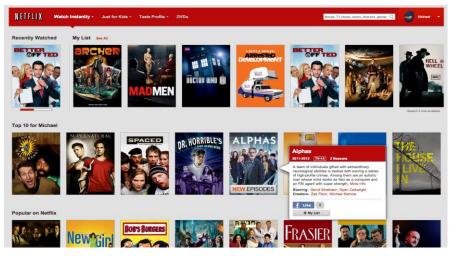
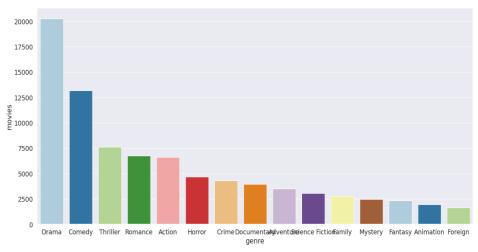
Movie Recommendation Systems - EDA - By: Avisek Regmi



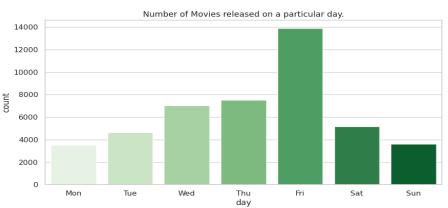
"Love" stands out as the most frequently used word, in cinema



"Drama" half of all movies made fall into this genres



"Friday" most popular day for movie releases



3 - Movie Recommendation Systems - By: Avisek Regmi

1. Content-based Filtering

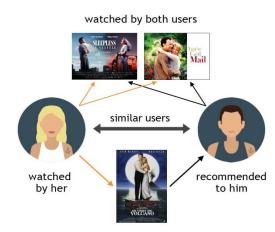
Content-based Filtering



This system suggests movies by analyzing attributes like genre, actors, and plot keywords of previously liked movies; for example, if a user enjoyed action films with Tom Cruise, it recommends similar action movies starring him.

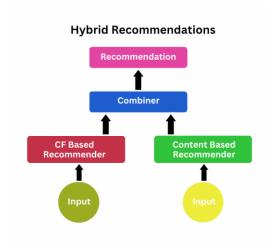
2. Collaborative Filtering

Collaborative Filtering



This system suggests movies based on similar users' preferences; for instance, if User A and User B both enjoy action movies, and User A likes a comedy, it might recommend that comedy to User B due to their shared tastes.

3. Hybrid Recommendation Systems



This system takes into account **two** things: **What You Like**: It knows you're a big fan of action movies, especially ones with Tom Cruise. **What Others Like**: It also looks at what other users who share your taste enjoy. So, based on your love for action and Tom Cruise, it might recommend "Mission: Impossible " But because it's a hybrid system, it might also notice that your friend, who shares your taste, recently enjoyed watching a comedy called "The Hangover." So, it might throw that recommendation into the mix too, knowing you trust your friend's taste.