

Zomato Data Analysis using SQL

D.Sathyakala,
Data analyst Intern,
Senchola Technologies Solutions

Step 1: Create database

```
1  /* Create database */
2 •  create database zomato;
3 •  use zomato;
```

Output			
Action	Time	Message	Duration / Fetch
create database zomato	1 11:57:39	1 row(s) affected	0.000 sec
use zomato	2 11:57:45	0 row(s) affected	0.000 sec

Step 2: Create table

```
6 •  CREATE TABLE Zomato_Details
7  (
8      Restaurant_ID    INT,
9      Restaurant_Name  VARCHAR(512),    Country_Code   VARCHAR(512),
10     City             VARCHAR(512),    Address        VARCHAR(512),
11     Locality         VARCHAR(512),
12     Locality_Verbose VARCHAR(512),
13     Longitude        DOUBLE,        Latitude       DOUBLE,
14     Cuisines          VARCHAR(512),
15     Average_Cost_for_two INT,
16     Currency          VARCHAR(512),
17     Has_Table_booking VARCHAR(512),   Has_Online_delivery VARCHAR(512),
18     Is_delivering_now VARCHAR(512),   Switch_to_order_menu VARCHAR(512),
19     Price_range       INT,
20     Aggregate_rating  DOUBLE,
21     Rating_color      VARCHAR(512),
22     Rating_text       VARCHAR(512),
23     Votes             INT
24 );
```

Output			
Action	Time	Message	Duration / Fetch
create database zomato	1 11:57:39	1 row(s) affected	0.000 sec
use zomato	2 11:57:45	0 row(s) affected	0.000 sec
CREATE TABLE Zomato_Details (Restaurant_IDINT, Restaurant_NameVARC...	3 12:15:11	0 row(s) affected	0.016 sec

Step 3: Insert data contents into the table

```
26  /* Insert data to the table */
27 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
28 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
29 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
30 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
31 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
32 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
33 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
34 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
35 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
36 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
37 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
38 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
39 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
40 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
41 •  INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, City, Address, Locality, Locality_Verbose, Longitude, Latitude, C
```

Output			
Action	#	Time	Action
9549	9549	12:17:30	INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, C...) 1 row(s) affected
9550	9550	12:17:30	INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, C...) 1 row(s) affected
9551	9551	12:17:30	INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, C...) 1 row(s) affected
9552	9552	12:17:30	INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, C...) 1 row(s) affected
9553	9553	12:17:30	INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, C...) 1 row(s) affected
9554	9554	12:17:30	INSERT INTO Zomato_Details (Restaurant_ID, Restaurant_Name, Country_Code, C...) 1 row(s) affected

Step 4: Show the table content of all rows

The screenshot shows the MySQL Workbench interface. The SQL editor window contains the following code:

```
9584 /* Show the table content */
9585 • select * from zomato_details;
```

The Result Grid shows the following data:

Restaurant_ID	Restaurant_Name	Country_Code	City	Address	Locality
6317637	Le Petit Souffle	162	Makati City	"Third Floor, Century City Mall, Kalayaan Avenue, Makati City"	"Century City Mall, Poblacion, Makati City"
6304287	Izakaya Kikufuji	162	Makati City	"Little Tokyo, 2277 Chino Roces Avenue, Legazpi Village, Makati City"	"Little Tokyo, Legaspi Village, Makati City"
6300002	Heat - Edsa Shangri-La	162	Mandaluyong City	"Edsa Shangri-La, 1 Garden Way, Ortigas, Mandaluyong City"	"Edsa Shangri-La, Ortigas, Mandaluyong City"
6318506	Ooma	162	Mandaluyong City	"Third Floor, Mega Fashion Hall, SM Megamall, Mandaluyong City"	"SM Megamall, Ortigas, Mandaluyong City"

The Output window shows the following log:

Action	#	Time	Action	Message	Duration / Fetch
use zomato	1	12:48:12		0 row(s) affected	0.000 sec
select * from zomato_details	2	12:48:58		9551 row(s) returned	0.000 sec / 0.062 sec

Step 5: Write the queries

1. What is the total number of restaurants in the dataset?

The screenshot shows the MySQL Workbench interface. The SQL editor window contains the following code:

```
9586
9587 /* 1. What is the total number of restaurants in the dataset? */
9588 • SELECT COUNT(DISTINCT `Restaurant_ID`) AS Total_Restaurants FROM zomato_details;
9589
```

