# Explaining Concept of Matplotlib

**Matplotlib** and **Seaborn**, two of the most popular Python libraries for data visualization. These are essential tools in your AI and Data Science journey, especially when it comes to **exploring data**, **communicating insights**, and **building dashboards or reports**.

**🧠 What is Matplotlib?**

**➤ Definition:**

**Matplotlib** is a low-level, flexible data visualization library in Python. It allows you to create static, interactive, and animated plots like line charts, bar charts, histograms, scatter plots, etc.

**🧠 What is Seaborn?**

**➤ Definition:**

**Seaborn** is a high-level interface built on top of Matplotlib. It comes with **beautiful default styles** and built-in tools for statistical plots like boxplots, violin plots, correlation heatmaps, etc.