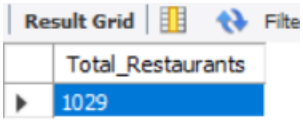
SWIGGY RESTAURANTS SQL QUERIES

A. KPI

1. Total Restaurants

```
SELECT COUNT (distinct restaurant) AS Total_Restaurants FROM swiggy.swiggy_restaurants;
```

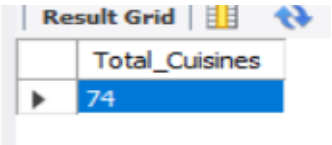
OUTPUT



2. Total Cuisines

```
SELECT COUNT (distinct cuisine) AS Total_Cuisines FROM swiggy.swiggy_restaurants;
```

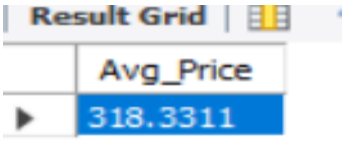
OUTPUT



3. Average Price

```
SELECT AVG (price) AS Avg_Price FROM swiggy.swiggy_restaurants;
```

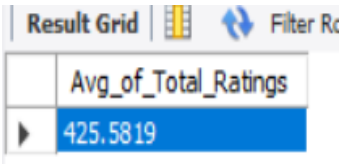
OUTPUT



4. Average of Total Rating

```
SELECT AVG (`Total ratings`) AS Avg_of_Total_Ratings FROM swiggy.swiggy_restaurants;
```

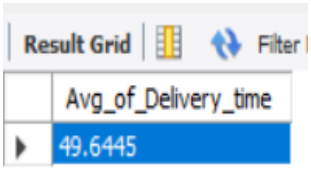
OUTPUT



5. Average of Delivery Time

```
SELECT AVG (`Delivery time`) AS Avg_of_Delivery_time FROM swiggy.swiggy_restaurants;
```

OUTPUT

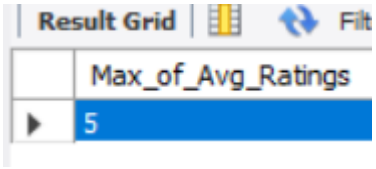


Avg_of_Delivery_time
49.6445

6. Max Average Ratings

```
SELECT MAX (`Avg ratings`) AS Max_of_Avg_Ratings FROM swiggy.swiggy_restaurants;
```

OUTPUT

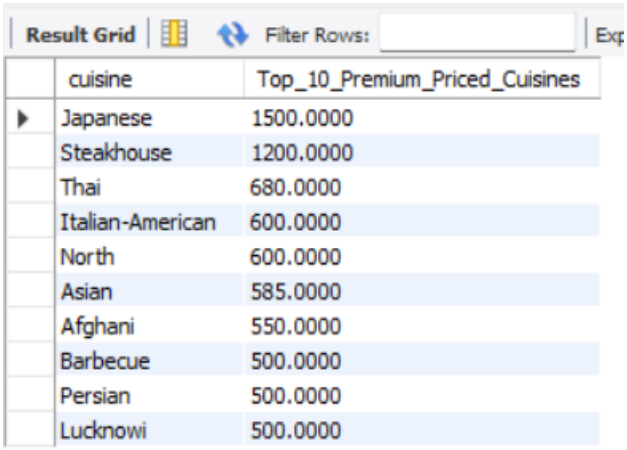


Max_of_Avg_Ratings
5

B. Top 10 Premium Priced Cuisine

```
SELECT cuisine, AVG (price)

AS Top_10_Premium_Priced_Cuisines

FROM swiggy.swiggy_restaurants

GROUP BY cuisine

ORDER BY Top_10_Premium_Priced_Cuisines

DESC limit 10;
```

OUTPUT



cuisine	Top_10_Premium_Priced_Cuisines
Japanese	1500.0000
Steakhouse	1200.0000
Thai	680.0000
Italian-American	600.0000
North	600.0000
Asian	585.0000
Afghani	550.0000
Barbecue	500.0000
Persian	500.0000
Lucknowi	500.0000

