

Day 11 – 5 July 2024

Training Day 11 Report

Date: 5 July 2024

Topic: Plotting Graphs using Matplotlib

Summary:

Day 11 was dedicated to **practical graph plotting using Matplotlib**. We learned to create multiple plots in a single figure using **subplots**, adjust **figure sizes**, and control **plot layouts**. The trainer demonstrated how to highlight key data points using markers, colors, and annotations.

We practiced plotting datasets with multiple variables, comparing trends, and identifying anomalies. Exercises included plotting monthly sales trends, student scores across subjects, and visualizing distributions of categorical data.

Key Learnings:

- Created multiple plots using subplots.
- Adjusted figure size and layout for readability.
- Highlighted key points with markers and colors.
- Practiced presenting multiple datasets clearly.
- Strengthened data interpretation skills using visualizations.

Conclusion:

Day 11 improved my visualization skills. I can now create clear, informative plots to analyze data and communicate insights effectively.