



SWIGGY

Data Insights using MySQL.

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Data analysis



Objectives

- ❖ Find the best and most popular restaurants.
- ❖ Check which areas and cities have better restaurant ratings.
- ❖ See if expensive food means better ratings.
- ❖ Discover the most common and best-rated cuisines.
- ❖ Understand delivery time patterns.
- ❖ Catch any mistakes or strange values in the data.

Data analysis



- 1.Highest Average Ratings
- 2. Most Total Ratings
- 3.Distribution of Delivery Times
- 4. Average Delivery Time per Area
- 5. Best-Rated Cities
- 6. Relationship Between Price and Rating
- 7.High Ratings, Low Price (Value-for-Money)
- 8.Price by Area or Food Type
- 9. Most Common Food Types (split needed if multiple types in one string)
- 10.Highest Average Ratings by Cuisine
- 11. Do Certain Cuisines Have Longer Delivery?
- 12. Specialized Cuisine Restaurants (1-2 food types only)
- 13. Best-Rated Areas
- 14. Highest Average Prices by Area
- 15. Duplicate Restaurant Names
- 16.Outliers in Price
- 17. Outliers in Delivery Time
- 18. Suspicious Entries (Price = 0 or Ratings = 0)

Data analysis



❖ 1.Highest Average Ratings

```
select Restaurant, `Avg ratings` from swiggy  
order by `Avg ratings` desc limit 10 ;
```

	Restaurant	Avg ratings
▶	Nivala Apka Apna	5
	Splurge - Thickshakes And Milkshakes	5
	Zorro - Milkshakes And Thickshakes	5
	Get In My Belly	5
	The Asian Pavilion	5
	Cafe Kokomo	5
	Wallonia Waffle Co.	5
	Creams & Bites	5
	Keventers Ice Creamery	5
	Afresh	5

Data analysis



❖ 2. Most Total Ratings

```
select Restaurant , `Total ratings` from swiggy  
order by `Total ratings` desc limit 10;
```

	Restaurant	Total ratings
▶	Shah Ghouse Cafe & Restaurant	10000
	Bawarchi	10000
	Mehfil	10000
	Grand Hotel	10000
	4M Biryani House	10000
	Lucky Restaurant	10000
	Cafe 555 & Aqeeq Restaurant	5000
	Abar Khaboo	5000
	Sarvi Restaurant	5000
	Gulab Wala	5000

❖ 3.Distribution of Delivery Times

```
select "Delivery time",count(*) as frequency from  
swiggy group by "Delivery time" order by "Delivery  
time";
```

	Delivery time	frequency
▶	Delivery time	8680

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❖ 4. Average Delivery Time per Area

```
select Area,round(avg(`Delivery time`),2) as  
avg_delivery_time from swiggy group by Area order by  
avg_delivery_time desc limit 10;
```

	Area	avg_delivery_time
▶	Rabindrapally	97.00
	Santoshpur	92.00
	Haltu	91.00
	Tollygunge	90.70
	Smarpally Kestopur	90.00
	Behala	89.75
	Baguihati	88.40
	Near Lal Gate Ramlal Bazarsapuipara	88.00
	Baguiati	87.50
	Rajarhat	87.00



❖ 5. Best-Rated Cities

```
select City,round(avg(`Total ratings`),2) as  
avg_city_ratings from swiggy group by City order by  
avg city ratings desc limit 10;
```

	City	avg_city_ratings
▶	Hyderabad	307.23
	Kolkata	163.30
	Chennai	161.72
	Bangalore	148.52
	Delhi	133.26
	Mumbai	118.21
	Surat	117.81
	Pune	112.83
	Ahmedabad	103.86

❖ 6. Relationship Between Price and Rating

```
select Price, `Avg ratings` from swiggy where  
price >3;
```

	Price	Avg ratings
▶	300	4.4
	300	4.1
	650	4.4
	250	3.9
	350	4
	800	4.5
	1000	4.5
	150	4.3
	350	4.1
	300	4

Data analysis



❖ 7.High Ratings, Low Price (Value-for-Money)

```
select Restaurant, price, `Avg ratings` from swiggy where  
`Avg ratings`>=4 order by price asc limit 10 ;
```

	Restaurant	price	Avg ratings
►	Comfy Restaurant	0	4
	Maruti Dhosa Hub	0	4.1
	230 Celsius	1	4.1
	Kota Kachori And Falahaar	15	4.1
	Green Mango Juice Shop	30	4.2
	Deepak Farsan Mart	40	4.4
	Sai Ganesh Tiffins	50	4
	Cane Fresh	50	4.4
	Taiyar Pan Center	50	4.6
	Meghana Tiffin Center	50	4.3

❖ 8.Price by Area or Food Type

```
select Area,avg(Price) as price_Area from swiggy  
group by Area order by price_Area desc limit 5 ;
```

	Area	price_Area
▶	Vile Parle	1500
	Pacific Mall Subhash Nagar	1200
	Someshwarpura	1200
	Brigade Road	1100
	Central Market Punjabi Bagh	1050

Data analysis



❖ 8.Price by Area or Food Type

```
select "Food Type",round( avg(Price),2) as avg_price  
from swiggy group by "Food type" order by avg_price  
desc limit 5 ;
```

	Food Type	avg_price
▶	Food Type	348.44

- ❖ 9. Most Common Food Types (split needed if multiple types in one string)

```
select `Food type`,count(*) as count from swiggy group by `Food type` order by count desc limit 10 ;
```

	Food type	count
▶	Indian	389
	Chinese	277
	North Indian	246
	Fast Food	240
	South Indian	228
	Indian,Chinese	106
	Desserts	106
	North Indian,Chinese	99
	Bakery	90
	Beverages	82



