Daily Report: Explanation of first part of query


```sql
SELECT      t1.dt AS dt,
                              amount_cr,
                              cum_cnt_50k,
                              cum_cnt_10k,
                              daily_users
                  FROM        (
```
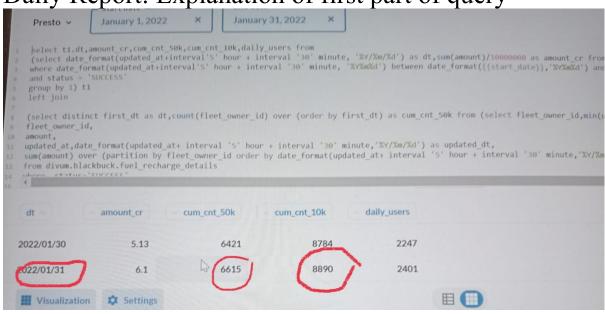
#Table T1 Total amount in Crores:

```sql
SELECT    Date_format(updated_at+INTERVAL'5' hour + INTERVAL '30' minute, '%Y/%m/%d') AS dt,
                                        Sum(amount)/10000000
                                                    AS amount_cr
                              FROM      divum.blackbuck.fuel_recharge_details
                                        WHERE     Date_format(updated_at+INTERVAL'5' hour + INTERVAL '30' minute, '%Y%m%d') BETWEEN date_format({{start_date}},'%Y%m%d') AND     date_format({{end_date}},'%Y%m%d')
                                        AND       status = 'SUCCESS'
                                        GROUP BY 1) t1


LEFT JOIN
```

#Table T2 50K Cumm_sum: Cumm count of customers who have done 50k recharge. (There is a some mistake in query)

In actual first we need to get the sum of amount for fo_id and date. After that calculate the cumulative sum to check when will fo cross 50k using where clause. Then Get the first date when each FO cross 50k. Atlast for each distinct

get the cumulative count of FOs.

```sql
(

SELECT DISTINCT first_dt AS dt,

count(fleet_owner_id) over (ORDER BY first_dt) AS cum_cnt_50k
                                              FROM              (

    SELECT    fleet_owner_id,

            min(updated_dt) AS first_dt

    FROM      (

                SELECT *

                FROM    (

                            SELECT    fleet_owner_id,

                                    amount,

                                    updated_at,

                                    date_format(updated_at+
INTERVAL '5' hour + INTERVAL '30' minute,'%Y/%m/%d')
                                        AS updated_dt,

                                    sum(amount) over (partit
ion BY fleet_owner_id ORDER BY date_format(updated_at+ INTERVAL '5'
hour + INTERVAL '30' minute,'%Y/%m/%d')) AS cumm_sum

                            FROM      divum.blackbuck.fuel_rec
harge_details

                            WHERE     status='SUCCESS'

                            AND       date(updated_at+ INTERVA
L '5' hour + INTERVAL '30' minute) BETWEEN date({{start_date}}) AND
    date({{end_date}})

                            GROUP BY 1,

                                2,

                                3,

                                4 ) a

                WHERE   cumm_sum >= 50000) b

    GROUP BY 1) c) t2
                    ON        t1.dt=t2.dt
```

```
   LEFT JOIN
```

#Table T3 10K Cumm_sum:

```
    (SELECT DISTINCT first_dt  AS dt,count(fleet_owner_id) over
(ORDER BY first_dt) AS cum_cnt_10k
FROM            (

   SELECT    fleet_owner_id,

           min(updated_dt) AS first_dt

   FROM       (

                SELECT *

                FROM    (

                             SELECT   fleet_owner_id,

                                      amount,

                                      updated_at,

                                      date_format(updated_at+
INTERVAL '5' hour + INTERVAL '30' minute,'%Y/%m/%d')
                                      AS updated_dt,

                                      sum(amount) over (partit
ion BY fleet_owner_id ORDER BY date_format(updated_at+ INTERVAL '5'
hour + INTERVAL '30' minute,'%Y/%m/%d')) AS cumm_sum

                             FROM     divum.blackbuck.fuel_rec
harge_details

                             WHERE    status='SUCCESS'

                             AND      date(updated_at+ INTERVA
L '5' hour + INTERVAL '30' minute) BETWEEN date({{start_date}}) AND
   date({{end_date}})

                             GROUP BY 1,

                                      2,

                                      3,

                                      4 ) a

              WHERE  cumm_sum >= 10000) b

   GROUP BY 1) c) t3
                ON       t1.dt=t3.dt
```

```
LEFT JOIN
```

#Table T4: Daily fuel recharging customers

```
( SELECT   date_format(updated_at+INTERVAL'5' hour + INTERVAL '30' m
inute, '%Y/%m/%d') AS dt,
count(DISTINCT fleet_owner_id)  AS daily_users
FROM     divum.blackbuck.fuel_recharge_details
WHERE    date_format(updated_at+INTERVAL'5' hour + INTERVAL '30' min
ute, '%Y%m%d') BETWEEN date_format({{start_date}},'%Y%m%d') AND
 date_format({{end_date}},'%Y%m%d')
                                AND     status = 'SUCCESS'
                                GROUP BY 1) t4
                ON      t1.dt=t4.dt
                ORDER BY  1

) q1
```