

MOVIE RECOMMENDATION SYSTEM

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UPDATED PROBLEM STATEMENT

In this project we aim to make a movie recommendation system which provides accurate and personalized recommendations to users based on the mood of the user - happy, sad, etc. It then suggests the movies according to the user's mood and preference which would include the genre, cast of the movie, ratings of the movie, and would generate accurate and personalized recommendations. To make this system more interesting and fun, content-based filtering techniques should be used at the advantage of common factors of the users who have already watched the movie.

LITERATURE REVIEW

As we know, how hard it is to make a decision of which movie to watch according to our current mood. It is the process of identifying and choosing alternatives based on our preferences. Thus, the mood based movie recommendation system, to help the user make an effective decision in a very short duration. It can be done with the help of a strategy for collecting data of user's preferences on different moods. And some similar recommendations can be made as alternatives to choose from.

The user is provided with movie recommendations by the movie recommendation system on the basis of the data. It considers many attributes for recommendation like movies that the user has preferred in the past. A more preferred technique to use for data-filtering and analyzing is content based filtering. A content-based filtering system would choose movies on the basis of their correlation between the content and the user's preferences. For a large database, this system is more efficient, and is time-efficient. It would consider many factors such as genre, cast of the movie and its ratings. To make this system more personalized, it works on the preferred genres by the user.

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