-- Project name :- OLA\_Uber\_yatri data analysis

create table assemble(

ID int primary key,

Assembly varchar

)

create table duration(

id int not null,

duration varchar

)

create table payment(

id int,

method varchar

)

create table trip(

tripid int,

faremethod int,

fare bigint,

loc\_from int,

loc\_to int,

driverid int,

custid int,

distance int,

duration int

)

create table trip\_details(

tripid int,

loc\_from int,

searches int,

searches\_got\_estimate int,

searches\_for\_quotes int,

searches\_got\_quotes int,

customer\_not\_cancelled int,

driver\_not\_cancelled int,

otp\_entered int,

end\_ride int

)

-- Import all the data from exel file to tables

select \* from assembly

select \* from duration

select \* from payment

select \* from trip

select \* from trip\_details

-- In this way or data tables are ready

Q1). Total number of trips

select count(distinct tripid) from trip

Q2).Total number of drivers

select count(distinct driverid) from trip

Q3).Total number of driver earning

select sum(fare) from trip

Q4).Total complete trips

select count(distinct tripid) from trip

Q5).Total number of search took place

select sum(searches) from trip\_details

Q6).Total searches got estimate

select sum(searches\_got\_estimate) from trip\_details

Q7).Total search of quotes

select sum(searches\_for\_quotes) from trip\_details

Q8).Total trip by driver cancel

select count(\*) - sum(driver\_not\_cancelled) from trip\_details

Q9).Total OTP enter

select sum(otp\_entered) from trip\_details

Q10).Total end ride

select sum(end\_ride) from trip\_details

Q11).Average distance per trip

select avg(distance) from trip

Q12).Average fare per trip

select avg(fare) from trip

Q13).Total number of distance get traveled

select sum(distance) from trip

Q14).Which the most used payment method

select method from

(select p.method, count(t.faremethod) as "Total\_count"

from trip t

join payment p

on t.faremethod = p.id

group by p.method

order by "Total\_count" desc

limit 1) a

Q15).Highest payment is done by which method

select method from

(select p.method as "method", max(t.fare) as "highest\_fare"

from trip t

join payment p

on t.faremethod = p.id

group by p.method

order by "highest\_fare" desc

limit 1

) a

Q16).Which 2 locations has people visited most

select Assembly from

(select a.Assembly, count(t.loc\_to) as "Total\_trips"

from trip t

join assembly a

on a.ID = t.loc\_to

group by a.Assembly

order by "Total\_trips" desc

limit 2) b

Q17).Which two location has the most trip

select Assembly from assembly a inner join

(select loc\_to, count(loc\_to) as "Total\_trips"

from trip

group by loc\_to

order by "Total\_trips" desc

limit 2) b

on a.ID = b.loc\_to

Q18).Top 5 earning drivers

select driverid, sum(fare) as "Total\_trip"

from trip

group by driverid

order by "Total\_trip" desc

limit 5

Q19).Which duration has more trip

select duration from

(select d.duration, count(t.duration) as "Highest\_duration"

from trip t

join duration d

on d.id = t.duration

group by d.duration

order by "Highest\_duration" desc

limit 1)

a

Q20).Which driver, customer pair had more orders

select driverid, custid from

(select driverid, custid, count(tripid) as "max\_count"

from trip

group by driverid, custid

order by "max\_count" desc

limit 2) a

Q21).Search to estimate rate

select (sum(searches\_got\_estimate)\*100.00/sum(searches)) as "total percentage" from trip\_details

Q22).Estimate to search for quote rate

select (sum(searches\_got\_quotes)\*100.00/sum(searches)) as "total percentage" from trip\_details

Q23).Which area got highest trips in which of duration

select a.assembly,t.duration, count(distinct t.tripid) as "total"

from trip t

join assembly a

on t.loc\_from = a.id

group by a.assembly, t.duration

order by "total" desc

Q24)Which duration got highest number of trips in each of the location

select duration, count(distinct tripid) as "highest\_count"

from trip

group by duration

order by "highest\_count" desc

limit 1