

(https://databricks.com)

# Swiggy

```
select * from default.swiggy
```

Table				
	ID ▲	Area ▲	City ▲	Restaurant
1	211	Koramangala	Bangalore	Tandoor Hut
2	221	Koramangala	Bangalore	Tunday Kababi
3	246	Jogupalya	Bangalore	Kim Lee
4	248	Indiranagar	Bangalore	New Punjabi Hotel
5	249	Indiranagar	Bangalore	Nh8
6	254	Indiranagar	Bangalore	Treat
7	258	Indiranagar	Bangalore	Chinita Real Mexican Food
8,680 rows				

The dataset seems to contain information about various restaurants, including:

- ID: Unique identifier for the restaurant
- Area: Area where the restaurant is located
- City: The city in which the restaurant operates
- Restaurant: Name of the restaurant
- Price: Average price for two people (assumption)
- Avg ratings: Average rating of the restaurant
- Total ratings: Total number of ratings received by the restaurant
- Food type: Types of cuisines offered by the restaurant
- Address: Detailed address of the restaurant
- Delivery time: Average time taken for food delivery

```
select Price from default.swiggy
-- show the price
```

Table	
	Price ▲
1	300
2	300
3	650
4	250
5	350
6	800
7	1000
8,680 rows	

```
select avg(Price) as Price from default.swiggy
-- show average price
```

Table	
	Price ▲
1	348.4444700460829
1 row	

```
select avg(AvgRatings) as AvgRatings from default.swiggy

-- show average rating
```

Table		
	AvgRatings ▲	
1	3.655103686636279	
1 row		

```
select avg(price) as Price, avg(avgratings) as Average_Ratings from default.swiggy

-- show average price and rating in one
```

Table			
	Price ▲	Average_Ratings ▲	
1	348.4444700460829	3.655103686636279	
1 row			

```
select city, count(city) as Counts from default.swiggy
group by city
order by Counts desc
```

Table			
	city ▲	Counts ▲	
1	Kolkata	1346	
2	Mumbai	1277	
3	Chennai	1106	
4	Pune	1090	
5	Hyderabad	1075	
6	Bangalore	946	
7	Ahmedabad	717	
9 rows			

```
select City, round(avg(AvgRatings),2) as Average_Rating from default.swiggy
group by City
order by Average_Rating desc

-- Top cities with everage rating
```

Table			
	City ▲	Average_Rating ▲	
1	Chennai	3.78	
2	Bangalore	3.76	
3	Kolkata	3.7	
4	Hyderabad	3.7	
5	Mumbai	3.6	
6	Ahmedabad	3.6	
7	Surat	3.58	
9 rows			

```
select area , round(avg(avgratings)) as Average_Rating from default.swiggy
group by Area
order by Average_Rating desc

-- finding the average rating for areas
```

Table			
	area ▲	Average_Rating ▲	
1	Ekdalia	5	
2	Wallace Garden	5	
3	Victoria Layout	5	
4	Jodhpur	5	
5	Mogapair	5	
6	Ra Puram	5	
7	Esplanade	5	
833 rows			

```
-- Find the total number of restaurants in the dataset.

select count(distinct(restaurant)) as Total_Numeber_of_Restaurants
from default.swiggy
```

Table		
	Total_Numeber_of_Restaurants ▲	
1	7865	
1 row		

```
-- List the names of all the restaurants in the 'Koramangala' area.

select restaurant from default.swiggy
where Area = "Koramangala"
```

Table

	restaurant	
1	Tandoor Hut	
2	Tunday Kababi	
3	Cupcake Noggins - Cakespastries And Desserts	
4	Bangaliana	
5	Bamey'S Restro Cafe	
6	Aalishan Restaurant & Caterer	
7	Lazeez	

124 rows

```
-- Determine the restaurant with the highest average rating.

select restaurant, round(avg(avgratings)) as Average_Ratings from default.swiggy
group by Restaurant
order by Average_Ratings desc
```

Table

	restaurant	Average_Ratings	
1	Nalin Chandra Das And Sons	5	
2	Pizza Guyz By Hudson Chopsticks	5	
3	Nagar Fast Food	5	
4	Thaligai	5	
5	Kurry Patta	5	
6	Lazio Steaks & More	5	
7	Aaha Emi Ruchi	5	

7,865 rows

-- Find out the average delivery time across all restaurants.

```
select Restaurant , round(avg(DeliveryTime)) as Average_DeliveryTime
from default.swiggy
group by Restaurant
order by Average_DeliveryTime desc
```

Table

	Restaurant ▲	Average_DeliveryTime ▲	
1	Heavens Kitchen	109	
2	Yin Yang - Pan Asian Delicacy	100	
3	Shree Ganesh Home Kitchen	98	
4	Fatty Mamma Chinese Restaurant	98	
5	Dastaan	98	
6	Sandwizz	98	
7	Tamang'S Frozen Momo	98	

7,865 rows

-- List the restaurants that offer 'Chinese' as a part of their food type

```
select restaurant from default.swiggy
where FoodType = 'Chinese'
```

Table		
	restaurant ▲	
1	Kim Lee	
2	Ohri'S Ming'S Court	
3	In Wok	
4	Bluedragon By Mandilicious	
5	Monica Chinese Fast Food	
6	Gogo Momo	
7	Lazzat	
277 rows		

-- Find out the restaurants with more than 200 total ratings.

```
select restaurant  from default.swiggy
where TotalRatings > 200
```

Table		
	restaurant	▲
1	New Punjabi Hotel	
2	Chinita Real Mexican Food	
3	Bangaliana	
4	Altaf'S Chillies Restaurants	
5	Nagarjuna Chimney	
6	Dine Hill	
7	Sarvi Restaurant	
995 rows		

-- List the restaurants that have a delivery time less than 55 minutes and an average rating above 4

```
select restaurant from default.swiggy
where deliverytime < 55
and AvgRatings > 4
```

Table		
	restaurant ▲	
1	Kim Lee	
2	Chinita Real Mexican Food	
3	Chirchahae Tai	

4	Aalishan Restaurant & Caterer
5	Nagarjuna Chimney
6	Esplanade
7	Dine Hill

2,051 rows

-- Find out the top 5 restaurants with the highest total ratings.

```
select restaurant, sum(TotalRatings) as TotalRatings from default.swiggy
group by restaurant
order by TotalRatings desc
limit 5
```

Table			
	restaurant ▲	TotalRatings ▲	
1	Shah Ghouse Cafe & Restaurant	15000	
2	Mehfil	10160	
3	Lucky Restaurant	10020	
4	Bawarchi	10000	
5	Grand Hotel	10000	
5 rows			

-- Determine the areas with more than 10 restaurants

```
SELECT Area, COUNT(*) as NumberOfRestaurants
FROM default.swiggy
GROUP BY Area
HAVING COUNT(*) > 10;
```

Table			
	Area ▲	NumberOfRestaurants ▲	
1	Narayan Peth	16	
2	Kankurgachi	22	
3	Behala	16	
4	Deccan Gymkhana	20	
5	Maninagar	45	
6	Arumbakkam	18	
7	Purasaiwakkam	39	
185 rows			

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8,680 rows				

