



Insight 01:

A Comprehensive Overview of Swiggy Orders.

```
SELECT * FROM swiggy ;
```

| City | Restaurant | Price | Avg_ratings | Total_ratings | Food_type | Address |
|-----------|--|-------|-------------|---------------|--|--------------|
| Bangalore | Tandoor Hut | 300 | 4.4 | 100 | Biryani,Chinese,North Indian,South Indian | 5Th Block |
| Bangalore | Tunday Kababi | 300 | 4.1 | 100 | Mughlai,Lucknowi | 5Th Block |
| Bangalore | Kim Lee | 650 | 4.4 | 100 | Chinese | Double Road |
| Bangalore | New Punjabi Hotel | 250 | 3.9 | 500 | North Indian,Punjabi,Tandoor,Chinese | 80 Feet Road |
| Bangalore | Nh8 | 350 | 4 | 50 | Rajasthani,Gujarati,North Indian,Snacks,Desse... | 80 Feet Road |
| Bangalore | Treat | 800 | 4.5 | 100 | Mughlai,North Indian | 100 Feet Roa |
| Bangalore | Chinita Real Mexican Food | 1000 | 4.5 | 500 | Mexican,Beverages,Salads | Double Road |
| Bangalore | Cupcake Noggins - Cakespastries And Desserts | 150 | 4.3 | 100 | Desserts,British,Bakery,Pizzas,Snacks | 4Th Block |
| Bangalore | Tea Brew | 350 | 4.1 | 100 | American,Italian,Beverages,Continental,Chines... | Double Road |
| Bangalore | Bangaliana | 300 | 4 | 500 | Bengali | 7Th Block |
| Bangalore | Bamey'S Restro Cafe | 400 | 4.4 | 100 | Chinese,Thai,Nepalese | 5Th Block |
| Bangalore | Altaf'S Chillies Restaurants | 250 | 4.3 | 500 | North Indian,Chinese | Cooke Town |
| Bangalore | Chichabas Taj | 532 | 4.2 | 100 | Mughlai,North Indian,Biryani | Mm Road |



SWIGGY

Swiggy's City Expansion

| TotalCities | 9 |
|-------------|---|
|-------------|---|

```
Select Count(Distinct  
City) as TotalCities  
From swiggy ;
```

| TotalOrders | 8680 |
|-------------|------|
|-------------|------|

```
Select Count(Distinct  
ID) as TotalOrders  
From swiggy ;
```

Swiggy's Completed Order Count

Some Important KPIs of Report

```
Select Count(Distinct  
Restaurant) as  
TotalRestaurants  
From swiggy ;
```

| TotalRestaurants | 7865 |
|------------------|------|
|------------------|------|

```
Select sum(Price)  
as TotalCostINR  
From swiggy ;
```

| TotalCostINR | 3024498 |
|--------------|---------|
|--------------|---------|

Swiggy's Total Order Revenue





SWIGGY

```
SELECT  
City, COUNT(DISTINCT Restaurant)  
as ResturantCount  
FROM  
swiggy  
GROUP BY City  
ORDER BY 2 DESC;
```

Insight 02: City wise Restaurant Network.

| City | ResturantCount |
|-----------|----------------|
| Kolkata | 1325 |
| Mumbai | 1253 |
| Chennai | 1096 |
| Pune | 1080 |
| Hyderabad | 1030 |
| Bangalore | 938 |
| Ahmedabad | 709 |
| Delhi | 611 |
| Surat | 505 |



Insight 03:

Exploring the Best: Top 10 Restaurants in India, Their Cuisine, and Average Delivery Times.

```
SELECT
Restaurant, Food_type,
Avg_ratings, Delivery_time
FROM
swiggy WHERE
Avg_ratings >= 3
GROUP BY Restaurant ,
Food_type , Avg_ratings ,
Delivery_time
ORDER BY 2 , 3
LIMIT 10;
```

| Restaurant | Food_type | Avg_ratings | Total_ratings | AvgDeliveryTime |
|--------------------------------------|--|-------------|---------------|-----------------|
| Afresh | Healthy Food,Salads,Desserts,Beverages | 5 | 20 | 50.0000 |
| Keventers Ice Creamery | Ice Cream,Desserts | 5 | 20 | 45.0000 |
| Creams & Bites | Ice Cream | 5 | 20 | 50.0000 |
| Diamond Market Pizza Jp | Italian | 5 | 20 | 43.0000 |
| Get In My Belly | Indian | 5 | 20 | 58.0000 |
| Zorro - Milkshakes And Thickshakes | Beverages | 5 | 20 | 46.0000 |
| Papacream | Ice Cream | 5 | 20 | 52.0000 |
| Nivala Apka Apna | North Indian,Chinese,Indian | 5 | 20 | 48.0000 |
| Tricky Shakes | Ice Cream,Beverages | 5 | 20 | 62.0000 |
| Splurge - Thickshakes And Milkshakes | Desserts Ice Cream Beverages | 5 | 20 | 45.0000 |



