

# CSC 343 Inverted course material: SQL subqueries

## 1 Schema and data

We are using the IMDB database. Note that the schema contains more relations than the ones you need to work on the queries below. We have provided the relevant relations in a separate handout.

## 2 Queries

1. Find the name of everyone who is both a Sci-Fi director and an actor/actress.
2. Find all countries that have produced at least one movie with a rating higher than 8.5.
3. Find the highest-rated movie, and report its title, year, rating, and country. There can be ties; if so, you should report for each of them.
4. Find the highest-rated Horror movie, and report the title, year, and rating. There can be ties; if so, you should report for each of them.
5. Find the genre which has the highest average rating. Report the name of the genre, and its average rating. There can be ties; if so, you should report for each of them.
6. Find the largest number of roles participating in one single movie.
7. Find the most productive director. Report the name and the number of movies he or she has directed. There can be ties; if so, you should report for each of them.
8. Find the name of everyone who is both a director and an actor/actress, but never directed and starred in the same movie.