Project: Movie Recommendation System

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Goals

- We are designing with a large demographic in mind, not a sole customer. From film enthusiasts, we asked, they want to be able to:
- Track movies
- **Discover** movies
- Discuss movies

Data

- We are going to use the **IMDB** dataset specifically crew, basics, ratings, and name.basics
- Current attributes of interest are:
 - o genre,
 - o director,
 - o cast,
 - Year released
 - Region
 - language
 - o Writer
 - Rating
 - Movie title

Deliverables

- An easy-to-use **Web Application**:
 - Recommend new movies to users based on their review history and movie preferences (actors, genre, title etc).
 - Users will be asked to rate a few movies
 - Our algorithm will then rank movies based on the similarity scores with the user's profile, and recommend the top-ranked movies

Implementation

^{*}Discussing movies may fall out of our current scope

- *Front-End*: Handled with HTML, CSS, Javascript, Django
 BackEnd: PostgreSQL
- BackEnd: PostgreSQI Server: Linux server

ER Diagram