Insight 04:

Order Insights by Restaurant: Total Orders, Minimum, Maximum, and Average Delivery Times.

```
SELECT
Restaurant,
COUNT(ID) AS NoOfOrders,
MAX(Delivery_time) AS MaxDelTime,
MIN(Delivery_time) AS MinDelTime,
AVG(Delivery_time) AS AvgDelTime
FROM
swiggy
GROUP BY Restaurant
ORDER BY COUNT(ID) DESC;
```

| Restaurant | NoOfOrders | MaxDelTime | MinDelTime | AvgDelTime |
|-------------------------------------|------------|------------|------------|------------|
| La Pino'Z Pizza | 13 | 57 | 32 | 45.1538 |
| Subway | 10 | 53 | 29 | 38.1000 |
| Baskin Robbins | 10 | 61 | 27 | 37.1000 |
| Nic Natural Ice Creams | 10 | 52 | 23 | 35.9000 |
| Keventers - Milkshakes And Desserts | 9 | 62 | 35 | 47.4444 |
| Natural Ice Cream | 9 | 50 | 27 | 35.6667 |
| Kfc | 9 | 59 | 35 | 44.6667 |
| Oven Story Pizza | 9 | 66 | 36 | 46.8889 |
| Behrouz Biryani | 9 | 55 | 33 | 43.1111 |
| Pizza Hut | 9 | 49 | 33 | 38.4444 |
| Firangi Bake | 8 | 55 | 38 | 44.1250 |
| Cafe Coffee Day | 8 | 61 | 32 | 42.6250 |
| Sweet Truth - Cake And Desserts | 8 | 51 | 29 | 41.3750 |



Insight 05:

Citywise Food Trends: Identifying the Most Demanded Food Types in Each Area

```
SELECT  
    City, Food_type,  
    COUNT(ID) AS  
    NoOfOrders FROM  
    swiggy  
    GROUP BY City ,  
    Food_type ORDER BY 3  
    DESC;
```

| City | Food_type | NoOfOrders |
|-----------|--------------|------------|
| Hyderabad | South Indian | 76 |
| Kolkata | Indian | 66 |
| Mumbai | Chinese | 64 |
| Chennai | Indian | 56 |
| Mumbai | Indian | 55 |
| Ahmedabad | Indian | 53 |
| Kolkata | Chinese | 52 |
| Chennai | South Indian | 49 |
| Pune | Chinese | 48 |
| Delhi | North Indian | 47 |
| Pune | Indian | 47 |



SWIGGY

```
SELECT
Restaurant, Food_type,
AVG(Price) AS
AvgCostOfRestaurant
FROM
swiggy
GROUP BY Restaurant , Food_type
ORDER BY 3 DESC;
```

Insight 06: Average Cost Analysis by Restaurant

| Restaurant | Food_type | AvgCostOfRestaurant |
|--------------------------------------|--|---------------------|
| Malgudi - The Savera Hotel | North Indian,South Indian | 2500.0000 |
| Origami Japanese & Korean Restaurant | Japanese,Korean,Barbecue | 2500.0000 |
| Itc Windsor - Gourmet Couch | North Indian,Mughlai,Biryani,Grill,Seafood,Kebab | 2500.0000 |
| Conrad Pune | Continental,Italian | 2000.0000 |
| Yauatcha | Chinese | 2000.0000 |
| Cafe Delhi Heights | Asian,Continental | 2000.0000 |
| Lubov Patisserie By Frozen Bottle | Bakery | 2000.0000 |
| Sante Spa Cuisine | Healthy Food,Salads,Pizzas | 1900.0000 |
| Pukhtaan | Mughlai,North Indian | 1900.0000 |
| Chin Chin - The Residency | Chinese | 1900.0000 |
| O Pedro | Goan,Portuguese | 1800.0000 |



SWIGGY

```
SELECT
    Areas, Food_type, Avg_ratings,
    COUNT(ID) AS NoOfOrders
FROM
    swiggy WHERE
    City = 'Delhi'
GROUP BY Areas , Food_type ,
Avg_ratings
ORDER BY 4 DESC;
```

Insight 07:

