

Subject: Vocational Skill in Accounting and Finance IV

**Semester II
FYBAF (A, B and C Division)
ASSIGNMENT**

Instructions:

1. Answer the following questions in the A4 Size assignment paper and attached the certificate.
2. All questions are compulsory

Module I: Data Visualisation

Answer the following

- 1) Discuss the need for line charts in financial data visualization and. Also give examples of their applications.
- 2) Explain advantages and disadvantages of pie charts for financial data visualisation.
- 3) Compare simple bar charts, grouped bar charts and stacked bar charts.
- 4) Analyse the role of candle charts in financial market analysis. Also discuss its limitations and advantages with examples.
- 5) Explain radar charts with their benefits and limitations.
- 6) Discuss the purpose and need for data visualization in modern data analysis.
- 7) Explain principles of effective data visualization.
- 8) Write a short note on challenges in data visualization.
- 9) What is the main goal of data visualisation?
- 10) Why is data visualisation important?
- 11) Name tools commonly used for data visualisation?
- 12) List any 4 principles of effective visualisation.

Module II: Creating Charts in Excel

Answer the following

- 1) Discuss the importance of customising charts in Excel and describe three chart elements that improve readability.
- 2) Describe Purpose of histograms in data analysis and explain how to create one in Excel.
- 3) Provide step-by step instructions to create a candlestick chart in Excel, including its interpretation and insights.