

2995. Viewers Turned Streamers Premium

Hard Topics Companies

SQL Schema Pandas Schema

Table: Sessions

Column Name	Type
user_id	int
session_start	datetime
session_end	datetime
session_id	int
session_type	enum

session_id is column of unique values for this table.
session_type is an ENUM (category) type of (Viewer, Streamer).
This table contains user id, session start, session end, session id and session type.

Write a solution to find the number of **streaming** sessions for users whose **first session** was as a **viewer**.

Return *the result table ordered by count of streaming sessions, user_id in descending order*.

The result format is in the following example.

Example 1:

Input:
Sessions table:

user_id	session_start	session_end	session_id	session_type
101	2023-11-06 13:53:42	2023-11-06 14:05:42	375	Viewer
101	2023-11-22 16:45:21	2023-11-22 20:39:21	594	Streamer
102	2023-11-16 13:23:09	2023-11-16 16:10:09	777	Streamer
102	2023-11-17 13:23:09	2023-11-17 16:10:09	778	Streamer
101	2023-11-20 07:16:06	2023-11-20 08:33:06	315	Streamer
104	2023-11-27 03:10:49	2023-11-27 03:30:49	797	Viewer
103	2023-11-27 03:10:49	2023-11-27 03:30:49	798	Streamer

Output:

user_id	sessions_count
101	2

Explanation
- user_id 101, initiated their initial session as a viewer on 2023-11-06 at 13:53:42, followed by two subsequent sessions as a Streamer, the count will be 2.
- user_id 102, although there are two sessions, the initial session was as a Streamer, so this user will be excluded.
- user_id 103 participated in only one session, which was as a Streamer, hence, it won't be considered.
- User_id 104 commenced their first session as a viewer but didn't have any subsequent sessions, therefore, they won't be included in the final count.
Output table is ordered by sessions count and user_id in descending order.

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

Yes No

Accepted 2K | Submissions 4.7K | Acceptance Rate 43.2%

Topics

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0 - 3 months

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Discussion (4)