

faasos data sql project with help of ashu kumar yt channel

```
create database faasos;
```

```
use faasos;
```

```
CREATE TABLE driver(driver_id integer,reg_date date);
```

```
INSERT INTO driver(driver_id,reg_date)
```

```
VALUES
```

```
(1,'2021-01-01'),
```

```
(2,'2021-01-03'),
```

```
(3,'2021-01-08'),
```

```
(4,'2021-01-15');
```

```
CREATE TABLE ingredients(ingredients_id integer,ingredients_name varchar(60));
```

```
INSERT INTO ingredients(ingredients_id ,ingredients_name)
```

```
VALUES (1,'BBQ Chicken'),
```

```
(2,'Chilli Sauce'),
```

```
(3,'Chicken'),
```

```
(4,'Cheese'),
```

```
(5,'Kebab'),
```

```
(6,'Mushrooms'),
```

```
(7,'Onions'),
```

```
(8,'Egg'),
```

```
(9,'Peppers'),
```

```
(10,'schezwan sauce'),
```

```
(11,'Tomatoes'),
```

```
(12,'Tomato Sauce');
```

```
CREATE TABLE rolls(roll_id integer,roll_name varchar(30));
```

```
INSERT INTO rolls(roll_id ,roll_name)
VALUES (1      , 'Non Veg Roll'),
(2      , 'Veg Roll');
```

```
CREATE TABLE rolls_recipes(roll_id integer,ingredients varchar(24));
```

```
INSERT INTO rolls_recipes(roll_id ,ingredients)
VALUES (1,'1,2,3,4,5,6,8,10'),
(2,'4,6,7,9,11,12');
```

```
CREATE TABLE driver_order(order_id integer,driver_id integer,pickup_time datetime,distance
VARCHAR(7),duration VARCHAR(10),cancellation VARCHAR(23));
```

```
INSERT INTO driver_order(order_id,driver_id,pickup_time,distance,duration,cancellation)
VALUES(1,1,'2021-01-01 18:15:34','20km','32 minutes',''),
(2,1,'2021-01-01 19:10:54','20km','27 minutes',''),
(3,1,'2021-01-03 00:12:37','13.4km','20 mins','NaN'),
(4,2,'2021-01-04 13:53:03','23.4','40','NaN'),
(5,3,'2021-01-08 21:10:57','10','15','NaN'),
(6,3,null,null,null,'Cancellation'),
(7,2,'2020-01-08 21:30:45','25km','25mins',null),
(8,2,'2020-01-10 00:15:02','23.4 km','15 minute',null),
(9,2,null,null,null,'Customer Cancellation'),
(10,1,'2020-01-11 18:50:20','10km','10minutes',null);
```

```
CREATE TABLE customer_orders(order_id integer,customer_id integer,roll_id
integer,not_include_items VARCHAR(4),extra_items_included VARCHAR(4),order_date datetime);
```

```

INSERT INTO
customer_orders(order_id,customer_id,roll_id,not_include_items,extra_items_included,order_date)
values (1,101,1,"",'2021-01-01 18:05:02'),
(2,101,1,"",'2021-01-01 19:00:52'),
(3,102,1,"",'2021-01-02 23:51:23'),
(3,102,2,"','NaN','2021-01-02 23:51:23'),
(4,103,1,'4','','2021-01-04 13:23:46'),
(4,103,1,'4','','2021-01-04 13:23:46'),
(4,103,2,'4','','2021-01-04 13:23:46'),
(5,104,1,null,'1','2021-01-08 21:00:29'),
(6,101,2,null,null,'2021-01-08 21:03:13'),
(7,105,2,null,'1','2021-01-08 21:20:29'),
(8,102,1,null,null,'2021-01-09 23:54:33'),
(9,103,1,'4','1,5','2021-01-10 11:22:59'),
(10,104,1,null,null,'2021-01-11 18:34:49'),
(10,104,1,'2,6','1,4','2021-01-11 18:34:49');

```

```
select * from customer_orders;
```

```
select * from driver_order;
```

```
select * from ingredients;
```

```
select * from driver;
```

```
select * from rolls;
```

```
select * from rolls_recipes;
```

```
--how many total orders were made?
```

```
select count(order_id) from customer_orders
```

```
--how many unique customers placed the orders?
```

```
select count(distinct customer_id) from customer_orders
```

```
select distinct customer_id from customer_orders
```

```
select * from driver_order
```

--how many successful orders were delivered by each driver?

```
select driver_id , count(order_id)
```

```
from driver_order
```

```
where cancellation not in ('Cancellation','Customer Cancellation')
```

```
group by driver_id
```

```
order by driver_id
```

-- how many of each type of roll was ordered?

```
select roll_id , count(roll_id)
```

```
from customer_orders
```

```
group by roll_id
```

--how many each type of rolls were delivered?

```
select co.roll_id , count(co.roll_id)
```

```
from driver_order as do
```

```
left join customer_orders as co
```

```
on do.order_id = co.order_id
```

```
where do.cancellation not in ('Cancellation','Customer Cancellation')
```

```
group by co.roll_id
```

-- how many veg and non veg rolls were ordered by each customers?

```
select co.customer_id , r.roll_name , count(co.order_id)
```

```
from customer_orders as co
```

```
left join rolls as r on co.roll_id=r.roll_id
group by co.customer_id , r.roll_name
order by co.customer_id
```

-- what was the maximum number of rolls ordered in a single order?

```
select * from
(
select * , dense_rank() over(order by num_of_rolls_ordered desc) as rnk from
(
select customer_id , order_id , count(roll_id) as num_of_rolls_ordered
from customer_orders
group by order_id,customer_id
))
where rnk=1
```