The Result Grid shows the following data:

Total_Restaurants
9551

The Output window shows the following log:

Action	#	Time	Action	Message	Duration / Fetch
use zomato	1	12:48:12		0 row(s) affected	0.000 sec
select * from zomato_details	2	12:48:58		9551 row(s) returned	0.000 sec / 0.062 sec
SELECT COUNT(DISTINCT `Restaurant_ID`) AS Total_Restaurants FROM zomato_details	3	13:05:16		Error Code: 1146. Table 'zomato.zomato' doesn't exist	0.016 sec
SELECT COUNT(DISTINCT `Restaurant_ID`) AS Total_Restaurants FROM zomato...	4	13:05:36		1 row(s) returned	0.031 sec / 0.000 sec

2. How many different countries are covered in the dataset?

The screenshot shows the MySQL Workbench interface. The SQL editor window contains the following code:

```
9589
9590 /* 2. How many different countries are covered in the dataset? */
9591 • SELECT COUNT(DISTINCT `Country_Code`) AS TotalCountries FROM zomato_details;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid

TotalCountries			
▶	15		

Result 3 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
3	13:05:16	SELECT COUNT(DISTINCT 'Restaurant_ID') AS Total_Restaurants FROM zomato...	Error Code: 1146. Table 'zomato.zomato' doesn't exist	0.016 sec
4	13:05:36	SELECT COUNT(DISTINCT 'Restaurant_ID') AS Total_Restaurants FROM zomato...	1 row(s) returned	0.031 sec / 0.000 sec
5	13:16:33	SELECT COUNT(DISTINCT 'Country Code') AS TotalCountries FROM zomato_det...	Error Code: 1054. Unknown column 'Country Code' in field list'	0.000 sec
6	13:16:49	SELECT COUNT(DISTINCT 'Country_Code') AS TotalCountries FROM zomato_det...	1 row(s) returned	0.000 sec / 0.000 sec

3. Which city has the highest number of restaurants?

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid

```

9592
9593 /* 3. Which city has the highest number of restaurants? */
9594 • SELECT City, COUNT(*) AS Restaurant_Count
9595   FROM zomato_details
9596   GROUP BY City
9597   ORDER BY Restaurant_Count DESC
9598   LIMIT 1;
9599

```

Result 4 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
4	13:05:36	SELECT COUNT(DISTINCT 'Restaurant_ID') AS Total_Restaurants FROM zomato...	1 row(s) returned	0.031 sec / 0.000 sec
5	13:16:33	SELECT COUNT(DISTINCT 'Country Code') AS TotalCountries FROM zomato_det...	Error Code: 1054. Unknown column 'Country Code' in field list'	0.000 sec
6	13:16:49	SELECT COUNT(DISTINCT 'Country_Code') AS TotalCountries FROM zomato_det...	1 row(s) returned	0.000 sec / 0.000 sec
7	13:20:03	SELECT City, COUNT(*) AS Restaurant_Count FROM zomato_details GROUP BY ...	1 row(s) returned	0.016 sec / 0.000 sec

4. What are the top 10 cuisines available across all restaurants?

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid

```

9599
9600 /* 4. What are the top 10 cuisines available across all restaurants? */
9601 • SELECT Cuisines, COUNT(*) AS Restaurant_Count
9602   FROM zomato_details
9603   GROUP BY Cuisines
9604   ORDER BY Restaurant_Count DESC
9605   LIMIT 10;
9606

```

Result 5 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
7	13:20:03	SELECT City, COUNT(*) AS Restaurant_Count FROM zomato_details GROUP BY ...	1 row(s) returned	0.016 sec / 0.000 sec
8	13:30:50	SELECT Cuisines, COUNT(*) AS Restaurant_Count FROM zomato_details GROUP...	10 row(s) returned	0.032 sec / 0.000 sec

5. What is the average cost for two people at restaurants in a specific city?

Zomato data analysis X

```

9606
9607 /* 5. What is the average cost for two people at restaurants in a specific city? */
9608 • SELECT City, AVG(`Average_Cost_for_two`) AS AvgCostForTwo
9609   FROM zomato_details
9610   WHERE City = 'Chennai'
9611   GROUP BY City;

