

[← Go Back to Recommendation Systems](#)[☰ Course Content](#)

Session Problem Statement - Movie Recommendation System Part 2

Context

Online streaming platforms like Netflix have plenty of movies in their repositories and if we can build a recommendation system to recommend relevant movies to users based on their historical interactions, this would improve customer satisfaction and hence improve revenue. The techniques that we will learn here will not only be limited to movies, it can be any item for which you want to build a recommendation system.

Objective

In this case study, we will explore other techniques to build personalized recommendation systems to recommend movies to different users as per their previous interactions with several movies. Two techniques that we will implement are:

- Clustering-based recommendation system
- Content-based collaborative filtering

Dataset

We will use the following three datasets for this case study:

- ratings dataset that contains the following attributes:
 - userId
 - movieId
 - rating
 - timestamp
- movies dataset that contains the following attributes:
 - movieId
 - title
 - genres
- tags dataset that contains the following attributes:
 - userId
 - movieId
 - tag: Brief comments about the movie
 - timestamp

[← Previous](#)[Next >](#)