❖ 10.Highest Average Ratings by Cuisine

```
select Restaurant,round(avg(`Avg ratings`),2) as  
avg_ratings,count(*) as num_restaurant from swiggy  
group by Restaurant having count(*)>= 4 order by  
avg_ratings desc limit 10;
```

	Restaurant	avg_ratings	num_restaurant
▶	Natural Ice Cream	4.6	9
	Nic Natural Ice Creams	4.59	10
	Theobroma	4.56	5
	The Sugar Free Keto Kafe - By Artinci	4.56	5
	Artinci - Indulge Guilt Free!	4.5	5
	Apsara Ice Creams	4.47	6
	Sri Krishna Sweets	4.45	4
	The Belgian Waffle Co.	4.43	6
	Asia Kitchen By Mainland China	4.4	5
	Mainland China	4.37	6

Data analysis



❖ 11. Do Certain Cuisines Have Longer Delivery

```
select Restaurant,round(avg(`Delivery time`),2)
      as avg_deliver_time from swiggy group by
Restaurant order by avg_deliver_time desc limit
      10 ;
```

	Restaurant	avg_deliver_time
▶	Heavens Kitchen	109.00
	Yin Yang - Pan Asian Delicacy	100.00
	Sandwizz	98.00
	Tamang'S Frozen Momo	98.00
	Dastaan	98.00
	Shree Ganesh Home Kitchen	98.00
	Fatty Mamma Chinese Restaurant	98.00
	Hesel Food Court	97.00
	Nisha'S Veg Kitchen	97.00
	Me & U	97.00

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❖ 12. Specialized Cuisine Restaurants (1-2 food types only)

```
select Restaurant, `Food type` from swiggy where  
length(`Food type`) - length(replace(`Food  
type`,` ','`')) < 2;
```

	Restaurant	Food type
▶	Tunday Kababi	Mughlai,Lucknowi
	Kim Lee	Chinese
	Treat	Mughlai,North Indian
	Bangalana	Bengali
	Altaf'S Chillies Restaurants	North Indian,Chinese
	Urban Solace	American,Continental
	Aalishan Restaurant & Caterer	Mughlai,North Indian
	Kerala Pavilion	Kerala,Seafood
	Esplanade	Mughlai,Bengali
	Kung Fu Panda	Chinese Thai Asian

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❖ 13. Best-Rated Areas

```
select Area,round(avg(`Total ratings`),2) as  
avg_total_ratings from swiggy group by Area order by  
avg_total_ratings desc limit 5;
```

	Area	avg_total_ratings
▶	Chintal	10000.00
	College Square	1690.00
	Hyderabad	1420.00
	New Nallakunta	1363.64
	Chiriamore	1305.00

Data analysis



❖ 14. Highest Average Prices by Area

```
select Area,round(avg(Price),2) as avg_area_price from  
swiggy group by Area order by avg_area_price desc limit  
10;
```

	Area	avg_area_price
▶	Wile Parle	1500
	Pacific Mall Subhash Nagar	1200
	Someshwarpura	1200
	Brigade Road	1100
	Central Market Punjabi Bagh	1050
	Kurla - Mumbai	1000
	Mantri Sqare Mall	900
	Central Markt Punjabi Bagh	875
	Bandra Area	841.94
	Bentinck St.	800

Data analysis



❖ 15. Duplicate Restaurant Names

```
select Restaurant, count(*) as count from swiggy group  
by Restaurant having count > 4 order by count desc ;
```

	Restaurant	count
▶	La Pino'Z Pizza	13
	Subway	10
	Nic Natural Ice Creams	10
	Baskin Robbins	10
	Keventers - Milkshakes And Desserts	9
	Kfc	9
	Oven Story Pizza	9
	Pizza Hut	9
	Natural Ice Cream	9
	Behrouz Biryani	9

Data analysis



❖ 16.Outliers in Price

```
select Restaurant,price from swiggy where price > 100  
order by Price desc limit 6;
```

	Restaurant	price
▶	Malgudi - The Savera Hotel	2500
	Origami Japanese & Korean Restaurant	2500
	Itc Windsor - Gourmet Couch	2500
	Conrad Pune	2000
	Yauatcha	2000
	Cafe Delhi Heights	2000

Data analysis



❖ 17. Outliers in Delivery Time

```
select Restaurant, `Delivery time` from swiggy where  
`Delivery time` > 50 order by `Delivery time` desc  
limit 8 ;
```

	Restaurant	Delivery time
▶	Heavens Kitchen	109
	Yin Yang - Pan Asian Delicacy	100
	Tamang'S Frozen Momo	98
	Fatty Mamma Chinese Restaurant	98
	Sandwizz	98
	Dastaan	98
	Shree Ganesh Home Kitchen	98
	Nisha'S Veg Kitchen	97

Data analysis



❖ 18. Suspicious Entries (Price = 0 or Ratings = 0)

```
select * from swiggy where Price = 0 or  
`Total ratings`=0 ;
```

	ID	Area	City	Restaurant	Price	Avg ratings	Total ratings	Food type	Address	Delivery time
▶	73662	Annanagar East	Chennai	Mozza	0	2.9	80	Continental,Chinese,Italian,Mexican	Annanagar East	64
	283144	Athwa	Surat	Monginis	0	2.9	80	Desserts	Udhyognagar	46
	55365	Isanpur	Ahmedabad	Maruti Dhosa Hub	0	4.1	20	South Indian	Vishal Nagar	49
	55710	Paldi	Ahmedabad	Ladli Fast Food	0	3.5	20	Fast Food,Italian	Paldi	34
	77391	Ghodasar	Ahmedabad	Comfy Restaurant	0	4	100	Indian,Chinese	Isanpur	48

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