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

City	AvgCostForTwo
Chennai	1085.0000

Result 6 x

Output:

#	Time	Action	Message	Duration / Fetch
9	13:49:58	SELECT City, AVG(`Average_Cost_for_two`) AS AvgCostForTwo FROM zomato W...	Error Code: 1146. Table 'zomato zomato' doesn't exist.	0.016 sec
10	13:50:10	SELECT City, AVG(`Average_Cost_for_two`) AS AvgCostForTwo FROM zomato_de...	1 row(s) returned	0.016 sec / 0.000 sec

Read Only

6. How many restaurants offer table booking?

Zomato data analysis X

```

9612
9613 /* 6. How many restaurants offer table booking? */
9614 • SELECT Has_Table_booking, COUNT(*) AS RestaurantCount
9615   FROM zomato_details
9616   GROUP BY Has_Table_booking;

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

Has_Table_booking	RestaurantCount
Yes	1158
No	8393

Result 8 x

Output:

#	Time	Action	Message	Duration / Fetch
11	13:56:43	SELECT City, AVG(Average_Cost_for_two) AS AvgCostForTwo FROM zomato_det...	1 row(s) returned	0.016 sec / 0.000 sec
12	13:56:54	SELECT Has_Table_booking, COUNT(*) AS RestaurantCount FROM zomato_detail...	2 row(s) returned	0.047 sec / 0.000 sec

Read Only

7. How many restaurants offer online delivery and give its rating?

Zomato data analysis X

```

9617
9618 /* 7. How many restaurants offer online delivery and give its rating? */
9619 • SELECT Has_Online_delivery, COUNT(*) AS RestaurantCount, AVG(Aggregate_rating) AS AvgRating
9620   FROM zomato_details
9621   GROUP BY Has_Online_delivery;

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

Has_Online_delivery	RestaurantCount	AvgRating
No	7100	2.465295774647888
Yes	2451	3.2488372093023306

Result 20 x

Output:

#	Time	Action	Message	Duration / Fetch
23	16:01:38	SELECT Has_Table_booking, AVG(Aggregate_rating) AS AvgRating FROM zomat...	2 row(s) returned	0.016 sec / 0.000 sec
24	16:04:14	SELECT Has_Online_delivery, COUNT(*) AS RestaurantCount, AVG(Aggregat...	2 row(s) returned	0.016 sec / 0.000 sec

Read Only

8. What is the highest aggregate rating given to a restaurant?

Zomato data analysis X

```

9622
9623 /* 8. What is the highest aggregate rating given to a restaurant? */
9624 • SELECT MAX(Aggregate_rating) AS MaxRating FROM zomato_details;

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

MaxRating
4.9

Result 10 × Read Only

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
13	14:01:36	SELECT Has_Online_delivery, COUNT(*) AS RestaurantCount FROM zomato_details	2 row(s) returned	0.031 sec / 0.016 sec
14	14:11:05	SELECT MAX(Aggregate_rating) AS MaxRating FROM zomato_details	1 row(s) returned	0.016 sec / 0.000 sec

9. How many restaurants have an aggregate rating greater than 4.5?

```
9625
9626 /* 9. How many restaurants have an aggregate rating greater than 4.5? */
9627 • SELECT COUNT(*) AS HighRatingCount
9628   FROM zomato_details
9629   WHERE Aggregate_rating > 4.5;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

HighRatingCount
206

Result 11 × Read Only

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
14	14:11:05	SELECT MAX(Aggregate_rating) AS MaxRating FROM zomato_details	1 row(s) returned	0.016 sec / 0.000 sec
15	14:14:50	SELECT COUNT(*) AS HighRatingCount FROM zomato_details WHERE Aggregate... 1 row(s) returned		0.000 sec / 0.000 sec

