



# SWIGGY

Ghar ka Khana, Saath Mein Thoda  
Swiggy'!

SQL queries with intricate joins

Presented by @elizabethpillai

# 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.



# QUERY USING “WHERE” CLAUSE

```
## Find the average rating of all restaurants in 'Mumbai'.  
SELECT  
    city, AVG(rating)  
FROM  
    restaurants  
WHERE  
    city = 'mumbai';
```

# QUERY USING “WHERE” CLAUSE

```
## Display all customers who live in 'Delhi'  
• SELECT  
    *  
FROM  
    customers  
WHERE  
    city = 'delhi';
```

# QUERY USING “JOIN”

```
## List all customers who have placed at least one order.  
SELECT DISTINCT  
    customers.name  
FROM  
    customers  
    JOIN  
    orders ON customers.customer_id = orders.customer_id;
```

# QUERY USING “LEFT JOIN & GROUP BY”

## Display the total number of orders placed by each customer.

• **SELECT**

**customers.name, COUNT(orders.order\_id) AS total\_orders**

**FROM**

**customers**

**LEFT JOIN**

**orders ON customers.customer\_id = orders.customer\_id**

**GROUP BY customers.name;**



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# QUERY USING “ORDER BY & LIMIT”

```
## Find the top 5 restaurants with the highest average rating.  
SELECT  
    name, rating  
FROM  
    restaurants  
ORDER BY rating DESC  
LIMIT 5;
```



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# QUERY USING “WHERE” CLAUSE

```
## Display all orders placed in the last 30 days.
```

```
SELECT
```

```
*
```

```
FROM
```

```
orders
```

```
WHERE
```

```
order_date >= DATE_SUB(CURDATE(), INTERVAL 30 DAY);
```



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# QUERY USING “LEFT JOIN & GROUP BY”

```
## Find the total revenue generated by each restaurant.  
SELECT  
    restaurants.name, SUM(orders.total_amount)  
FROM  
    restaurants  
    LEFT JOIN  
    orders ON orders.restaurant_id = restaurants.restaurant_id  
GROUP BY restaurants.name;
```



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# QUERY USING “JOIN, GROUP BY & HAVING”

```
## List all delivery partners who have completed more than 1 delivery

• SELECT
    deliverypartners.name, COUNT(orderdelivery.order_id)
FROM
    deliverypartners
        JOIN
            orderdelivery ON deliverypartners.partner_id = orderdelivery.partner_id
GROUP BY deliverypartners.name
HAVING COUNT(orderdelivery.order_id) > 1;
```



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# QUERY USING “LEFT JOIN”

```
## Display all customers who have never placed an order.  
SELECT  
    customers.name, orders.order_id  
FROM  
    customers  
    LEFT JOIN  
    orders ON customers.customer_id = orders.customer_id  
WHERE  
    orders.order_id IS NULL;
```

# QUERY USING “GROUP BY”

```
## Find the number of orders placed by each customer in 'Mumbai'.  
  
SELECT  
    customers.name, COUNT(orders.order_id)  
FROM  
    customers  
    LEFT JOIN  
    orders ON customers.customer_id = orders.customer_id  
WHERE  
    customers.city = 'mumbai'  
GROUP BY customers.name;
```

# QUERY USING “JOIN, GROUP BY, HAVING”

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

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



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# QUERY USING “GROUP BY, ORDER BY, JOIN”

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

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

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# BYE-BYE

Thank you for following my journey  
in SQL with swiggy dataset. See ya!!

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