

Relational Databases Modeling and Design

Part 1: Introduction to Databases

Practical Work 7: SQL queries

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We use the previous relational database:

- Individual (num_ind, last_name, first_name)
- Film (num_film, num_ind, title, kind, fyear)
- Play (num_ind, num_film, role)
- Cinema (num_cine, name, address)
- Projection (num_cine, num_film, pdate)

Realize the following queries in SQL:

1. Count the number of projections of each film, including films that have not been projected.
2. Which film is the most projected?
3. We want to get the name and surname of all individuals ranked from best to worst actor (including actors whose number of films is equal to 0).
4. Which individuals (full name) have played in all the movies?
5. Which actors have played in all the films of Lars von Trier?
6. Which actors have played in a number of films that is greater than the average number?
7. What are the cinemas that have projected all the movies in which Nicole Kidman has played?
8. What is the interval of projection dates of films played by Skarsgard Stellan?