01

LeetCode

50 Days 50 SQL Questions
Work In Progress

Day 17/50

17. Project Employees I

02

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Question

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**.

03

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Table

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

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Approach

Calculated the avg exp. year for each project by dividing the sum of exp years by count of employees, used a inner join to join both tables on emp ids and at last used group by func to group the result by project id.

05

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Query

MySQL Auto

```mysql
# Write your MySQL query statement below
SELECT p.project_id ,
ROUND(SUM(e.experience_years)/COUNT(e.employee_id),2) AS average_years
FROM project AS p INNER JOIN employee AS e
ON p.employee_id = e.employee_id
GROUP BY p.project_id;
```

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Output

Output:

project_id	average_years
1	2.00
2	2.50

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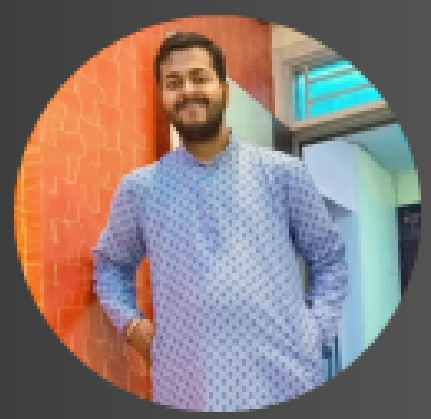

Thank You :)