

Description Editorial Solutions Submissions

1607. Sellers With No Sales Premium

Easy Topics

SQL Schema Pandas Schema

Table: Customer

| Column Name | Type |
|---------------|---------|
| customer_id | int |
| customer_name | varchar |

customer_id is the column with unique values for this table.
Each row of this table contains the information of each customer in the WebStore.

Table: Orders

| Column Name | Type |
|-------------|------|
| order_id | int |
| sale_date | date |
| order_cost | int |
| customer_id | int |
| seller_id | int |

order_id is the column with unique values for this table.
Each row of this table contains all orders made in the webstore.
sale_date is the date when the transaction was made between the customer (customer_id) and the seller (seller_id).

Table: Seller

| Column Name | Type |
|-------------|---------|
| seller_id | int |
| seller_name | varchar |

seller_id is the column with unique values for this table.
Each row of this table contains the information of each seller.

Write a solution to report the names of all sellers who did not make any sales in 2020.

Return the result table ordered by seller_name in ascending order.

The result format is in the following example.

Example 1:

Input:

Customer table:

| customer_id | customer_name |
|-------------|---------------|
| 101 | Alice |
| 102 | Bob |
| 103 | Charlie |

Orders table:

| order_id | sale_date | order_cost | customer_id | seller_id |
|----------|------------|------------|-------------|-----------|
| 1 | 2020-03-01 | 1500 | 101 | 1 |
| 2 | 2020-05-25 | 2400 | 102 | 2 |
| 3 | 2019-05-25 | 800 | 101 | 3 |
| 4 | 2020-09-13 | 1000 | 103 | 2 |
| 5 | 2019-02-11 | 700 | 101 | 2 |

Seller table:

| seller_id | seller_name |
|-----------|-------------|
| 1 | Daniel |
| 2 | Elizabeth |
| 3 | Frank |

Output:

| seller_name |
|-------------|
| Frank |

Explanation:

Daniel made 1 sale in March 2020.
Elizabeth made 2 sales in 2020 and 1 sale in 2019.
Frank made 1 sale in 2019 but no sales in 2020.

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

Yes No

Accepted 32.4K Submissions 59.8K Acceptance Rate 54.2%

Topics

Similar Questions

Discussion (5)

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</> Code

MySQL Auto

```
1 # Write your MySQL query statement below
2
3 SELECT S.seller_name FROM
4 Seller S
5 LEFT JOIN
6 Orders O
7 ON
8 S.seller_id = O.seller_id AND O.sale_date LIKE "2020%"
9 WHERE O.seller_id IS NULL
10 GROUP BY S.seller_id
11 ORDER BY S.seller_name
12
```

Saved

Ln 8, Col 55

Testcase Test Result

Accepted Runtime: 425 ms

Case 1

Input

Customer =

| customer_id | customer_name |
|-------------|---------------|
| 101 | Alice |
| 102 | Bob |
| 103 | Charlie |

Orders =

| order_id | sale_date | order_cost | customer_id | seller_id |
|----------|------------|------------|-------------|-----------|
| 1 | 2020-03-01 | 1500 | 101 | 1 |
| 2 | 2020-05-25 | 2400 | 102 | 2 |

| | | | | |
|---|------------|------|-----|---|
| 3 | 2019-05-25 | 800 | 101 | 3 |
| 4 | 2020-09-13 | 1000 | 103 | 2 |