



SQL PROJECT

Faasos Sales Analysis

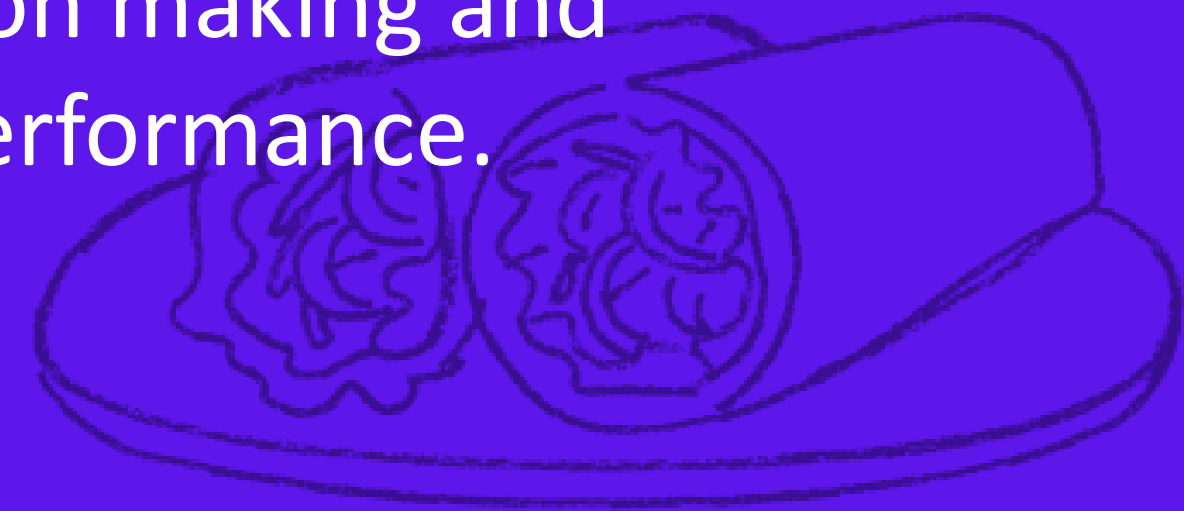
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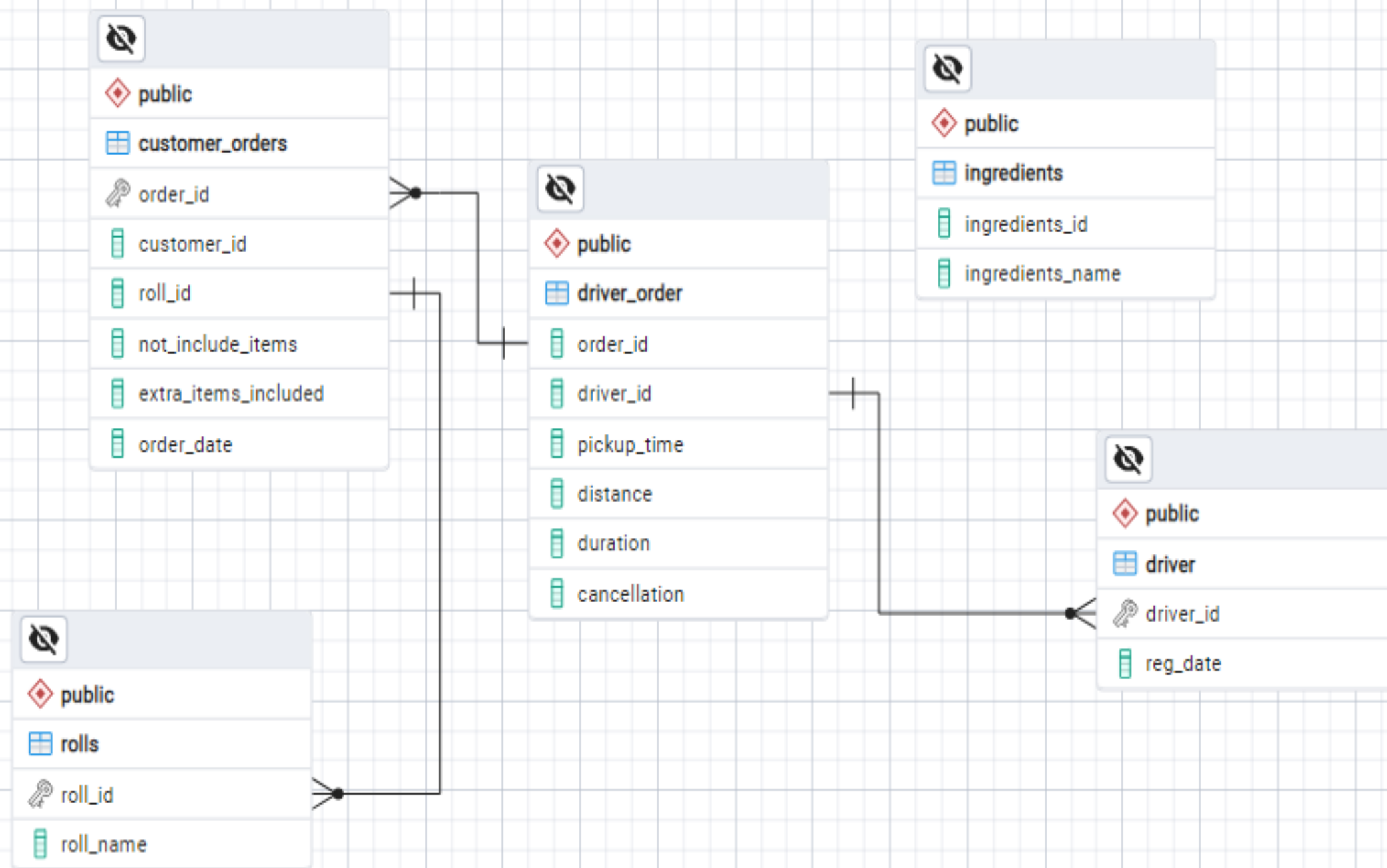


