Meeting 14/09/20- Project Suggestion

# Dataset

‘The Movies Dataset’

* These files contain metadata for all 45,000 movies listed in the Full MovieLens Dataset. The dataset consists of movies released on or before July 2017. Data points include cast, crew, plot keywords, budget, revenue, posters, release dates, languages, production companies, countries, TMDB vote counts and vote averages.
* This dataset also has files containing 26 million ratings from 270,000 users for all 45,000 movies. Ratings are on a scale of 1-5 and have been obtained from the official GroupLens website.
* <https://www.kaggle.com/rounakbanik/the-movies-dataset>
* Possible relevant datasets to link: ‘TMDB 5000 Movie Dataset’: <https://www.kaggle.com/tmdb/tmdb-movie-metadata?select=tmdb_5000_movies.csv>

# Task

Create a movie recommender system for users to predict and recommend movies they will enjoy. Evaluate this system by predicting user ratings for movies and comparing to actual rating.

# Method

Primarily three recommender methods:

1. Content-based: recommend movies similar to those liked by the user.
2. Collaborative: recommend movies that were enjoyed by similar users (based on ratings of previously watched movies in common).
3. Demographical: recommends movies based on generalised demographical features, such as general or. Age
4. An amalgamation of collaborative and content based? Hybrid system?