

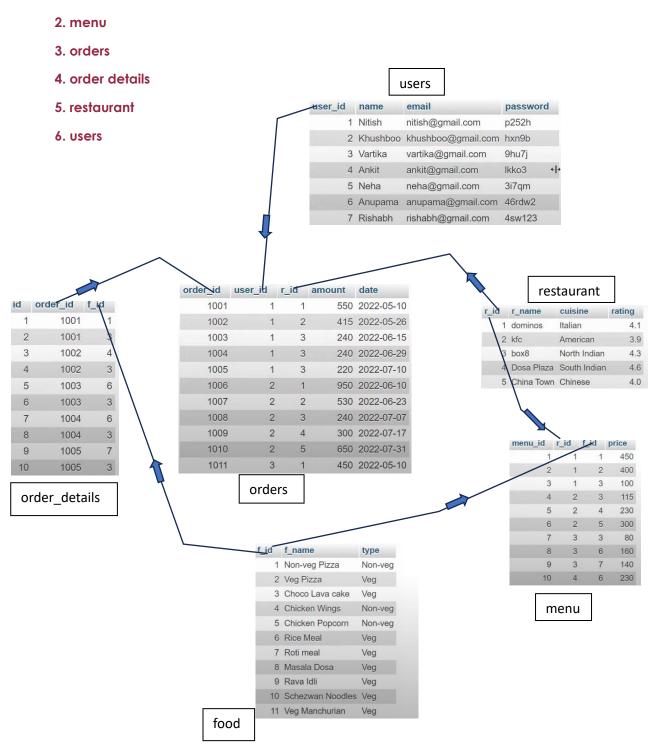
SWIGGY SQL CASE STUDY:



By Akarshan Kapoor

Tables:





Questions & Solutions:

1. Find the customers who never ordered

```
SELECT name FROM users
WHERE user_id NOT IN ( SELECT user_id FROM order );
```

2. Average price per dish

```
SELECT f.food_name, AVG(price) AS 'Avg_price'
FROM menu m
JOIN food f
ON m.food_id = f.food_id
GROUP BY food_id;
```

3. Find the top restaurants in terms of number of orders for a given month

```
SELECT r.r_name, COUNT(*) AS 'month'
FROM orders o
JOIN restaurants r
ON o.r_id = r.r_id
WHERE MONTHNAME(date) LIKE 'June' #june_month
GROUP BY o.r_id
ORDER BY COUNT(*) DESC
LIMIT 1;
```

4. Restaurants with monthly sales > x for

```
SELECT r.r_name, SUM(amount) AS 'revenue'
FROM orders o
   JOIN restaurant r
   ON o.r_id = r.r_id
   WHERE MONTHNAME(date) LIKE 'JUNE'
   GROUP BY r_id
   HAVING revenue >500;
```

5. Show all orders with the order details for a particular customer in a particular date range

```
SELECT o.oorr_id,r.r_id
FROM orders o
JOIN rstuarants r
```

```
ON r.rid = o.r_id
JOIN order_details od
ON o.order_id = od.order_id
JOIN food f
ON f.f_id = od.f_id
WHERE user_id = ( SELECT user_id FROM users WHERE name LIKE 'Ankit')
AND ( date > '2206-10' AND dat < '2022-07-10');</pre>
```

6. Find the restaurants with max repeated customers.

7. Month over revenue growth of swiggy.

```
SELECT month, ((revenue - prev)/pev)*100
   FROM (

WITH sales AS
  (
    SELECT *, MONTHNAME(date) AS 'month', SUM(amount) AS 'revenue'
   FROM orders
   GROUP BY MOTHNAME(date)
   ORDER BY MONTH(date)
  )

SELECT month, revenue, LAG(revenue, 1) OVER ( ORDE BY revenue) AS
prev
  FROM sales
    ) t
```

8. Customers --> favorite food

```
WITH temp AS
   (
     SELECT o.user_id, od.f_id, COUT(*) AS 'frequency'
     FROM orders o
```

Follow me for more .. click here