



# SQL Practice Assignment

January 26, 2025

1. List all movies released in the year 2000.

2. Find the names of all directors who have directed a movie in the 'Action' genre.

3. Get the total number of movies directed by each director.

4. Find all actors who have played a role in a movie with a rank greater than 8.

5. List all movies along with their genres.

6. Find the top 5 directors with the highest average movie rank.

7. Get the names of all actors who have played more than 10 roles.

8. Find all movies that have more than one genre.

9. List all directors and the number of genres they have directed movies in.

10. Find the movie with the highest rank.

11. List all actors who have acted in a movie directed by a specific director (e.g., director\_id = 1).

12. Get the average rank of movies for each genre.

13. Find all movies that have the same name but were released in different years.

14. List all directors who have directed movies in more than one genre.

15. Find the actor who has acted in the most movies.

16. Get the total number of movies in each genre.

17. List all movies that do not have a genre assigned.

18. Find the director who has directed the most movies.

19. Get the names of all movies and their directors released after the year 2000.

20. Find the genre with the highest average movie rank.

21. Using a CTE, find the average rank of movies for each director and list directors with an average rank greater than 8.

22. Using a CTE, find the number of movies each actor has acted in and list actors who have acted in more than 5 movies.

23. Using window functions, rank movies within each genre based on their rank.

24. Using window functions, find the top 3 highest-ranked movies for each genre.

25. Using a CTE and window functions, calculate the cumulative number of movies directed by each director over the years.

