

## **Data Science Task**

## 1. Titanic Survival Prediction

**Click Here!** 

- Titanic Survival Prediction is a classic data science project based on the Titanic dataset, which contains information about passengers who were on board the Titanic, including whether they survived or not. The goal is to build a predictive model that can predict whether a passenger would have survived the Titanic disaster based on features like age, gender, ticket class, and more.
- This project typically involves data preprocessing, exploratory data analysis (EDA), feature engineering, and machine learning. You'll use algorithms like logistic regression, decision trees, or random forests for prediction.

## 2. Movie Rating Prediction

Click Here!

- Movie Rating Prediction is a project where you aim to build a recommendation system that predicts how a user would rate a movie based on their historical ratings and the ratings of similar users.
- This project involves data collection, data cleaning, and implementing recommendation algorithms. Common algorithms used include user-based collaborative filtering, item-based collaborative filtering, or matrix factorization techniques.

## 3. Iris Flower Classification

**Click Here!** 

- Iris Flower Classification is a classic machine learning task used for learning and practicing classification algorithms. The dataset contains features like sepal length, sepal width, petal length, and petal width for three different species of iris flowers.
- This project involves data preprocessing, model selection, and evaluation. You can use classification algorithms like logistic regression, decision trees, k-nearest neighbors (KNN), or support vector machines (SVM) for this classification task.