stratascratch

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< | ☰ Rank Variance Per Country | >

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Rank Variance Per Country

Interview Question Date: January 2021

Meta/Facebook   Hard   ID 2007   👍 36 👎

Data Engineer   Data Scientist   BI Analyst   Data Analyst   ML Engineer

Which countries have risen in the rankings based on the number of comments between Dec 2019 vs Jan 2020? Hint: Avoid gaps between ranks when ranking countries.

Tables: fb_comments_count, fb_active_users

| Hints | Expected Output |

fb_comments_count

👁 Preview

user_id:	int
created_at:	datetime
number_of_comments:	int

fb_active_users

👁 Preview

user_id:	int
name:	varchar
status:	varchar
country:	varchar

Recommended Hard Interview Questions

ID 10062   Fans vs Opposition

ID 10284   Popularity Percentage

ID 9633   City With Most Amenities

Recommended Questions from the Same Companies

ID 2156   Unique Employee Logins

ID 9683   Find the number of speakers of each language

ID 9670   Highest Number Of Inactive Users

```
 5  group by 1,2,3),
 6
 7  cte3 as(select mnth,yr,country,dense_rank() over(partition by mnth,yr order by
         tot_cmnt desc) rnk from cte2 where mnth in (12,1) and yr in(2019,2020)),
 8
 9  cte4 as(select * from cte3 where mnth=12 and yr=2019),
10  cte5 as(select * from cte3 where mnth=1 and yr=2020),
11
12  cte6 as(select cte5.country,cte5.rnk as rnk_jan, coalesce(cte4.rnk,1000) as
         rnk_dec from cte5 left join cte4 on cte5.country=cte4.country)
13
```

↻ Run Code	Solved

Use ⌥ + Enter to run query

Highlight some code to execute selection only

Output

View the output in a separate browser tab

Execution time: 0.00652 seconds

Your Solution:

country
Mali
Denmark