OBJECTIVES

Welcome to my Faasos Sales Analysis Project. Faasos is a Food Ordering Company and I am going to do analysis on the company dataset using **SQL**. Through SQL Queries , Different Types of JOINS and Subqueries i analyzed the dataset to uncover valuable insights that can propel the business forward. let us dive into the fascinating world of Faasos sales analysis and discover the strategic pathways to unlocking our full potential. Aiming to enhance decision making and marketing strategies to boost the performance.



Sales Database Schema



Q 1. How many of each type of roll delivered ?



```
select c.roll_id,roll_name,count(c.order_id)
from customer_orders as c FULL OUTER JOIN driver_order as d on c.order_id = d.order_id
natural join rolls
Where cancellation not in ('Cancellation', 'Customer Cancellation') or cancellation is NULL
Group by c.roll_id, roll_name
order by c.roll_id;
```

Data Output Messages Notifications



| | roll_id integer | | roll_name character varying (30) | | count bigint |
|---|--------------------|--|-------------------------------------|--|-----------------|
| 1 | 1 | | Non Veg Roll | | 9 |
| 2 | 2 | | Veg Roll | | 3 |

Highest roll sales was of
Category Non-Veg



Q2. How many successful order delivered by each driver?



```
Select driver_id, Count(cancellation)as order_counts from driver_order
Where cancellation not in ('Cancellation', 'Customer Cancellation')
Group by driver_id;
```

| Data Output | | | | Messages | Notifications |
|--|-----------|---------|---|--------------|---------------|
| <div><div>≡+</div><div></div><div>▼</div><div></div><div>▼</div><div></div><div></div><div></div><div></div></div> | | | | | |
| | driver_id | integer | 🔒 | order_counts | bigint |
| | | | | | |
| 1 | | 3 | | 1 | |
| 2 | | 2 | | 1 | |
| 3 | | 1 | | 3 | |

Highest counts of order was delivered by driver id 1



Q 3. What was the maximum number of rolls delivered in single order?



```
select c.order_id , count(c.roll_id) as count_rollid
from customer_orders as c FULL OUTER JOIN driver_order as d on c.order_id = d.order_id
Where cancellation not in ('Cancellation', 'Customer Cancellation') or cancellation is NULL
group by c.order_id
order by count_rollid DESC
limit 1;
```

| Data Output | | | | Messages | Notifications |
|-------------|---------------------|--|------------------------|----------|---------------|
| | order_id integer | | count_rollid bigint | | |
| 1 | 4 | | 3 | | |

