



— Food & Beverages Delivery Company Project  
using MySQL, Presented by Vishesh Kumar.



# About **Swiggy**

- 👉 Swiggy is one of India's leading online food delivery platforms, known for its quick and efficient service.
- 👉 It was founded in August 2014 by Sriharsha Majety, Nandan Reddy, and Rahul Jaimini.
- 👉 Swiggy operates primarily as a food ordering and delivery service, connecting customers with a wide variety of restaurants through its app and website.





# Key Features Of **Swiggy**

**User-Friendly Interface** : Swiggy's app and website are designed to be intuitive, allowing users to easily browse through menus, place orders, and track deliveries in real-time.

**Wide Restaurant Network** : Swiggy partners with a diverse range of restaurants, from local eateries to popular chains, offering customers a vast selection of cuisines.

**Swiggy Instamart** : Swiggy's quick commerce service for delivering groceries and daily essentials within 15-30 minutes.

**Subscription Services** : Swiggy offers subscription-based services like Swiggy SUPER, which provides benefits like free deliveries and exclusive discounts.

**Technology-Driven Operations** : Swiggy uses advanced algorithms for route optimization, ensuring fast deliveries. It also leverages AI and machine learning for personalized recommendations and customer engagement.

**Swiggy Access** : This initiative provides kitchen spaces to restaurant partners in strategic locations, enabling them to reach more customers without the need for a physical dine-in setup.

# Business Model Of Swiggy



**Commission from Restaurants** : Swiggy charges a commission on the orders it facilitates for restaurants.



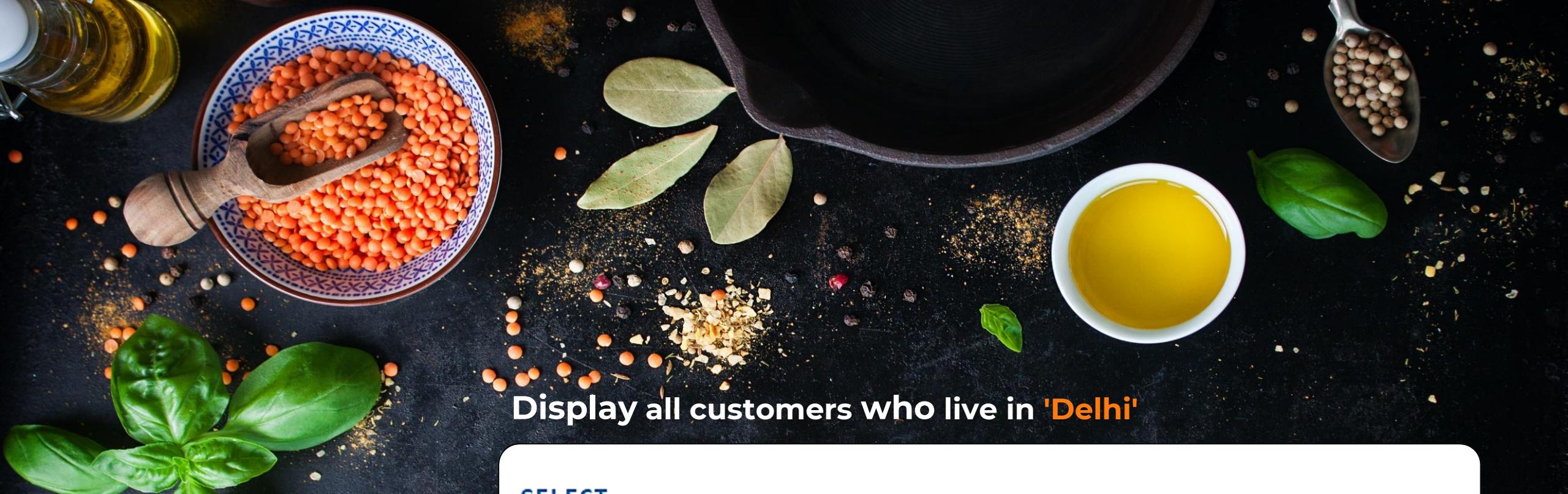
**Delivery Charges** : Customers pay a delivery fee based on their location, order size, and restaurant distance.



**Advertising and Listing Fees** : Restaurants can pay to be featured or promoted on the platform.



**Subscription Revenue** : From services like Swiggy SUPER.



Display all customers who live in 'Delhi'

```
SELECT  
  *  
FROM  
  customers  
WHERE  
  city = 'Delhi';
```



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



```
SELECT  
    city, AVG(rating)  
FROM  
    restaurants  
WHERE  
    city = 'Mumbai';
```



*Mumbai*

**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;
```



# Customer Data



List all the Customer who have placed atleast one order

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



Display the total number of orders placed by each customer

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



# Customer Data



Display all customers who have never placed an order

```
SELECT DISTINCT  
    customers.name, orders.order_id  
FROM  
    customers  
        LEFT JOIN  
    orders ON customers.customer_id = orders.customer_id  
WHERE  
    orders.order_id IS NULL;
```



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  
;
```