10. What are the top 10 restaurants with the highest aggregate ratings?

```
9630
9631 /* 10. What are the top 10 restaurants with the highest aggregate ratings? */
9632 • SELECT Restaurant_Name, Aggregate_rating
9633   FROM zomato_details
9634   ORDER BY Aggregate_rating DESC
9635   LIMIT 10;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

Restaurant_Name	Aggregate_rating
Oakwood Cafe	4.9
Braseiro da Gôvea	4.9
Ooma	4.9
Rae's Coastal Cafe	4.9
Coco Bambu	4.9
Garota de Ipanema	4.9
Tantra Asian Bistro	4.9
Spiral - Sofitel Philippine Plaza Manila	4.9
Shorts Burger and Shine	4.9
Silantro Fil-Mex	4.9

zomato_details 13 × Read Only

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
16	15:39:52	SELECT Restaurant_Name, 'Aggregate_rating' FROM zomato_details ORDER BY ...	10 row(s) returned	0.031 sec / 0.000 sec
17	15:45:28	SELECT Restaurant_Name, Aggregate_rating FROM zomato_details ORDER BY A... 10 row(s) returned		0.031 sec / 0.000 sec

11. How many restaurants are currently delivering?

```
9636
9637 /* 11. How many restaurants are currently delivering? */
9638 • SELECT Is_delivering_now, COUNT(*) AS DeliveringCount
9639   FROM zomato_details
9640   GROUP BY Is_delivering_now;
```

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content: |

Is_delivering_now	DeliveringCount
No	9517
Yes	34

Result 14 x | Read Only

Output:

Action Output | # Time Action | Message | Duration / Fetch

- 17 15:45:28 SELECT Restaurant_Name, Aggregate_rating FROM zomato_details ORDER BY A... 10 row(s) returned 0.031 sec / 0.000 sec
- 18 15:50:14 SELECT Is_delivering_now, COUNT(*) AS DeliveringCount FROM zomato_details ... 2 row(s) returned 0.015 sec / 0.000 sec

12. How many restaurants have a specific price range?

File | Edit | Insert | Delete | Select | Update | Insert New | Refresh | Don't Limit | | | | | | | | |

```
9641
9642      /* 12. How many restaurants have a specific price range */
9643 •   SELECT Price_range, COUNT(*) AS RestaurantCount
9644     FROM zomato_details
9645     group by Price_range;
```

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content: |

Price_range	RestaurantCount
1	4444
2	3113
3	1408
4	586

Result 18 x | Read Only

Output:

Action Output | # Time Action | Message | Duration / Fetch

- 21 15:58:10 SELECT Price_range, COUNT(*) AS RestaurantCount FROM zomato_details group... 4 row(s) returned 0.016 sec / 0.000 sec
- 22 15:58:37 SELECT Price_range, COUNT(*) AS RestaurantCount FROM zomato_details group... 4 row(s) returned 0.015 sec / 0.000 sec

13. What is the average rating for restaurants that offer table booking?

File | Edit | Insert | Delete | Select | Update | Insert New | Refresh | Don't Limit | | | | | | | | |

```
9647
9648      /* 13. What is the average rating for restaurants that offer table booking? */
9649 •   SELECT Has_Table_booking, AVG(Aggregate_rating) AS AvgRating
9650     FROM zomato_details
9651     GROUP BY Has_Table_booking;
```

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content: |

Has_Table_booking	AvgRating
Yes	3.4419689119170966
No	2.55935898963422

Result 19 x | Read Only

Output:

Action Output | # Time Action | Message | Duration / Fetch

- 22 15:58:37 SELECT Price_range, COUNT(*) AS RestaurantCount FROM zomato_details group... 4 row(s) returned 0.015 sec / 0.000 sec
- 23 16:01:38 SELECT Has_Table_booking, AVG(Aggregate_rating) AS AvgRating FROM zomat... 2 row(s) returned 0.016 sec / 0.000 sec

14. How many restaurants in a specific city have a rating color of 'Green'?

File | Edit | Insert | Delete | Select | Update | Insert New | Refresh | Don't Limit | | | | | | | | |

```
9652
9653      /* 14. How many restaurants in a specific city have a rating color of 'Green'? */
9654 •   SELECT City, COUNT(*) AS GreenRatingCount
9655     FROM zomato_details
9656     WHERE city IN ('CHENNAI', 'COIMBATORE') AND Rating_color = 'Green'
9657     GROUP BY city;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

City	GreenRatingCount
Coimbatore	11
Chennai	12

Result 25 × Read Only

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
30	16:37:18	SELECT City, COUNT(*) AS GreenRatingCount FROM zomato_details WHERE city...	2 row(s) returned	0.000 sec / 0.000 sec
31	16:38:15	SELECT City, COUNT(*) AS GreenRatingCount FROM zomato_details WHERE city...	2 row(s) returned	0.015 sec / 0.000 sec

