

Bases de Données Avancées

Optimization de Requêtes

Exercise 1. In the TMDb database, optimize the database for the following queries:

1. For a given director e.g., Steven Spielberg, list all their movies ordered by their vote average
2. For a given actor e.g., Carrie Fisher, list the titles of all movies they star in together with the name of their role, ordered by their release date
3. Find the top-10 most prolific directors and actors

Exercise 2. In groups of 3 using the databases `uni-i`, compare the performance before and after indexation on the following queries:

1. List the students taught by the professor 105
2. List the top-10 (`LIMIT 10`) professor in terms of the number of students they teach in their courses