



Movie Recommendation System

Making Movie Nights Easier

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What's the Goal?



Personalized Picks

Recommend 5 movies tailored to user tastes.



Rating-Driven

Suggestions based on past movie ratings.



Your Movie Assistant

Acts like a personal film curator.



Why Does This Matter?



Beat Overwhelm

Simplifies endless choices.



Discover Gems

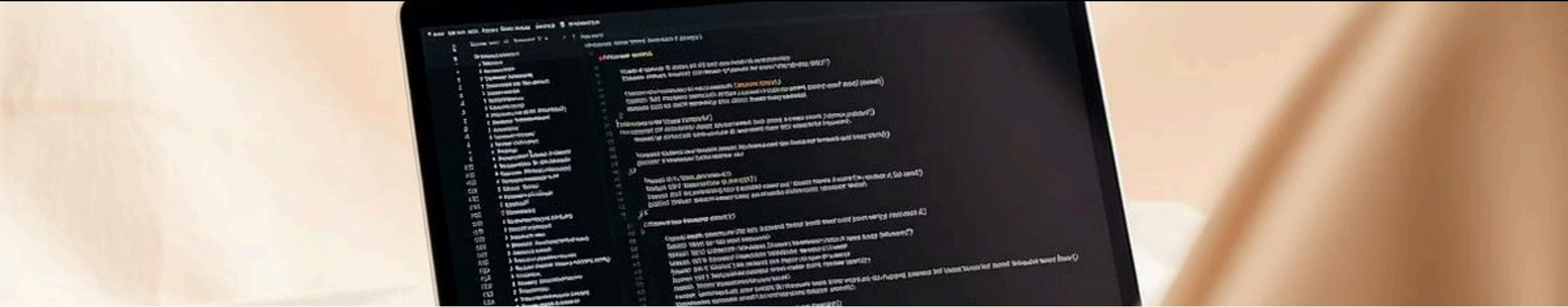
Helps uncover new favorites.



Save Time

Enhances viewing efficiency and joy.





How Did We Build It?

Data Prep

Explored and cleaned movie and rating datasets.

Model Training

Built models to learn user preferences.

Accuracy First

Selected the most accurate recommendation method.



What Worked Well

- Cleaned data thoroughly.
- Visualized user trends.
- Compared multiple models.
- Created a hybrid model.



! What Didn't Go So Well



- Missed some good movies.
- Deep learning fell short.
- Genre data challenges.
- Sparse data issues.

What Can Be Improved



Boost Accuracy

Capture more liked movies.



Advanced AI

Use deep learning.



More Features

Add actors, tags, etc.



User Feedback

Improve recommendations.



Optimize Speed

For larger datasets.

The Big Picture

Solid Foundation

Built a smart movie recommender.

Personalized Joy

Helps users enjoy tailored experiences.

Future Growth

Room for continuous improvement.