**Project Report**

Content Based Film Suggestion System using Machine Learning

Project Methodology and Procedures Involved:

I have built a movie recommender system using Machine Learning tool and also mad use of some Python tools to deploy it. Basically my model will make use of **Cosine Similarity**  and my model will check which all movies have similar type of content. My model focuses on tags column and make use of some NLP libraries like Count Vectorizer to extract the important context of the text. Then use these contexts in cosine similarity to check the similarity between the movies and recommend the top 5 best movies related to it. In order to deploy my model on web I made use of Python language and some of its libraries to deploy it on local host. The dataset used by me is tmdb\_5000\_credits.