select \* from trip\_details ;

select \* from trips ;

select \* from payment ;

select \* from duration ;

select \* from assembly ;

/\*total trips\*/

select count(distinct tripid) from trip\_details;

/\*total drivers\*/

select \* from trips;

select count(distinct driverid) from trips;

/\*total earnings\*/

select sum(fare) from trips;

/\*total Completed trips\*/

select \* from trip\_details;

select sum(end\_ride) from trip\_details;

/\*total searches\*/

select sum(searches),sum(searches\_got\_estimate),sum(searches\_for\_quotes),sum(searches\_got\_quotes),

sum(customer\_not\_cancelled),sum(driver\_not\_cancelled),sum(otp\_entered),sum(end\_ride)

from trip\_details;

/\*average distance per trip\*/

select avg(distance) from trips;

/\*average fare per trip\*/

select sum(fare)/count(\*) from trips;

/\*distance travelled\*/

select sum(distance) from trips;

/\* which is the most used payment method \*/

select a.method from payment a inner join

(select faremethod ,count(distinct tripid) cnt from trips

group by faremethod

order by count(distinct tripid)desc) b

on a.id=b.faremethod

;

/\* which two locations had the most trips\*/

select \* from

(select \*,dense\_rank() over(order by trip desc) rnk

from

(select loc\_from,loc\_to,count(distinct tripid) trip from trips

group by loc\_from,loc\_to

)a)b

where rnk=1;

/\*top 5 earning drivers\*/

select \* from trips;

select \* from

(select \*, dense\_rank() over(order by fare desc) rnk

from

(select driverid,sum(fare) fare from trips

group by driverid)b)c

where rnk<6

;

/\*which duration had more 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;

/\*which driver , customer pair had more orders\*/

select \*from

(select \*,rank() over(order by cnt desc) rnk from

(select driverid,custid,count(distinct tripid) cnt from trips

group by driverid,custid)c)d

where rnk=1

;

/\*search to estimate rate\*/

select \* from trip\_details;

select sum(searches\_got\_estimate)\*100.0/sum(searches) from trip\_details;

/\*estimate to search for quote rates\*/

select \* from trip\_details;

select sum(searches\_for\_quotes)\*100.0/sum(searches) from trip\_details;

/\*quote acceptance rate\*/

select sum(searches\_got\_quotes)\*100.0/sum(searches) from trip\_details;

/\*quote acceptance rate\*/

select sum(searches\_got\_quotes)\*100.0/sum(searches) from trip\_details;

/\*which area got the highest fares, cancellations,trips, \*/

select \* from trips;

select \* from trip\_details;

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;

select \* from(select \*,rank() over (order by can desc )rnk

from

(select loc\_from,count(\*) - sum(driver\_not\_cancelled) can

from trip\_details

group by loc\_from)b)c

where rnk=1;

select \* from(select \*,rank() over (order by can desc )rnk

from

(select loc\_from,count(\*) - sum(customer\_not\_cancelled) can

from trip\_details

group by loc\_from)b)c

where rnk=1;

/\* which duration got the highest trips and fares\*/

select \* from(select \*,rank() over (order by fare desc )rnk

from

(select duration,count(distinct tripid)fare from trips

group by duration)b)c

where rnk=1;