**MACHINE LEARNING**

**Team Members:**

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**Title:** Movie Recommender System

**Area:** Recommender System

**Subarea:** Deep Learning

**Description:**

* Will be creating a system to recommend movies using collaborative filtering.
* In this system will show the similar movies to any user which other users also watched based on the user ratings.
* We will use pearson correlation to correlate.

**References:**

* <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7176109>
* <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8355454>

**Data Source:**

* <https://www.kaggle.com/grouplens/movielens-20m-dataset>
* The datasets describe ratings and free-text tagging activities from MovieLens, a movie recommendation service. It contains 20000263 ratings and 465564 tag applications across 27278 movies. These data were created by 138493 users between January 09, 1995 and March 31, 2015. This dataset was generated on October 17, 2016.