**ABSTRACT**

Success of a movie depends upon a lot of factors like good directors or excellent actors or story plotline. However, famous directors and actors can always bring an expected box-office income but cannot guarantee a highly rated imdb score. In the movie industry, the most common and high-priority question to be answered is “whether a particular movie with the specified cast in the selected genre will be a box office success or not?” Success of a movie depends up on a lot of factors like good directors or excellent actors or story plot-line. Now a days massive data generated from the search engines has widened the perspective of the market research and analysis in the imdb’s data

With the help of other parameters we will predict whether a movie is Hit, Average or Flop .Its success is based on the available massive IMDB data. The dataset contains 28 variables for 5043 movies, spanning across 100 years in 66 countries. There are 2399 unique director names, and thousands of actors/actresses. “imdb\_score” is the response variable while the other 27 variables are possible predictors.

**PROJECT MEMBERS:**

1. AJMAL N

2. NIMYA SUNIL

3. SINI JACOB

4. MISHAL M NAINA