3103. Find Trending Hashtags II Premium

Hard   🏷 Topics

SQL Schema >   Pandas Schema >

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.
It is guaranteed that all tweet_date are valid dates in February 2024.
```

Write a solution to find the **top 3** trending **hashtags** in February **2024**. Every tweet may contain **several hashtags**.

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

Output:

```
+------------+-------+
| 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 count and hashtag respectively.

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

Yes   No

Accepted **759** | Submissions **1.2K** | Acceptance Rate **64.0%**

🏷 Topics   ^

  Database

💬 Discussion (6)   ⌄