

Second Day Confirmation [TikTok SQL Interview Question]

Assume you're given tables with information about TikTok user sign-ups and confirmations through email and text. New users on TikTok sign up using their email addresses, and upon sign-up, each user receives a text message confirmation to activate their account.

Write a query to display the user IDs of those who did not confirm their sign-up on the first day, but confirmed on the second day.

Definition:

- `action_date` refers to the date when users activated their accounts and confirmed their sign-up through text messages.

`emails` Table:

Column Name	Type
email_id	integer
user_id	integer
signup_date	datetime

`emails` Example Input:

email_id	user_id	signup_date
125	7771	06/14/2022 00:00:00
433	1052	07/09/2022 00:00:00

texts Table:

Column Name	Type
text_id	integer
email_id	integer
signup_action	string ('Confirmed', 'Not confirmed')
action_date	datetime

texts Example Input:

text_id	email_id	signup_action	action_date
6878	125	Confirmed	06/14/2022 00:00:00
6997	433	Not Confirmed	07/09/2022 00:00:00
7000	433	Confirmed	07/10/2022 00:00:00

Example Output:

user_id
1052

Explanation:

Only User 1052 confirmed their sign-up on the second day.

The dataset you are querying against may have different input & output - **this is just an example!**