Most Orders at Delhi

| Areas | Food_type | Avg_ratings | NoOfOrders |
|-------------------------|-----------------------------|-------------|------------|
| Rohini | North Indian | 2.9 | 13 |
| Rohini | Indian | 2.9 | 8 |
| Rohini | Chinese | 2.9 | 6 |
| Rohini | Snacks | 2.9 | 5 |
| Paschim Vihar | Healthy Food | 2.9 | 5 |
| Paschim Vihar | Desserts | 2.9 | 5 |
| Rohini | Biryani,Chinese,Beverages | 2.9 | 5 |
| Tagore Garden Extension | Bakery | 2.9 | 4 |
| Rohini | North Indian,Chinese | 2.9 | 3 |
| Rohini | Chinese,Indian | 2.9 | 3 |
| Rohini | North Indian,Biryani,Com... | 4 | 3 |



SWIGGY

```
select
    cast(avg_ratings as
decimal(10,1)) as rating,
    count(*) as
number_of_restaurants
from
    swiggy
group by
    cast(avg_ratings as
decimal(10,1))
order by
    cast(avg_ratings as
decimal(10,1)) desc;
```

Insight 08:

Rating with restaurants

| | rating numeric (10,1) | number_of_restaurants bigint |
|----|--------------------------|---------------------------------|
| 1 | 5.0 | 36 |
| 2 | 4.9 | 30 |
| 3 | 4.8 | 58 |
| 4 | 4.7 | 192 |
| 5 | 4.6 | 332 |
| 6 | 4.5 | 676 |
| 7 | 4.4 | 1146 |
| 8 | 4.3 | 1584 |
| 9 | 4.2 | 1508 |
| 10 | 4.1 | 1400 |
| 11 | 4.0 | 1048 |
| 12 | 3.9 | 842 |
| 13 | 3.8 | 626 |
| 14 | 3.7 | 414 |
| 15 | 3.6 | 236 |
| 16 | 3.5 | 190 |
| 17 | 3.4 | 120 |
| 18 | 3.3 | 102 |
| 19 | 3.2 | 90 |
| 20 | 3.1 | 52 |
| 21 | 3.0 | 50 |
| 22 | 2.9 | 6558 |
| 23 | 2.8 | 30 |



SWIGGY

```
select
    count(case when price <= 200 then 1 end) as cheap,
    count(case when price > 200 and price <= 500 then 1
end) as moderate,
    count(case when price > 500 then 1 end) as expensive
from swiggy;
```

Insight 09:

Price Range Analysis:

A screenshot of a database interface titled "Running with Restaurants". The interface includes tabs for "Data Output", "Messages", and "Notifications". Below the tabs is a toolbar with various icons. A table is displayed with three columns: "cheap", "moderate", and "expensive". Each column has a data type of "bigint" and a lock icon. The values in the table are 5512, 9818, and 2030 respectively.

| cheap | moderate | expensive |
|-------|----------|-----------|
| 5512 | 9818 | 2030 |

**SWIGGY**

```
with foodtypecounts as (
    select
        city,
        food_type,
        count(*) as frequency
    from
        swiggy
    group by
        city, food_type
)
select
    city,
    food_type,
    frequency,
    rank() over (partition by city order by frequency desc) as popularity_rank
from
    foodtypecounts;
```

Insight 11:

Popular Food Types by City: Identify the most popular food types in each city.

| | city character varying (100) | food_type character varying (255) | frequency bigint | popularity_rank bigint |
|----|---------------------------------|--------------------------------------|---------------------|---------------------------|
| 1 | Ahmedabad | Indian | 106 | 1 |
| 2 | Ahmedabad | North Indian | 60 | 2 |
| 3 | Ahmedabad | Fast Food | 52 | 3 |
| 4 | Ahmedabad | Indian,Chinese | 42 | 4 |
| 5 | Ahmedabad | Pizzas | 28 | 5 |
| 6 | Ahmedabad | South Indian | 26 | 6 |
| 7 | Ahmedabad | Snacks | 26 | 6 |
| 8 | Ahmedabad | Indian,Chinese,Continental | 24 | 8 |
| 9 | Ahmedabad | Chinese | 20 | 9 |
| 10 | Ahmedabad | Bakery | 18 | 10 |
| 11 | Ahmedabad | Snacks,Fast Food | 18 | 10 |
| 12 | Ahmedabad | North Indian,Chinese | 18 | 10 |
| 13 | Ahmedabad | Desserts,Beverages | 16 | 13 |
| 14 | Ahmedabad | Ice Cream,Desserts | 12 | 14 |
| 15 | Ahmedabad | Fast Food,Indian | 12 | 14 |
| 16 | Ahmedabad | Beverages | 12 | 14 |
| 17 | Ahmedabad | Bakery,Desserts,Combo,Indian | 12 | 14 |
| 18 | Ahmedabad | Fast Food,Beverages | 10 | 18 |
| 19 | Ahmedabad | Beverages,Desserts | 10 | 18 |
| 20 | Ahmedabad | Bakery,Desserts | 10 | 18 |

Total rows: 5144 of 5144 Query complete 00:00:00.166



SWIGGY

Thank You