C. Top 10 Budget Friendly Cuisines

```
SELECT cuisine, AVG (price)
AS Top_10_Budget_Friendly_Cuisines
FROM swiggy.swiggy_restaurants
GROUP BY cuisine
ORDER BY Top_10_Budget_Friendly_Cuisines
ASC limit 10;
```

OUTPUT

Result Grid | Filter Rows:

cuisine	Top_10_Budget_Friendly_Cuisines
Paan	116.6667
Keto	175.0000
Street Food	186.8421
Thalis	195.0000
Rajasthani	200.0000
Waffle	200.0000
Australian	200.0000
French	200.0000
Telangana	216.6667
Maharashtrian	216.6667

D. Cuisine Category Share

```
SELECT cuisine, COUNT (DISTINCT restaurant) *100/ (SELECT COUNT (DISTINCT Restaurant)
FROM swiggy.swiggy_restaurants)
AS Most_famous_cuisine
FROM swiggy.swiggy_restaurants
GROUP BY cuisine
ORDER BY Most_famous_cuisine
DESC limit 5;
```

OUTPUT

Result Grid | Filter Rows:

cuisine	Most_famous_cuisine
Chinese	28.8630
North Indian	20.9913
Beverages	19.6307
South Indian	19.0476
Desserts	17.9786

E. Top Restaurants by Cuisine Variety

```
SELECT restaurant, COUNT (DISTINCT cuisine)
AS Top_Restaurant_by_cuisine_variety
FROM swiggy.swiggy_restaurants
GROUP BY restaurant
ORDER BY Top_Restaurant_by_cuisine_variety
DESC limit 6;
```

OUTPUT

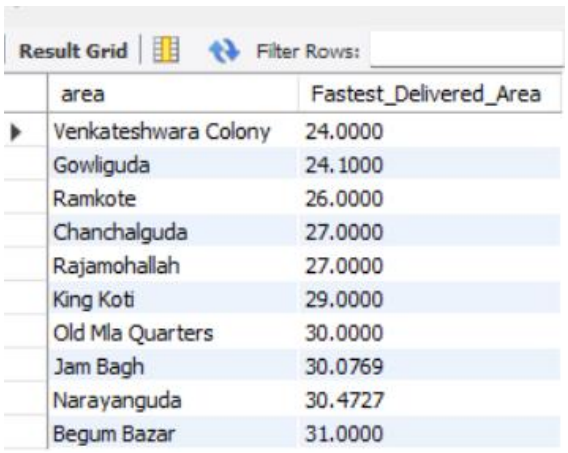
Result Grid | Filter Rows: | Export: | Wrap

restaurant	Top_Restaurant_by_cuisine_variety
The Biryani Experiment	13
Bowlsome	13
Exotica	13
Combo Stories By 10D Express	13
That Pizza Place	13
Paratha Experiment	13

F. Fastest Delivered Areas

```
SELECT area, AVG (`Delivery time`)
AS Fastest_Delivered_Area
FROM swiggy.swiggy_restaurants
GROUP BY area
ORDER BY Fastest_Delivered_Area
ASC limit 10;
```

OUTPUT



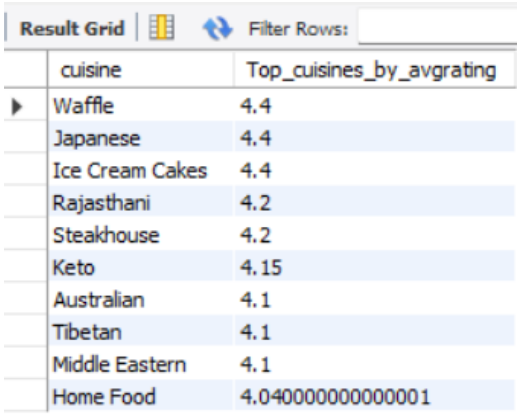
Result Grid | Filter Rows:

area	Fastest_Delivered_Area
Venkateshwara Colony	24.0000
Gowliguda	24.1000
Ramkote	26.0000
Chanchalguda	27.0000
Rajamohallah	27.0000
King Koti	29.0000
Old Mla Quarters	30.0000
Jam Bagh	30.0769
Narayanguda	30.4727
Begum Bazar	31.0000

