



The Charm of Food in India

SWIGGY SALES DATA ANALYSIS PROJECT
WITH SQL QUERY

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About Us

Swiggy is an Indian online food ordering and delivery company that also offers quick commerce and package delivery services:



Introduction

Swiggy is an Indian online food ordering and delivery company. Founded in 2014, Swiggy is headquartered in Bangalore and operates in more than 580 Indian cities, as of July 2023.[4] Besides food delivery, the platform also provides quick commerce services under the name Swiggy Instamart, and same-day package deliveries with Swiggy Genie.

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OUR OBJECTIVE

Swiggy's value proposition is to provide fast, convenient and reliable food delivery service to its customers. The platform allows customers to search for nearby restaurants, view menus, place orders and track deliveries in real-time





Traditional Cuisine

Popular dishes are masala dosa, chicken fried rice, and paneer butter masala. But the most ordered dish on Swiggy still remains Biryani. Swiggy, the popular food delivery app in India, has released the list of stuff people most order in the country, and the results might not surprise you.





WRITE THE QUERY OF THE FOLLOWING QUESTION:-

- Display all customers who live in 'Delhi'.
- Find the average rating of all restaurants in 'Mumbai'.
- List all customers who have placed at least one order.
- Display the total number of orders placed by each customer.
- Find the total revenue generated by each restaurant.
- Find the top 5 restaurants with the highest average rating.
- Display all customers who have never placed an order.
- Find the number of orders placed by each customer in 'Mumbai'.
- Display all orders placed in the last 30 days.
- List all delivery partners who have completed more than 1 delivery
- Find the customers who have placed orders on exactly three different days.
- Find the delivery partner who has worked with the most different customers.
- Identify customers who have the same city and have placed orders at the same restaurants, but on different dates.



Display all customers who live in 'Delhi'.

```
select customer_id, name from customers where city = "delhi"
```

Find the average rating of all restaurants in 'Mumbai'.

```
SELECT  
    ROUND(AVG(rating), 2) AS avg_ratings  
FROM  
    restaurants  
WHERE  
    city = 'mumbai';
```



List all customers who have placed at least one order

```
SELECT DISTINCT
    customers.customer_id, customers.name
FROM
    customers
    INNER JOIN
    orders ON customers.customer_id = orders.customer_id;
```




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Display the total number of orders placed by each customer.

```
SELECT
    customers.customer_id,
    customers.name,
    COUNT(orders.order_id) total_orders
FROM
    customers
    LEFT JOIN
        orders ON customers.customer_id = orders.customer_id
GROUP BY customers.customer_id , customers.name;
```




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Find the total revenue generated by each restaurant.

```
SELECT
    restaurants.restaurant_id,
    restaurants.name,
    COALESCE(SUM(orders.total_amount), 0) AS revenue
FROM
    restaurants
    LEFT JOIN
    orders ON restaurants.restaurant_id = orders.restaurant_id
GROUP BY restaurants.restaurant_id , restaurants.name;
```




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Find the top 5 restaurants with the highest average rating

```
SELECT
    restaurant_id, name, AVG(rating) avg_rating
FROM
    restaurants
GROUP BY restaurant_id , name
ORDER BY avg_rating DESC
LIMIT 5;
```




Display all customers who have never placed an order.

```
SELECT
    customers.customer_id,
    customers.name,
    COUNT(orders.order_id)
FROM
    customers
    LEFT JOIN
        orders ON customers.customer_id = orders.customer_id
GROUP BY customers.customer_id , customers.name
HAVING COUNT(orders.order_id) = 0;
```




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Find the number of orders placed by each customer in 'Mumbai'.

```
SELECT
    customers.customer_id,
    customers.name,
    COUNT(orders.order_id) total_orders
FROM
    customers
    LEFT JOIN
    orders ON orders.customer_id = customers.customer_id
WHERE
    customers.city = 'mumbai'
GROUP BY customers.customer_id , customers.name;
```




Display all orders placed in the last 30 days.

```
SELECT
    *
FROM
    orders
WHERE
    order_date >= CURDATE() - INTERVAL 30 DAY;
```




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List all delivery partners who have completed more than 1 delivery

```
SELECT DISTINCT
    deliverypartners.partner_id, deliverypartners.name
FROM
    deliverypartners
    JOIN
        orderdelivery ON deliverypartners.partner_id = orderdelivery.partner_id
    JOIN
        deliveryupdates ON orderdelivery.order_delivery_id = deliveryupdates.delivery_id
WHERE
    deliveryupdates.status = 'delivered';
```




Find the customers who have placed orders on exactly three different days

```
FROM
    customers
    JOIN
        orders ON customers.customer_id = orders.customer_id
GROUP BY customers.customer_id , customers.name
HAVING COUNT(DISTINCT orders.order_date) = 3;
```




Find the delivery partner who has worked with the most different customers.

```
SELECT
    deliverypartners.partner_id,
    deliverypartners.name,
    COUNT(DISTINCT orders.customer_id) customer_count
FROM
    deliverypartners
    JOIN
    orderdelivery ON deliverypartners.partner_id = orderdelivery.partner_id
    JOIN
    orders ON order_delivery_id = orders.order_id
GROUP BY deliverypartners.partner_id , deliverypartners.name
ORDER BY customer_count DESC
LIMIT 1;
```




Identify customers who have the same city and have placed orders at the same restaurants, but on different dates.

```
SELECT
    c1.name AS customer1,
    c2.name AS customer2,
    c1.city AS city1,
    c2.city AS city2,
    restaurants.name
FROM
    customers AS c1
    JOIN
    orders AS o1 ON c1.customer_id = o1.customer_id
    JOIN
    orders AS o2 ON o2.restaurant_id = o1.restaurant_id
    JOIN
    customers AS c2 ON c1.city = c2.city AND c1.name <> c2.name
    AND o2.customer_id = c2.customer_id
    JOIN
    restaurants ON o1.restaurant_id = restaurants.restaurant_id
WHERE
    o1.order_date <> o2.order_date;
```




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Thank You

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