**Day-8**

[Uber SQL Interview Question | DataLemur](https://datalemur.com/questions/sql-third-transaction)

select user\_id , spend , transaction\_date

FROM

(

select \*, row\_number() OVER(partition by user\_id ORDER BY transaction\_date)rnk

FROM transactions

) t WHERE rnk=3;

[Snapchat SQL Interview Question | DataLemur](https://datalemur.com/questions/time-spent-snaps)

with cte AS(

select b.age\_bucket , a.activity\_type, SUM(a.time\_spent)as tot

from activities a join age\_breakdown b

on a.user\_id = b.user\_id

WHERE a.activity\_type <> 'chat'

GROUP BY b.age\_bucket , a.activity\_type

ORDER BY b.age\_bucket , a.activity\_type

),

cte2 AS

( SELECT age\_bucket , activity\_type , tot,

SUM(tot) OVER(PARTITION BY age\_bucket) as cum\_tot,

ROUND((tot / (SUM(tot) OVER(partition by age\_bucket))) \* 100.0,2) as main FROM cte

)

select age\_bucket , SUM(case when activity\_type='send' then main end) as send\_prac,

SUM(case when activity\_type='open' then main end) as open\_prac

from cte2

group by age\_bucket;