Swiggy Case Study

CREATE TABLE delivery\_partner(

partner\_id int primary key not null,

partner\_name varchar

)

CREATE TABLE orders(

order\_id int primary key not null,

user\_id int,

r\_id int ,

amount int,

date date,

partner\_id int,

delivery\_time int,

delivery\_rating int,

restaurant\_rating int

)

CREATE TABLE menu(

menu\_id int primary key,

r\_id int,

f\_id int,

price int

)

CREATE TABLE food(

f\_id int primary key,

f\_name varchar,

type varchar

)

create table users(

user\_id int primary key,

name varchar,

email varchar,

password varchar

)

create table order\_details(

id int primary key,

order\_id int,

f\_id int

)

create table resturant(

r\_id int,

r\_name varchar,

cuisine varchar

)

**-- And we have imported table data from csv files to each tables.**

select \* from delivery\_partner

select \* from food

select \* from menu

select \* from order\_details

select \* from orders

select \* from users

select \* from resturant

**-- 1}.Find customer who had never ordered**

select \* from users

where user\_id not in (select user\_id from orders)

**-- 2}.Find out average price of dish**

select f\_name as "Dish", round(avg(m.price),2) as "Avg dish price"

from menu m

join food f

on m.f\_id = f.f\_id

group by f\_name

**-- 3}.Find top resturent in terms of number of orders in 6th month**

select r.r\_name, count(\*) as "Total\_No\_of\_orders"

from orders o

join resturant r

on o.r\_id = r.r\_id

where extract(month from o.date) = 6

group by r.r\_name

order by count(\*) desc

limit 1

**-- 4}. Find restaurants with monthly sales > 1000 for any particular month.**

select r.r\_name as "Resturent\_name", sum(o.amount) as "Total\_sale"

from orders o

join resturant r

on r.r\_id = o.r\_id

where extract(month from o.date) = 7

group by r.r\_name

having sum(o.amount) > 1000

**-- 5}. Show all orders with order details for a perticular customer**

select o.order\_id, r.r\_name, f.f\_name

from orders o

join resturant r

on o.r\_id = r.r\_id

join order\_details od

on od.order\_id = o.order\_id

join food f

on f.f\_id = od.f\_id

where o.user\_id = (select "user\_id" from users where "name" like 'Nitish' )

**-- 6}.find resturent with maximun repeated orders**

select r\_name as "Resturant Name" , count(\*) as "Total\_counts"

from (select r\_id,user\_id, count(\*) as "Total\_count"

from orders

group by r\_id, user\_id

having count(\*) > 1) a

join resturant r

on r.r\_id = a.r\_id

group by r\_name

order by count(\*) desc

limit 1

**-- 7}.Month by Month revenue growth of swiggy**

select "Month", ("Revenue" - "Prev") as "Monthly growth" from

(WITH sales as

(

select to\_char("date", 'month') as "Month" , sum(amount) as "Revenue"

from orders

group by "Month"

-- order by month("date")

)

select "Month", "Revenue", lag("Revenue",1) over(order by "Revenue") as "Prev" from"sales") t

**-- 8}.Customer name with there favorite food.**

with temp as

(Select o.user\_id, od.f\_id, count(\*) as "frequency"

from orders o

join order\_details od

on o.order\_id = od.order\_id

group by o.user\_id, od.f\_id)

select u.name, f.f\_name ,t1.frequency

from temp t1

join users u

on u.user\_id = t1.user\_id

join food f

on f.f\_id = t1.f\_id

where t1.frequency = (select max(frequency) from temp t2

where t2.user\_id = t1.user\_id)

**-- 9}.which 2 products are order multiple times**

select f.f\_name , count(\*) as "Times\_orders"

from orders o

join order\_details od

on o.order\_id = od.order\_id

join food f

on f.f\_id = od.f\_id

group by f.f\_name

order by "Times\_orders" desc

limit 2