

## **World War II Statistics - Data Analysis Assignment**

This dataset represents a simplified collection of World War II statistics for different countries, covering various fronts and years between 1939 and 1945. The dataset includes numerical and categorical columns related to military strength, casualties, spending, and support levels.

### **Analytical Questions (using pandas)**

1. Find the total number of records (rows) and columns in the dataset.
2. Calculate the average number of soldiers deployed across all records.
3. Identify which country recorded the highest number of casualties overall.
4. Find the mean and standard deviation of the Victory\_Rate column.
5. Determine the total military spending by each country throughout the war period.

### **Visualization Questions (using Matplotlib)**

6. Plot a histogram of Victory\_Rate values to visualize the distribution.
7. Create a bar chart showing total casualties for each country.
8. Plot a scatter plot between Soldiers\_Deployed and Casualties to explore their relationship.
9. Create a bar chart comparing the average Allied\_Support\_Index for each country.
10. Plot a line graph showing average Military\_Spending\_USD\_Million per year across all countries.