

Problem List

Description | Editorial | Solutions | Submissions

1543. Fix Product Name Format Premium

Solved

Easy | Topics

SQL Schema > Pandas Schema >

Table: Sales

Column Name	Type
sale_id	int
product_name	varchar
sale_date	date

sale\_id is the column with unique values for this table.  
Each row of this table contains the product name and the date it was sold.

Since table Sales was filled manually in the year 2000, product\_name may contain leading and/or trailing white spaces, also they are case-insensitive.

Write a solution to report

- product\_name in lowercase without leading or trailing white spaces.
- sale\_date in the format ('YYYY-MM').
- total the number of times the product was sold in this month.

Return the result table ordered by product\_name in ascending order. In case of a tie, order it by sale\_date in ascending order.

The result format is in the following example.

Example 1:

Input:

Sales table:

sale_id	product_name	sale_date
1	LCPHONE	2000-01-16
2	LCPhone	2000-01-17
3	LcPhOnE	2000-02-18
4	LCKeyCHAIN	2000-02-19
5	LCKeyChain	2000-02-28
6	Matryoshka	2000-03-31

Output:

product_name	sale_date	total
lckeychain	2000-02	2
lcphone	2000-01	2
lcphone	2000-02	1
matryoshka	2000-03	1

Explanation:

In January, 2 LcPhones were sold. Please note that the product names are not case sensitive and may contain spaces.

In February, 2 LCKeychains and 1 LCPhone were sold.

In March, one matryoshka was sold.

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

Yes No

Accepted 20.1K | Submissions 33.8K | Acceptance Rate 59.5%

Topics

Discussion (1)

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</> Code

MySQL | Auto

```
1 # Write your MySQL query statement below
2
3 SELECT
4     LOWER(TRIM(product_name)) AS product_name,
5     DATE_FORMAT(sale_date, "%Y-%m") AS sale_date,
6     COUNT(sale_id) AS total
7 FROM Sales
8 GROUP BY LOWER(TRIM(product_name)), DATE_FORMAT(sale_date, "%Y-%m")
9 ORDER BY product_name ASC, sale_date ASC
10
```

Saved

Ln 10, Col 1

Testcase | Test Result

Accepted Runtime: 144 ms

Case 1

Input

Sales =

sale_id	product_name	sale_date
1	LCPHONE	2000-01-16