Day 14 – 10 July 2024

Training Day 14 Report

Date: 10 July 2024
 Topic: Seaborn Visualization – Histograms, Barplots, Countplots

Summary:
 Day 14 focused on **practical plotting using Seaborn**. We created **histograms** to understand the distribution of numeric data, **barplots** for comparing categories, and **countplots** to visualize the frequency of categorical variables.

The trainer demonstrated customizing **titles, axis labels, and colors** to make plots informative. We practiced analyzing datasets such as student performance, sales data, and survey results, learning to interpret distributions, identify trends, and detect anomalies visually.

Key Learnings:

- Created histograms, barplots, and countplots in Seaborn.

- Customized plots with titles, labels, and colors.

- Analyzed distributions, trends, and frequency of data.

- Combined Seaborn plots with Pandas data for practical insights.

- Improved skills in interpreting visual data patterns.

Conclusion:
 Day 14 strengthened my understanding of data visualization using Seaborn. I now feel confident analyzing and presenting both numeric and categorical data.