

Project Progress Report: Movie Recommendation System

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Current Status:

As of now, I am making good progress on my movie recommendation system project, which is based on content-based filtering. Here's a quick overview of where things stand:

Project Development:

- **Dataset:** I have successfully acquired the dataset from Kaggle, which includes a wealth of movie metadata like titles, genres, cast, and ratings. The data is preprocessed, ensuring it's clean and ready for use.
- **Feature Extraction:** I've completed the feature extraction stage, where I built feature vectors using various movie attributes such as genre, cast, and director.
- **Similarity Calculation:** I'm currently working on implementing the cosine similarity calculations to determine how similar different movies are based on their features. This step is crucial for generating accurate recommendations.

Upcoming Tasks:

- I plan to finish the recommendation generation process soon, which involves selecting the top-5 movies similar to a user's chosen movie based on the similarity scores.
- After that, I will integrate the recommendation engine into a Streamlit web application, where users will be able to interact with the system.
- I aim to start user testing in the next couple of weeks to gather feedback and make necessary adjustments.

Overall Timeline:

I'm on track with my tentative plan, and everything is progressing smoothly. The final report documentation is still pending, but I'll focus on that once the core functionality of the application is complete.

I'm excited about the direction the project is heading and look forward to sharing the completed recommendation system!