap) and explain how you would use them to analyze and present insights.

2) You are tasked with presenting customer feedback data in a visually engaging way. Choose two innovative visualizations from the list (e.g., Word Cloud, Waterfall Chart) and describe how you would use them to convey customer sentiments.

3) For a comprehensive analysis of sales and performance over time, choose three advanced visualizations from the list (e.g., Multi-Vari Chart, Time Series Charts, Advanced Charts) and explain how you would use them to provide detailed insights.

4. In Tableau, what is a common use case for a Time Series Line Chart?

- a) Comparing multiple dimensions.
- b) Analyzing the distribution of data points.
- c) Visualizing trends over a period of time.
- d) Representing hierarchical structures.