

Description Editorial Solutions Submissions

2372. Calculate the Influence of Each Salesperson

Solved

Medium Topics

SQL Schema > Pandas Schema >

Table: Salesperson

Column Name	Type
salesperson_id	int
name	varchar

salesperson_id contains unique values.
Each row in this table shows the ID of a salesperson.

Table: Customer

Column Name	Type
customer_id	int
salesperson_id	int

customer_id contains unique values.
salesperson_id is a foreign key (reference column) from the Salesperson table.
Each row in this table shows the ID of a customer and the ID of the salesperson.

Table: Sales

Column Name	Type
sale_id	int
customer_id	int
price	int

sale_id contains unique values.
customer_id is a foreign key (reference column) from the Customer table.
Each row in this table shows ID of a customer and the price they paid for the sale with sale_id.

Write a solution to report the sum of prices paid by the customers of each salesperson. If a salesperson does not have any customers, the total value should be 0.

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

The result format is shown in the following example.

Example 1:

Input:

Salesperson table:

salesperson_id	name
1	Alice
2	Bob
3	Jerry

Customer table:

customer_id	salesperson_id
1	1
2	1
3	2

Sales table:

sale_id	customer_id	price
1	2	892
2	1	354
3	3	988
4	3	856

Output:

salesperson_id	name	total
1	Alice	1246
2	Bob	1844
3	Jerry	0

Explanation:

Alice is the salesperson for customers 1 and 2.
- Customer 1 made one purchase with 354.
- Customer 2 made one purchase with 892.
The total for Alice is 354 + 892 = 1246.

Bob is the salesperson for customers 3.
- Customer 1 made one purchase with 988 and 856.
The total for Bob is 988 + 856 = 1844.

Jerry is not the salesperson of any customer.
The total for Jerry is 0.

Seen this question in a real interview before? 1/5

Yes No

Accepted 5K | Submissions 6K | Acceptance Rate 82.7%

Topics

Discussion (3)

 Code

MySQL > Auto

```
1 # Write your MySQL query statement below
2
3 SELECT S.salesperson_id, S.name, IFNULL(SUM(SA.price),0) total FROM
4 Salesperson S
5 LEFT JOIN
6 Customer C
7 ON S.salesperson_id = C.salesperson_id
8 LEFT JOIN
9 Sales SA
10 ON C.customer_id = SA.customer_id
11 GROUP BY S.salesperson_id
12
13
```

Saved

Ln 8, Col 10

 Testcase Test Result

1	2	892
2	1	354
3	3	988
4	3	856

Output

salesperson_id	name	total
1	Alice	1246
2	Bob	1844
3	Jerry	0

Expected

salesperson_id	name	total
1	Alice	1246
2	Bob	1844
3	Jerry	0