G. Top Cuisines by Average Rating

```
SELECT cuisine, AVG (`Avg ratings`)
AS Top_cuisines_by_avgrating
FROM swiggy.swiggy_restaurants
GROUP BY cuisine
ORDER BY Top_cuisines_by_avgrating
DESC limit 10;
```

OUTPUT



cuisine	Top_cuisines_by_avgrating
Waffle	4.4
Japanese	4.4
Ice Cream Cakes	4.4
Rajasthani	4.2
Steakhouse	4.2
Keto	4.15
Australian	4.1
Tibetan	4.1
Middle Eastern	4.1
Home Food	4.040000000000001

H. Top Restaurants by Avg Rating

```
SELECT restaurant, MAX (`Avg ratings`)
AS Top_Restaurants_by_avg_rating
FROM swiggy.swiggy_restaurants
GROUP BY restaurant
ORDER BY Top_Restaurants_by_avg_rating
DESC limit 10;
```

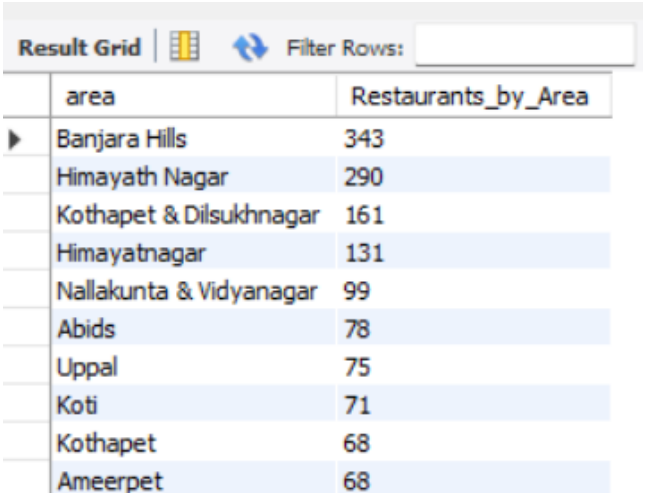
OUTPUT

restaurant	Top_Restaurants_by_avg_rating
Splurge - Thickshakes And Milkshakes	5
Zorro - Milkshakes And Thickshakes	5
Wallonia Waffle Co.	5
The Liege Waffles	5
Hotel Indu Deluxe	4.9
Snack House	4.9
Rayudu Juice Shop	4.8
Us Live Pops	4.8
Euphoria	4.7
Five Star And Koli Hut	4.7

I. Total Restaurants by Area

```
SELECT area, COUNT (restaurant)
AS Restaurants_by_Area
FROM swiggy.swiggy_restaurants
GROUP BY area
ORDER BY Restaurants_by_area
DESC limit 10;
```

OUTPUT



Result Grid | Filter Rows:

area	Restaurants_by_Area
Banjara Hills	343
Himayath Nagar	290
Kothapet & Dilsukhnagar	161
Himayatnagar	131
Nallakunta & Vidyanagar	99
Abids	78
Uppal	75
Koti	71
Kothapet	68
Ameerpet	68

NOTE

Disclaimer: The percentage values for "Most Famous Cuisines" differ slightly between the **Excel** and **SQL** outputs.

This is due to differences in the calculation method:

- In **Excel**, percentages were calculated using a pivot table based on distinct restaurant–cuisine combinations.
- In **SQL**, percentages were derived using `COUNT(DISTINCT restaurant)` logic, which may handle duplicates and grouping differently.

Although both approaches are valid, minor variations in percentage values are expected due to data handling differences in Excel vs SQL.