

Project Title

Titanic Survival Prediction using Machine Learning

Problem Statement

Predict whether a passenger survived the Titanic disaster using passenger data.

Dataset Explanation

The dataset contains passenger information such as age, gender, class, and fare.

Steps Followed

Data cleaning, encoding categorical features, model training, and evaluation.

Model Used

Logistic Regression classification model.

Results

The model achieved good accuracy in predicting survival.

Conclusion

Machine Learning can effectively predict survival outcomes.