

Namma Yatri Analysis Sql Queries

1. total trips

```
select count(*) as completed_trips from trips; #983  
select count(distinct tripid) as all_trips from trips_details4; #2161
```

2. total drivers

```
select count(distinct driverid) as total_drivers from trips; #30
```

3. total earnings

```
select sum(fare) as total_earnings from trips; # 751343
```

4. total Completed trips

```
select count(tripid) from trips_details4 where end_ride =1; #983
```

5. total searches

```
select sum(searches) as searches from trips_details4; #2161
```

6. total searches which got estimate

```
select sum(searches_got_estimate) as searches from trips_details4; #1758
```

7. total searches for quotes

```
select sum(searches_for_quotes) as searches from trips_details4; #1455
```

8. total searches which got quotes

```
select sum(searches_got_quotes) as searches from trips_details4; #1277
```

9. trips cancelled by drivers

```
select count(driver_not_cancelled) as cancelled_by_drivers
from trips_details4 where driver_not_cancelled=0; #1021
```

10. total otp entered

```
select sum(otp_entered) as total_otp_entered from trips_details4; #983
```

11. total end ride

```
select sum(end_ride) as total_end_ride from trips_details4;#983
```

12. average distance per trip

```
select avg(distance) as average_distance_per_trip from trips;#14.3927
```

13. average fair per trip

```
select avg(fare) as average_fair_per_trip from trips;#764.3367
```

14. distance travelled

```
select sum(distance) from trips;#14148
```

15. most used payment method

```
select method, count(faremethod)
from trips join payment on
trips.faremethod = payment.id
group by method order by count(faremethod) desc ;
#upi    505
#cash   478
```

16. the highest payment was made through which instrument

```
with cte as (
    select faremethod, sum(fare) as total_fare from trips
    group by faremethod
)
select p.method
from cte join payment p on p.id = cte.faremethod
order by cte.total_fare desc limit 1; #upi
```

17. which two location had the most trips

```
select assembly1, count(t.loc_from) as total_trips from
trips_details4 as t
join loc on
t.loc_from = loc.id
group by assembly1 order by total_trips desc limit 2;
#Nelamangala    113
#Hoskote        104
```

18. top 5 earning drivers

```
select * from
(select *,dense_rank() over(order by fare desc) rnk from
(select driverid,sum(fare) fare from trips
group by driverid) as b) as c where rnk<6 ;
-- driverid fare rnk
-- 12    36787    1
-- 8      30101    2
-- 21     29787    3
-- 24     28870    4
-- 30     28853    5
```

19. which duration had most trips

```
select * from
(select *,rank() over(order by cnt desc)rnk from
(select duration, count(distinct tripid)cnt
from trips group by duration) b) c where rnk=1;
duration cnt rnk
18      101  1
```

20. which driver, customer pair had more orders

```
select * from
(select *, dense_rank() over (order by cnt desc) as ran_k from
(select driverid,custid,count(distinct tripid) as cnt from trips
group by driverid,custid) a) c where ran_k=1;
driverid custid cnt ran_k
17       96     4     1
28       15     4     1
```

21. which area got the highest trips in which duration

```
select * from (
select *, rank() over(partition by duration order by cnt desc) as rnk from
(select duration,loc_from, count(distinct tripid) as cnt from trips
group by duration,loc_from)a )b
where rnk=1;
```

duration	loc_from	cnt	rnk
2	9	5	1
4	4	3	1
5	12	3	1
5	26	3	1
5	36	3	1
6	9	4	1
7	19	7	1
8	4	3	1
8	24	3	1
8	26	3	1
8	35	3	1
9	35	4	1
10	12	5	1

22. area got the highest fares

```
select * from
(select *,rank()over(order by fare desc) rnk
from
(select loc_from, sum(fare) fare from trips
group by loc_from)b)c
where rnk=1;
```

loc_from	fare	rnk
6	30295	1

23. area got the highest DRIVER cancellations

```
select * from
(select *,rank()over(order by cancel desc) rnk
from
(select loc_from, count(*) -sum(driver_not_cancelled) cancel
from trips_details4 group by loc_from )b)c where rnk=1;
```

loc_from	cancel	rnk
1	43	1

24. area got the highest CUSTOMER cancellations

```
select * from
(select *,rank()over(order by cancel desc) rnk
from
(select loc_from, count(*) -sum(customer_not_cancelled) cancel
from trips_details4 group by loc_from )b)c where rnk=1;
```

loc_from	cancel	rnk
4	40	1

25. which duration got highest trips and fairs

```
select * from
(select *,rank()over(order by fare desc) rnk
from
(select duration,sum(fare) fare from trips group by duration)b)c where rnk=1;
```

duration	fare	rnk
18	77560	1