Netflix SQL

NHL Stenden, Assignment 3: SQL

Assignment description

Create the following DML queries in order to extract important information from the database. Test data must be added in order to actually obtain information.

Add test data

For every table, create several DML queries that place a number of test values in the database. Make sure you have enough data to work with. To make things easy for yourself, you can use tools like "Mockaroo", that generate actual test data for you. There are several situations that must be retrievable; see component "information needs".

Deliver the DML queries in an .sql-file with file name week3-1.sql.

Information needs

The data analysts at Netflix are interested in the information that the data in the database provides. Pay attention to efficiency: JOINS and SUBQUERY'S, EXISTS(), and IN(), etc. Develop the following information needs as DML queries.

Use the provided format of week3-2.sql and deliver the DML queries in a single .sql-file with file name week3-2.sql. See example:

```
-- 0. Example: total number of users

SELECT COUNT(Id) AS 'Total number of users' FROM Users

GO
```

As a data analyst at Netflix I would like to be able to peruse:

Information need
1. How many Netflix users there are;
2. How many Netflix profiles there are;
3. How many Netflix subscriptions there are;
4. How many films there are
5. What the average user age is;
6. What the combined age of all users is;
7. How many different subtitles there are in the database;
8. How many people have been invited to join by other users;
9. How many items there are that users still want to watch;
10. Which preferences I can set up as a user;
11. How many people have a subscription;
12. How many people are currently watching for free;
13. How many minutes users have watched in total;
14. How often Dutch subtitling has been used;

15. How often no subtitling has been used;
16. Which users have more than 4 profiles;
17. Which users have watched the film "Stenden";
18. How many users prefer horror;
19. Which users have no preferences;
20. Which users are not yet activated;
21. How many euros are earned per month;
22. How many extra euros can be earned per month when all users who do not subscribe would take out a subscription;
23. Which users have watched a film with English subtitles;
24. Which users who do not have a UHD subscription have watched a UHD film;
25. What the percentage is per subtitle that has been used to watch films.
26. What the most used subtitle is for each user, excluding the native language
27. If the most watched genre of a specific user is also a genre that is from their preferred genre list
28. Which of the following genres are viewed most on Valentines day? Return a list ordered by amount of views descending; Romantic Comedy, Action, Horror, Sci-fi and Animé.