Max Number of order delivered was by id 4



Q4. what was the no. of order for each day of the week?

```
Select count( distinct order_id) as order_count, (date_part('dow', order_date::TIMESTAMP ) )as week
from customer_orders
group by week
order by week
```

| Data Output | | | | | Messages | Notifications |
|-------------|-------------|---|------------------|--|----------|---------------|
| | order_count | | week | | | |
| | bigint | | double precision | | | |
| 1 | 1 | 0 | SUN | | | |
| 2 | 2 | 1 | MON | | | |
| 3 | 5 | 5 | FRI | | | |
| 4 | 2 | 6 | SAT | | | |

HIGHEST ORDER COUNT IS ON SATURDAY



Q 5. For each customer , how many delivered rolls had at least 1 change and how many had no changes?



```
WITH temp_driver_order AS (  
  select order_id,driver_id,pickup_time,distance,duration,cancellation,  
  case  
  when cancellation in ('Cancellation','Customer Cancellation') then 0  
  else 1  
  end as new_cancellation  
  from driver_order)  
, temp_customer_order AS (  
  SELECT order_id, customer_id, roll_id, not_include_items, extra_items_included, order_date,  
  case  
  when not_include_items is null or not_include_items = ' ' then '0'  
  else not_include_items end as new_not_include_items,  
  case  
  when extra_items_included is null or extra_items_included = ' ' or extra_items_included = 'NaN' then '0'  
  else extra_items_included  
  end as new_extra_items_included  
  from customer_orders)  
select count(order_id)as order_count, customer_id, changed_items from  
(  
  select order_id ,customer_id, new_not_include_items, new_extra_items_included,  
  case when new_not_include_items = '0' and new_extra_items_included = '0' then 'no change'  
  else 'change' end as changed_items  
  from temp_customer_order  
  where order_id in (select order_id from temp_driver_order where new_cancellation!=0))as a  
group by customer_id, changed_items
```

Output

| | order_count bigint | customer_id integer | changed_items text |
|---|-----------------------|------------------------|-----------------------|
| 1 | 1 | 105 | change |
| 2 | 3 | 103 | change |
| 3 | 2 | 101 | no change |
| 4 | 2 | 104 | change |
| 5 | 1 | 104 | no change |
| 6 | 3 | 102 | no change |

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Q6. How many veg and non veg rolls were ordered by each customer?



```
select c.roll_id,roll_name,count(c.order_id),c.customer_id
from customer_orders as c FULL OUTER JOIN driver_order as d on c.order_id = d.order_id
natural join rolls
Where cancellation not in ('Cancellation', 'Customer Cancellation') or cancellation is NULL
Group by c.roll_id, roll_name,c.customer_id
order by c.roll_id;
```

| | roll_id integer | roll_name character varying (30) | count bigint | customer_id integer |
|---|--------------------|-------------------------------------|-----------------|------------------------|
| 1 | 1 | Non Veg Roll | 2 | 101 |
| 2 | 1 | Non Veg Roll | 2 | 102 |
| 3 | 1 | Non Veg Roll | 2 | 103 |
| 4 | 1 | Non Veg Roll | 3 | 104 |
| 5 | 2 | Veg Roll | 1 | 102 |
| 6 | 2 | Veg Roll | 1 | 103 |
| 7 | 2 | Veg Roll | 1 | 105 |

EACH COUNT FOR
CUSTOMER ID FOR TWO
DIFFERENT ROLL



Q 7. How many unique customer orders were made?

```
Select Count(Distinct customer_id)
from customer_orders;
```

| Data Output | | Messages | Notifications |
|-------------|-----------------|----------|---------------|
| | count bigint | | |
| 1 | 5 | | |

5 UNIQUE CUSTOMERS
GIVES THE ORDER





THANKYOU FOR VISITING MY SLIDE