**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;
```

**Find the top 5 restaurants with the highest average rating**

```
SELECT
    name, rating
FROM
    restaurants
ORDER BY rating DESC
LIMIT 5;
```





## Our Top 5 Restaurants

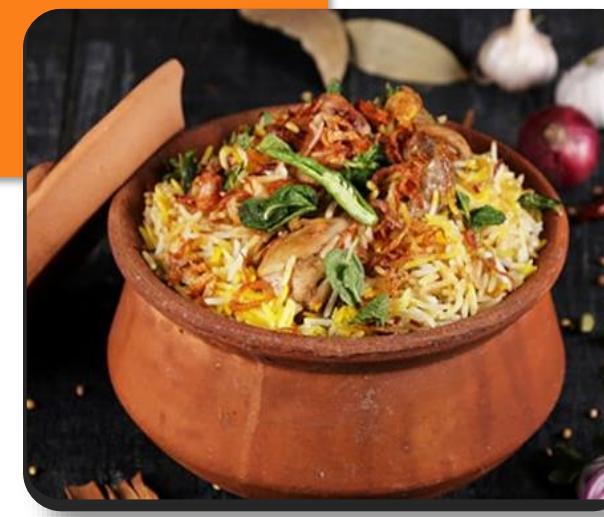
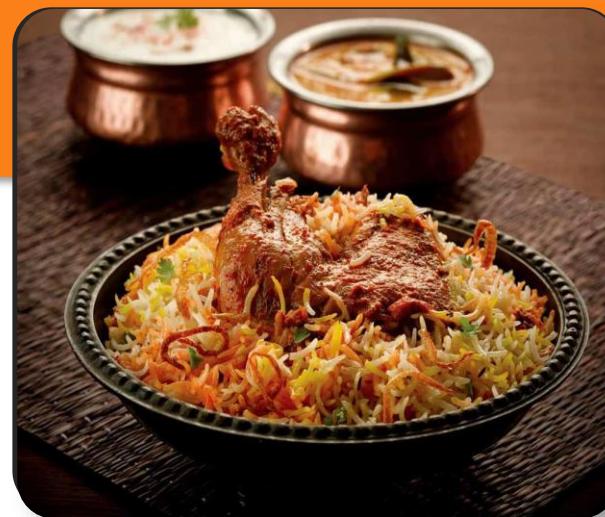
- Biryani House
- Paradise Biryani
- Lucknowi Nawabi
- Royal Biryani
- Flavours Of Bengal



New



# Our Top Restaurants





List all the **delivery** partners who have completed more than **one delivery**

```
SELECT
    deliverypartners.name, COUNT(orderdelivery.order_id)
FROM
    deliverypartners
        JOIN
    orderdelivery ON deliverypartners.partner_id = orderdelivery.partner_id
        JOIN
    deliveryupdates ON deliveryupdates.order_id = orderdelivery.order_id
WHERE
    deliveryupdates.status > 'Failed'
GROUP BY deliverypartners.name
HAVING COUNT(orderdelivery.order_id) > 1;
```



MOJO Pizza - 2X...

★ 4.4 • 20-30 mins

Pizzas, Italian, Fast Food,...  
Kandivali East



Sandwizzaa- Mumbai's...

★ 4.6 • 15-20 mins

Snacks, Fast Food,...  
Kandivali East



Chinese Wok

★ 4.2 • 15-20 mins

Chinese, Asian, Tibetan,...  
Kandivali East



1441 Pizzeria

★ 4.1 • 20-25 mins

Italian, Pizzas, Pastas  
Kandivali East



Cafe Delight

★ 4.1 • 30-35 mins

Indian, Tandoor  
M G Road



Display all orders placed in the last **30Days**

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



Home /Delhi /Biryani

### Best Biryani Restaurants in Delhi

1 Filter Sort By Fast Delivery New on Swiggy Ratings 4.0+ Pure Veg Offers Rs. 300-Rs. 600 Less than Rs. 3



UBQ by Barbeque Nation  
★ 3.9 • 30-35 mins  
North Indian, Barbecue,...  
Punjabi Bagh



Thalairaj Biryani  
★ 4.5 • 35-40 mins  
Andhra, Biryani, Hyderaba...  
Janakpuri



Dum Safar Biryani  
★ 4.3 • 30-35 mins  
Biryani, Kebabs, Tandoor,...  
Rajouri Garden



Food Scouts  
★ 4.1 • 30-35 mins  
Continental, North Indian,...  
Rajouri Garden

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

**SELECT**

```
    deliverypartners.partner_id,  
    deliverypartners.name,  
    COUNT(DISTINCT orders.customer_id) AS diff_customers
```

**FROM**

```
    deliverypartners
```

**JOIN**

```
    orderdelivery ON deliverypartners.partner_id = orderdelivery.partner_id
```

**JOIN**

