Abstract

A movie recommendation system learns about user priorities and viewing patterns to suggest customized content. Your system can spot similar users and suggest movies based on their shared interests through collaborative filtering techniques. Start by building a user-item matrix that tracks viewing behaviors and ratings. Then apply [machine learning](https://www.guvi.in/blog/machine-learning-for-beginners/) algorithms to process this data well. Research shows these systems help streaming platforms cut customer losses by up to 50%.

**Skills you must have to build this project:**

* [Python](https://www.guvi.in/hub/python/), NumPy, Pandas, Scikit-learn
* Recommendation algorithms (collaborative, content-based)
* Natural Language Processing (NLP)
* Data preprocessing and visualization