82_Project Employees I Easy - Solution

Source - https://leetcode.com/problems/project-employees-i/description/

- Write an SQL query that reports the **average** experience years of all the employees for each project, **rounded to 2 digits**.
- So basically for each project what is the average years of experience that the employees working in it have

```
-- Write your PostgreSQL query statement below
SELECT p.project_id,
ROUND(SUM(e.experience_years)*1.0/COUNT(p.employee_id),2) AS average_ye
FROM Project AS p
LEFT JOIN Employee as e
ON p.employee_id = e.employee_id
GROUP BY p.project_id
```

1. **Joining Tables:** I did a `LEFT JOIN` between `Project` and `Employee` using `employee_id`. This ensures that I have all details of the project
2. **Grouping by `project_id`:** I group the results by `project_id` because I want the average experience calculated separately for each project.
3. **Calculating the Average Experience:**
    - I used `SUM(e.experience_years)` to get the total years of experience of employees assigned to a project.
    - I divided by `COUNT(p.employee_id)` to find the average experience per employee for that project.
    - Multiplying by `1.0` ensures that the division does not result in an integer truncation, keeping decimal precision.
    - Finally, I used `ROUND(..., 2)` to limit the result to two decimal places.

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