# Teams Power Users [Microsoft SQL Interview Question]

Write a query to identify the top 2 Power Users who sent the highest number of messages on Microsoft Teams in August 2022. Display the IDs of these 2 users along with the total number of messages they sent. Output the results in descending order based on the count of the messages.

Assumption:

- No two users have sent the same number of messages in August 2022.

`messages` Table:

| Column Name | Type |
|---|---|
| message_id | integer |
| sender_id | integer |
| receiver_id | integer |
| content | varchar |
| sent_date | datetime |

`messages` Example Input:

| message_id | sender_id | receiver_id | content | sent_date |
|---|---|---|---|---|
| 901 | 3601 | 4500 | You up? | 08/03/2022 00:00:00 |
| 902 | 4500 | 3601 | Only if you're buying | 08/03/2022 00:00:00 |
| 743 | 3601 | 8752 | Let's take this offline | 06/14/2022 00:00:00 |
| 922 | 3601 | 4500 | Get on the call | 08/10/2022 00:00:00 |

Example Output:

| sender_id | message_count |
|-----------|---------------|
| 3601      | 2             |
| 4500      | 1             |

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