

# CineScope Pro - Movie Recommendation

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## **Introduction**

CineScope Pro is an intelligent movie recommendation system built using Python and Streamlit. It leverages real-time data from the OMDb API to provide users with a rich browsing experience for discovering films based on genre, year, and ratings.

## **Abstract**

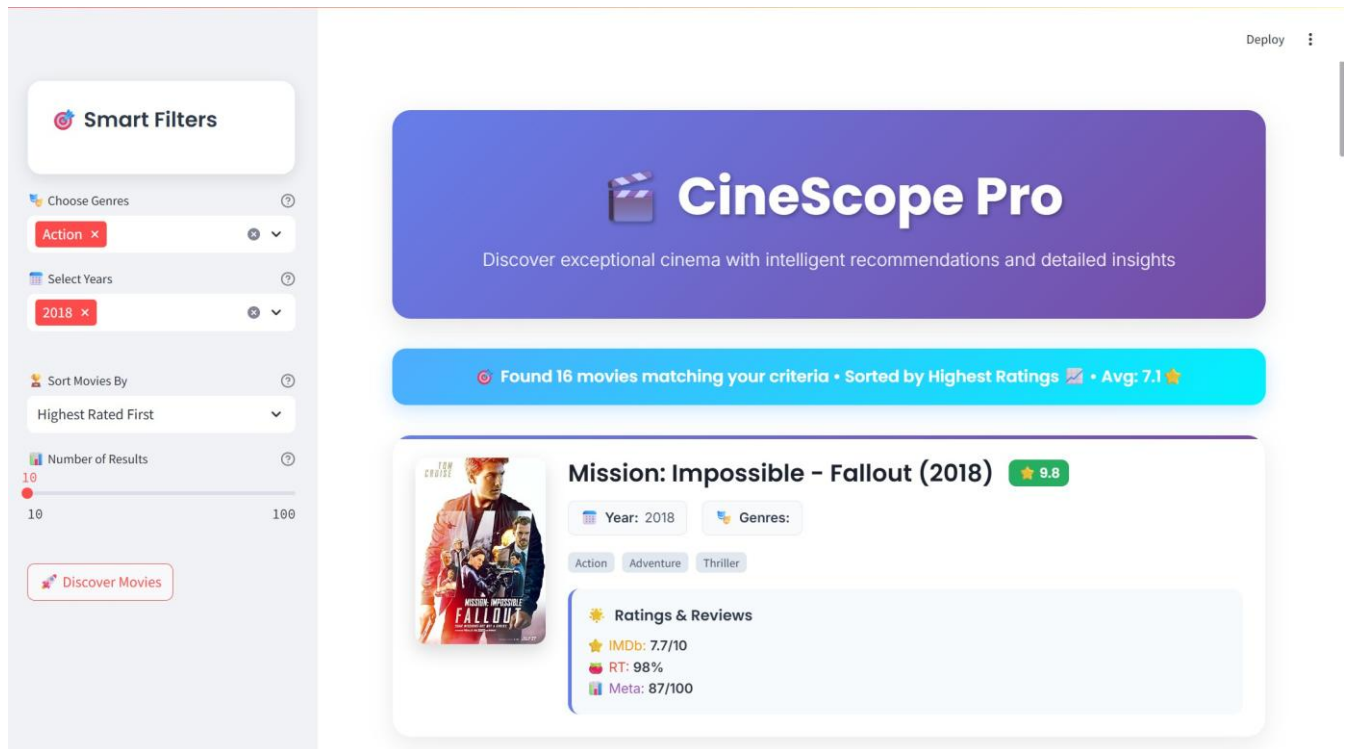
The aim of CineScope Pro is to simplify the movie discovery process through a beautiful interface and smart filters. The application uses movie data and integrates with OMDb API to display posters, ratings, and reviews.

## **Tools & Technologies Used**

- Python
- Streamlit
- Pandas
- OMDb API
- HTML & CSS
- FPDF

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## UI Snapshot



## Steps Involved

- Loaded and cleaned MovieLens data
- Extracted titles, genres, and release years
- Integrated OMDb API for ratings and posters
- Designed user interface using Streamlit and custom CSS
- Implemented filters for genre, year, and sorting by rating
- Displayed recommendations with poster, metadata, and review scores

## Conclusion

CineScope Pro successfully demonstrates intelligent filtering, external API integration, and clean UI/UX design. It offers a solid base for enhancing movie discovery experiences.