

1445. Apples & Oranges Premium

Medium Topics Companies

SQL Schema > Pandas Schema >

Table: Sales

Column Name	Type
sale_date	date
fruit	enum
sold_num	int

(sale_date, fruit) is the primary key (combination of columns with unique values) of this table.
This table contains the sales of "apples" and "oranges" sold each day.

Write a solution to report the difference between the number of **apples** and **oranges** sold each day.

Return the result table **ordered by** sale_date.

The result format is in the following example.

Example 1:

Input:
Sales table:

sale_date	fruit	sold_num
2020-05-01	apples	10
2020-05-01	oranges	8
2020-05-02	apples	15
2020-05-02	oranges	15
2020-05-03	apples	20
2020-05-03	oranges	0
2020-05-04	apples	15
2020-05-04	oranges	16

Output:

sale_date	diff
2020-05-01	2
2020-05-02	0
2020-05-03	20
2020-05-04	-1

Explanation:
Day 2020-05-01, 10 apples and 8 oranges were sold (Difference 10 - 8 = 2).
Day 2020-05-02, 15 apples and 15 oranges were sold (Difference 15 - 15 = 0).
Day 2020-05-03, 20 apples and 0 oranges were sold (Difference 20 - 0 = 20).
Day 2020-05-04, 15 apples and 16 oranges were sold (Difference 15 - 16 = -1).

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

Yes No

Accepted 56.2K | Submissions 65.3K | Acceptance Rate 86.0%

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0 - 6 months

Meta 2

Discussion (11)