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The Most Popular Client_Id Among Users Using Video and Voice Calls


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Question

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The Most Popular Client_Id Among Users Using Video and Voice Calls





Interview Question Date: February 2021

Apple

Microsoft

Hard

ID 2029

39

Data Engineer

Data Scientist

BI Analyst

Data Analyst

ML Engineer

Select the most popular client_id based on a count of the number of users who have at least 50% of their events from the following list: 'video call received', 'video call sent', 'voice call received', 'voice call sent'.

Table: fact_events

Hints

Expected Output

fact_events

Preview

id:	int
time_id:	datetime
user_id:	varchar
customer_id:	varchar
client_id:	varchar
event_type:	varchar
event_id:	int

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Recommended Questions from the Same Companies

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ID 2028	New And Existing Users
ID 10300	Premium vs Freemium

```
1 with cte1 as(select client_id,user_id,
2 sum(case when event_type='video call received' then 1
3       when event_type='video call sent' then 1
4       when event_type='voice call received' then 1
5       when event_type='voice call sent' then 1
6       else 0 end) as tot ,count(event_type) as cnt
7       from fact_events group by 1,2)
8
9 select client_id from cte1
10 where tot>=cnt/2.0
11 group by 1
```

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: 0.00736 seconds

Your Solution:

client_id

desktop