```
    orders ON orderdelivery.order_id = orders.order_id
```

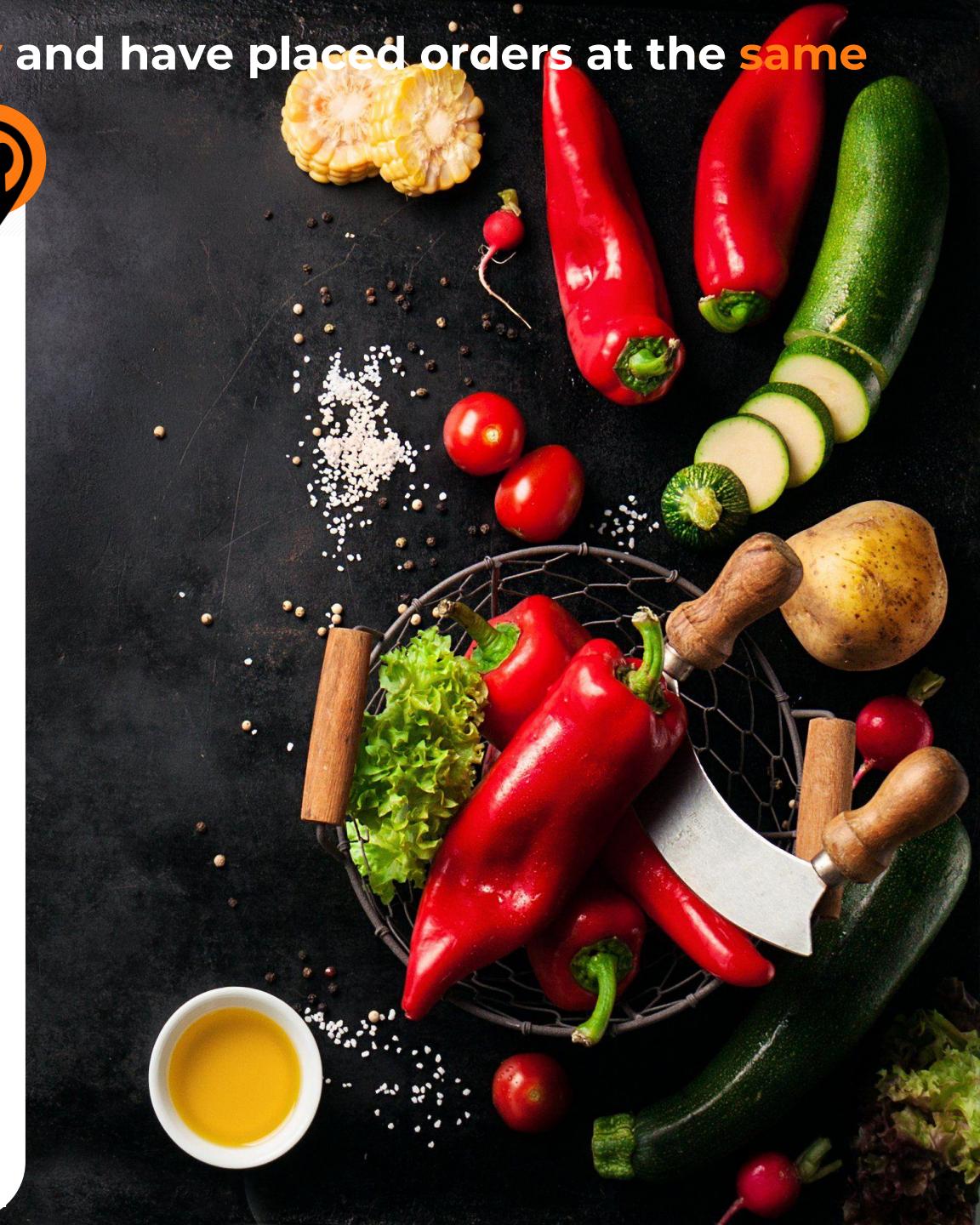
**GROUP BY** deliverypartners.partner\_id , deliverypartners.name**order by** diff\_customers **desc limit 1;**



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



```
SELECT DISTINCT
    c1.name AS customer1,
    c2.name AS customer2,
    c1.city,
    o1.restaurant_id,
    r.name,
    DATE(o1.order_date) AS order_date1,
    DATE(o2.order_date) AS order_date2
FROM
    customers c1
        JOIN
    orders o1 ON c1.customer_id = o1.customer_id
        JOIN
    customers c2 ON c1.city = c2.city
        JOIN
    orders o2 ON c2.customer_id = o2.customer_id
        JOIN
    restaurants r ON r.restaurant_id = o1.restaurant_id
WHERE
    o1.restaurant_id = o2.restaurant_id
        AND DATE(o1.order_date) <> DATE(o2.order_date)
        AND c1.customer_id < c2.customer_id
ORDER BY c1.city , o1.restaurant_id , order_date1;
```





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