README – Exploratory Data Analysis (EDA)

This project performs Exploratory Data Analysis on the Titanic Dataset (or any chosen dataset) to uncover key insights, patterns, and trends using Python.

Tools Used:

Python

Pandas

Matplotlib

Seaborn

What's Inside:

Data cleaning & basic exploration (.info(), .describe(), value_counts())

Visualizations: histograms, boxplots, scatterplots, heatmaps, pairplots

Insights & observations for each chart

Summary of key findings

Jupyter Notebook + PDF report

Goal:

Gain a solid understanding of the dataset and identify patterns, correlations, and anomalies to support further analysis or modeling.