

Description Editorial Solutions (473) Submissions

1731. The Number of Employees Which Report to Each Employee

Easy  272 44   Companies[SQL Schema](#) >

Table: Employees

Column Name	Type
employee_id	int
name	varchar
reports_to	int
age	int

employee_id is the primary key for this table.
This table contains information about the employees and the id of the manager they report to. Some employees do not report to anyone (reports_to is null).

For this problem, we will consider a **manager** an employee who has at least 1 other employee reporting to them.

Write an SQL query to report the ids and the names of all **managers**, the number of employees who report **directly** to them, and the average age of the reports rounded to the nearest integer.

Return the result table ordered by `employee_id`.

The query result format is in the following example.

Example 1:

Input:
Employees table:

employee_id	name	reports_to	age
9	Hercy	null	43
6	Alice	9	41
4	Bob	9	36
2	Winston	null	37

Output:

employee_id	name	reports_count	average_age
9	Hercy	2	39

Explanation: Hercy has 2 people report directly to him, Alice and Bob. Their average age is $(41+36)/2 = 38.5$, which is 39 after rounding it to the nearest integer.

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

Yes No

Discussion (19)

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MySQL Auto

```
1 # Write your MySQL query statement below
2 SELECT
3     e2.employee_id,
4     e2.name,
5     COUNT(e1.reports_to) AS reports_count,
6     ROUND(AVG(e1.age),0) AS average_age
7 FROM Employees e1
8 JOIN Employees e2
9 ON e1.reports_to = e2.employee_id
10 GROUP BY e2.employee_id, name
11 ORDER BY employee_id
```

Ln 11, Col 21

Console ^



Run

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