

SQL 50

Premium

0

Description

Editorial

Solutions (441)

Submissions

2356. Number of Unique Subjects Taught by Each Teacher

Easy

237

13

Companies

SQL Schema

Pandas Schema

Table: Teacher

Column Name	Type
teacher_id	int
subject_id	int
dept_id	int

(subject_id, dept_id) is the primary key (combinations of columns with unique values) of this table.
Each row in this table indicates that the teacher with teacher_id teaches the subject subject_id in the department dept_id.

Write a solution to calculate the number of unique subjects each teacher teaches in the university.

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

The result format is shown in the following example.

Example 1:

Input:

Teacher table:

teacher_id	subject_id	dept_id
1	2	3
1	2	4
1	3	3
2	1	1
2	2	1
2	3	1
2	4	1

Output:

teacher_id	cnt
1	2
2	4

Explanation:

Teacher 1:

- They teach subject 2 in departments 3 and 4.
- They teach subject 3 in department 3.

Teacher 2:

- They teach subject 1 in department 1.
- They teach subject 2 in department 1.
- They teach subject 3 in department 1.
- They teach subject 4 in department 1.

Accepted 43.9K

Submissions 50.3K

Acceptance Rate 87.3%

Seen this question in a real interview before?

1/4

Yes

No

Discussion (11)

Related Topics

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MySQL

Auto

1 # Write your MySQL query statement below

2 SELECT

3 teacher_id,

4 COUNT(DISTINCT(subject_id)) AS cnt

5 FROM Teacher

6 GROUP BY teacher_id

Ln 4, Col 3

Console

Run

Submit