**SQL Practice Questions - MovieLens / IMDb Dataset**

This document contains structured SQL practice questions for a real dataset project. These questions cover **all SQL concepts**, from basic SELECT statements to advanced window functions and subqueries, making it perfect for a portfolio or HR showcase.

# 1️⃣ Basic SELECT & Filtering

1. List all movies released after 2015.
2. Find all movies in the "Comedy" genre.
3. Display movies with a rating higher than 4.5.

# 2️⃣ Aggregation & GROUP BY

1. Count how many movies exist in each genre.
2. Find the average rating of each movie.
3. Find the total number of ratings given by each user.

# 3️⃣ Sorting & LIMIT

1. List the top 10 movies with the highest average rating.
2. List the top 5 users who rated the most movies.
3. List movies with the longest runtime, in descending order.

# 4️⃣ JOINs

1. List all movies along with their ratings.
2. Show movies with their corresponding tags applied by users.
3. Find movies and the number of times each has been tagged.
4. Find movies along with IMDb links (from links.csv ).

# 5️⃣ Filtering with JOINs

1. Find all Comedy movies rated higher than 4.
2. Find users who have rated the movie “Toy Story (1995)”.
3. List all movies rated by user with userId = 1 along with their ratings.

# 6️⃣ Window Functions & Ranking

1. Rank movies by average rating within each genre.
2. Show the top 3 movies per genre based on average rating.
3. Calculate a running total of ratings per user.

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# 7️⃣ Subqueries

1. Find movies with rating higher than the **overall average rating**.
2. Find users who rated more than 50 movies.
3. List movies that have never received a rating of 5.

# 8️⃣ Advanced / Combined

1. Find the **most popular tag** (used the most by users).
2. Find the genre with the **highest average movie rating**.
3. Find the **average rating given per year** of release.
4. Find movies with **at least 50 ratings** and an average rating above 4.

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