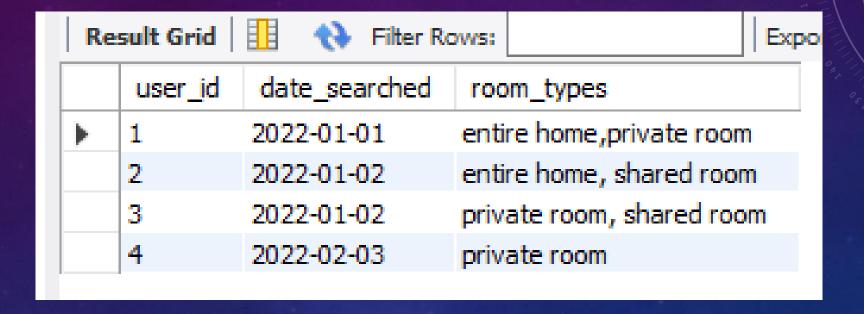
SQL TIPS AND TRICKS

PART 13

Interview Question

MAYURI DANDEKAR

Sample Example



find the room types that are searched most of the time. output the room type alongside the no of searches for it. if the filter for room type has more than one type, consider each room type has a separate row. sort the result based on the no of searches in descending order

```
SELECT value as room_type, COUNT (1) as no_of_searches
FROM rooms
CROSS APPLY STRING SPLIT (room_types,',')
GROUP BY value
ORDER BY no_of_searches desc;
```

In MYSQL

```
54 •
       SELECT
           TRIM(SUBSTRING_INDEX(SUBSTRING_INDEX(room_types, ',', n), ',', -1)) AS room_type,
55
           COUNT(*) AS no_of_searches
56
       FROM rooms
57
58
       JOIN
            (SELECT 1 AS n UNION ALL SELECT 2 UNION ALL SELECT 3 UNION ALL SELECT 4 UNION ALL SELECT 5) AS numbers
59
       WHERE CHAR_LENGTH(room_types) - CHAR_LENGTH(REPLACE(room_types, ',', '')) >= n - 1
60
61
       GROUP BY room type
62
       ORDER BY no_of_searches DESC;
Result Grid Filter Rows:
                                     Export: Wrap Cell Content: 1A
            no_of_searches
  room_type
 private room 3
  entire home
  shared room
```

THANK YOU

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