**Intro to data Science Project**

**Name of the students:-**

Atreya Raorane

Mugdha Shinde

Yash Bhavsar

**Project Name: -** Movie Success Prediction.

**Description:**

In this project, we will examine the ratings of the movies as well as the actor performance statistics. We can forecast the success of the new, future movies based on the previous data ratings. For this rating information, we will us Kaggle dataset, where we will obtain information regarding prior movie ratings.

**Problem Definition: -**

The movie industry is becoming a multi-billion-dollar industry. A person needs to be certain that a movie will be successful before deciding to invest in it.

**Solution:**

The project will use random forest method to analyse different factors and parameters in the dataset and to decide whether the movie will be successful or not. Other prediction methods can also be used such as linear regression to predict the movie success.

**Source:**

https://www.kaggle.com

**Hypothesis:**

At the end of this project we should be able to successfully predict weather the upcoming movie will be successful on box office or not.

**Algorithms**: Random Forest, Linear regression.