Exploratory Data Analysis (EDA) - Titanic Dataset

7. Observations & Insights

- Females had higher survival rates than males.

- Younger passengers had slightly better survival chances.

- 1st class passengers were more likely to survive.

- Age and fare show weak correlation.

8. Summary of Findings

- Used .describe(), .info(), and .value_counts() to get an overview of the dataset.

- Visualized trends using seaborn plots like countplot, histplot, boxplot, and scatterplot.

- Identified survival patterns by sex, class, age, and fare.

- Explored correlations using heatmap and pairplot.