

Day – 10

Task – Basic EDA and identify survival patterns

Day – Monday

Date – 02nd March 2026

Time – 7:00 AM – 10:00 AM

Dataset – Titanic_train

Source – The dataset was downloaded from Kaggle.

- Downloaded given dataset from the source.
- Analyzed data using **MS-Excel** first.
- Imported dataset into **Jupyter lite** for further operations.
- Analyzed basic info of dataset by performing some basic operations.
- Checked for **duplicated values** and **missing values**.
- Dataset contains no duplicate values but some columns have missing values.
- Handled missing values and filled them with appropriate values.
- Saved the cleaned dataset.
- Calculated some value counts and mean of some columns for better visualizations.
- Plot visualizations for survival patterns of different columns.