Premium

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1075. Project Employees I

Easy | 335 | 98

Companies

SQL Schema

Table: `Project`

```
+-------------+---------+
| Column Name | Type    |
+-------------+---------+
| project_id  | int     |
| employee_id | int     |
+-------------+---------+
(project_id, employee_id) is the primary key of this table.
employee_id is a foreign key to Employee table.
Each row of this table indicates that the employee with employee_id is
working on the project with project_id.
```

Table: `Employee`

```
+------------------+---------+
| Column Name      | Type    |
+------------------+---------+
| employee_id      | int     |
| name             | varchar |
| experience_years | int     |
+------------------+---------+
employee_id is the primary key of this table. It's guaranteed that
experience_years is not NULL.
Each row of this table contains information about one employee.
```

Write an SQL query that reports the **average** experience years of all the employees for each project, **rounded to 2 digits**.

Return the result table in **any order**.

The query result format is in the following example.

Example 1:

Input:
Project table:

```
+-------------+-------------+
| project_id  | employee_id |
+-------------+-------------+
| 1           | 1           |
| 1           | 2           |
| 1           | 3           |
| 2           | 1           |
| 2           | 4           |
+-------------+-------------+
```

Employee table:

```
+-------------+--------+------------------+
| employee_id | name   | experience_years |
+-------------+--------+------------------+
| 1           | Khaled | 3                |
| 2           | Ali    | 2                |
| 3           | John   | 1                |
| 4           | Doe    | 2                |
+-------------+--------+------------------+
```

Output:

```
+-------------+---------------+
| project_id  | average_years |
+-------------+---------------+
| 1           | 2.00          |
| 2           | 2.50          |
+-------------+---------------+
```

Explanation: The average experience years for the first project is (3 + 2 + 1) / 3 = 2.00 and for the second project is (3 + 2) / 2 = 2.50

Accepted 89.8K | Submissions 138.2K | Acceptance Rate 65.0%

Seen this question in a real interview before? 1/4

Yes | No

Discussion (13)

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```mysql
# Write your MySQL query statement below
SELECT
  p.project_id,
  ROUND(AVG(experience_years),2) as average_years
FROM Project p
LEFT JOIN Employee e
USING(employee_id)
GROUP BY p.project_id
```

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Console

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