

Problem 3087: Find Trending Hashtags

Problem Information

Difficulty: Medium

Acceptance Rate: 0.00%

Paid Only: No

Problem Description

Table:

Tweets

+-----+-----+ | Column Name | Type | +-----+-----+ | user_id | int | | tweet_id | int | | tweet_date | date | | tweet | varchar | +-----+-----+
tweet_id is the primary key (column with unique values) for this table. Each row of this table contains user_id, tweet_id, tweet_date and tweet.

Write a solution to find the

top

3

trending

hashtags

in

February

2024

. Each tweet only contains one hashtag.

Return

the result table ordered by count of hashtag, hashtag in

descending

order.

The result format is in the following example.

Example 1:

Input:

Tweets table:

user_id	tweet_id	tweet
135	13	Enjoying a great start to the day! #HappyDay 2024-02-01 136 14 Another #HappyDay with good vibes! 2024-02-03 137 15 Productivity peaks! #WorkLife 2024-02-04 138 16 Exploring new tech frontiers. #TechLife 2024-02-04 139 17 Gratitude for today's moments. #HappyDay 2024-02-05 140 18 Innovation drives us. #TechLife 2024-02-07 141 19 Connecting with nature's serenity. #Nature 2024-02-09

Output:

hashtag	hashtag_count
#HappyDay	3
#TechLife	2
#WorkLife	1

Explanation:

#HappyDay:

Appeared in tweet IDs 13, 14, and 17, with a total count of 3 mentions.

#TechLife:

Appeared in tweet IDs 16 and 18, with a total count of 2 mentions.

#WorkLife:

Appeared in tweet ID 15, with a total count of 1 mention.

Note:

Output table is sorted in descending order by hashtag_count and hashtag respectively.

Code Snippets

MySQL:

```
# Write your MySQL query statement below
```

MS SQL Server:

```
/* Write your T-SQL query statement below */
```

PostgreSQL:

```
-- Write your PostgreSQL query statement below
```

Oracle:

```
/* Write your PL/SQL query statement below */
```

Pandas:

```
import pandas as pd

def find_trending_hashtags(tweets: pd.DataFrame) -> pd.DataFrame:
```

Solutions

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