**Movie Recommender Systems**

**Objective:** Recommend a movie, based on user ratings of the users and his preferences. Also explore the movie data to cluster the movies based on different factors. This could be ratings, name of the actor, director etc.

**Why would the client care about this problem?**

This project will show the data analytical skills possessed by me. This project will be done using R language and the different packages available in it.

**What data are you going to use for this? How will you acquire this data?**

For this, data available from imdb.com and Oscar award database would be used. The link for both the websites are given below:

1. <https://www.aggdata.com/awards/oscar>
2. <http://www.imdb.com/>

**In brief, outline your approach to solving this problem (knowing that this might change later ?**

The data would be cleaned to integrate different sources of data to form one table. Once the data is present in one table it would be used to create different types of scatter plots. There would be second part of the project where we will recommend the user few movies he would like to watch. These movies would be recommended on the basis of user rating of the movie on imdb and user’s choice of movies liked/recommended by him.

**What are your deliverables? Typically, this would include code, along with a paper and/or a slide deck.**

The project would consist of project report and code.