

Titanic Dataset - EDA Summary Report

Dataset Overview

- Columns include Survived, Pclass, Sex, Age, Fare, etc.
- Missing values mainly in Age, Cabin, and Embarked.

Visual Insights

- Most passengers aged 20-40.
- 1st class had higher survival.
- Females had much better survival.
- Passengers from Cherbourg survived more.

Correlation Insights

- Fare and Pclass moderately correlated with survival.
- Age has slight correlation.

Key Findings

- About 38% passengers survived.
- Higher class and females had better survival.
- Younger passengers survived more often.
- Higher fares linked to survival.