Week 3 SQL Bolt 9

1. List all movies and their combined sales in **millions** of dollars

Query: SELECT title, (domestic\_sales + international\_sales) / 1000000 AS gross\_sales\_millions

FROM movies JOIN boxoffice ON movies.id = boxoffice.movie\_id;

1. List all movies and their ratings **in percent**

Query: SELECT title, rating \* 10 AS rating\_percent FROM movies JOIN boxoffice

ON movies.id = boxoffice.movie\_id;

1. List all movies that were released on even number years

Query: SELECT title, year FROM movies WHERE year % 2 = 0;

Week 3 SQL Bolt 10

1. Find the longest time that an employee has been at the studio

Query: SELECT MAX(years\_employed) as Max\_years\_employed FROM employees;

1. For each role, find the average number of years employed by employees in that role

Query: SELECT role, AVG(years\_employed) as Average\_years\_employed

FROM employees GROUP BY role;

1. Find the total number of employee years worked in each building

Query: SELECT building, SUM(years\_employed) as Total\_years\_employed

FROM employees GROUP BY building;

Week 3 SQL Bolt 10

1. Find the number of Artists in the studio (without a **HAVING** clause)

Query: SELECT role, COUNT(\*) as Number\_of\_artists FROM employees

WHERE role = "Artist";

1. Find the number of Employees of each role in the studio

Query: SELECT role, COUNT(\*) FROM employees GROUP BY role;

1. Find the total number of years employed by all Engineers

Query: SELECT role, SUM(years\_employed) FROM employees

GROUP BY role HAVING role = "Engineer";