

Kaggle Competition Titanic Machine Learning from Disaster

Kaggle promotes the data science competition titled “Titanic Machine Learning from Disaster” for beginners to use machine learning to build models predicting which passengers survived the shipwreck.

About

This project derives from a Kaggle machine learning competition focusing on the sinking of the Titanic. Participants seek to answer the question, “What sorts of passengers were more likely to survive the sinking of the Titanic?” Models created include KNN, optimized KNN, random forest, logistic regression, and XGBoost.

Link

Dataset: <https://www.kaggle.com/competitions/titanic/data>

Setup

This Python coding project was constructed on Jupyter Notebook. Please import the following libraries:

- Matplotlib
- Numpy
- Pandas
- Seaborn
- Sklearn
- Xgboost