

TASK 1

TITANIC SURVIVAL PREDICTION

- Use the Titanic dataset to build a model that predicts whether a passenger on the Titanic survived or not. This is a classic beginner project with readily available data.
- The dataset typically used for this project contains information about individual passengers, such as their age, gender, ticket class, fare, cabin, and whether or not they survived.

Titanic Survival Prediction Dataset:

The Titanic dataset contains information about passengers on the Titanic, including whether they survived or not.

In the Titanic Survival Prediction model, we use various features (passenger class, age, gender,Port of Embarkation) to predict the target variable (survived)

Features :

1. Pclass (Passenger Class)
2. Age
3. Fare
4. Sex (Gender)
5. Embarked (Port of Embarkation)

Target:

1. Survived (0 = No, 1 = Yes)

Model Used : RandomForestClassifier