IMDb Database Query System

This Python script provides a command-line interface for querying an IMDb database. The script connects to a MySQL database using the `mysql.connector` library and retrieves information based on various queries. The database schema includes tables for TV series, stars, genres, directors, and more.

Prerequisites

- Python 3.x
- MySQL Server
- `mysql.connector` Python library (install via `pip install mysql-connector-python`)
- `multiple dispatch` Python library (install via `pip install multipledispatch`)

Usage

The script demonstrates various queries on the IMDb database:

1. Release Year Count: Displays the count of series released each year.

2. Get Series by Star: Retrieves a list of series in which a specified star has played.

3. Get Series by Star and Genre: Retrieves series titles and ratings for a specified star and genre.

4. Find Common Series: the list of series (only titles) that all the input stars have played in

5. Get Popular Series by Star: Retrieves popular series for a specified star.

6. Average Rating Per Genre: Calculates and displays the average ratings per genre.

7. Get Series by Director, Star, and Genre: Retrieves series titles featuring a star, directed by a specific director, and belonging to a specific genre.

Customization

Note: Make sure to replace placeholders such as `your_host`, `your_user`, and `your_password` with your actual MySQL database credentials.