15. What is the highest number of votes received by a restaurant?

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

```
9658
9659    /* 15. What is the highest number of votes received by a restaurant? */
9660 •   SELECT MAX(Votes) AS MaxVotes FROM zomato_details;
```

Result 26 × Read Only

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
31	16:38:15	SELECT City, COUNT(*) AS GreenRatingCount FROM zomato_details WHERE city...	2 row(s) returned	0.015 sec / 0.000 sec
32	16:44:02	SELECT MAX(Votes) AS MaxVotes FROM zomato_details	1 row(s) returned	0.015 sec / 0.000 sec

16. How many restaurants offer online delivery and have a rating text of 'Very Good'?

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

```
9661
9662    /* 16. How many restaurants offer online delivery and have a rating text of 'Very Good'? */
9663 •   SELECT COUNT(*) AS OnlineDeliveryVeryGood
9664     FROM zomato_details
9665     WHERE Has_Online_delivery = 'Yes' AND Rating_text = 'Very Good';
```

Result 27 × Read Only

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
33	16:48:13	SELECT COUNT(*) AS OnlineDeliveryVeryGood FROM zomato WHERE Has_Online... Error Code: 1146. Table 'zomato.zomato' doesn't exist		0.016 sec
34	16:48:26	SELECT COUNT(*) AS OnlineDeliveryVeryGood FROM zomato_details WHERE H...	1 row(s) returned	0.016 sec / 0.000 sec

17. How many restaurants have both table booking and online delivery options available?

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

```
9666
9667    /* 17. How many restaurants have both table booking and online delivery options available? */
9668 •   SELECT COUNT(*) AS TableBookingOnlineDelivery
9669     FROM zomato_details
9670     WHERE Has_Table_booking = 'Yes' AND Has_Online_delivery = 'Yes';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid

TableBookingOnlineDelivery
▶ 435

Result 28 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
34	16:48:26	SELECT COUNT(*) AS OnlineDeliveryVeryGood FROM zomato_details WHERE H...	1 row(s) returned	0.016 sec / 0.000 sec
35	16:53:29	SELECT COUNT(*) AS TableBookingOnlineDelivery FROM zomato_details WHER...	1 row(s) returned	0.016 sec / 0.000 sec

18. What are the top 10 localities with the highest number of restaurants?

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid

```
9671
9672    /* 18. What are the top 10 localities with the highest number of restaurants? */
9673 •   SELECT Locality, COUNT(*) AS RestaurantCount
9674     FROM zomato_details
9675     GROUP BY Locality
9676     ORDER BY RestaurantCount DESC
9677     LIMIT 10;
```

Result 29 ×

Output

Action Output

Locality	RestaurantCount
Connaught Place	122
Rajouri Garden	99
Shahdara	87
Defence Colony	86
Pitampura	85
Malviya Nagar	85
Mayur Vihar Phase 1	84
Rajinder Nagar	81
Safdarjung	80
Satyaniketan	79

#	Time	Action	Message	Duration / Fetch
35	16:53:29	SELECT COUNT(*) AS TableBookingOnlineDelivery FROM zomato_details WHER...	1 row(s) returned	0.016 sec / 0.000 sec
36	16:57:41	SELECT Locality, COUNT(*) AS RestaurantCount FROM zomato_details GROUP B...	10 row(s) returned	0.016 sec / 0.000 sec

19. How many restaurants have an average cost for two people in a specific range (e.g., between 500 and 1000)?

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid

```
9678
9679    /* 19. How many restaurants have an average cost for two people in a specific range (e.g., between 500 and 1000)? */
9680 •   SELECT COUNT(*) AS 'Restaurant Count (Avg. cost b/w 500-1000)'
9681     FROM zomato_details
9682     WHERE Average_Cost_for_two BETWEEN 500 AND 1000;
```

Result 32 ×

Output

Action Output

Restaurant Count (Avg. cost b/w 500-1000)
3202

#	Time	Action	Message	Duration / Fetch
39	17:08:50	SELECT COUNT(*) AS 'Restaurant Count (500-1000)' FROM zomato_details WHE...	1 row(s) returned	0.031 sec / 0.000 sec
40	17:09:11	SELECT COUNT(*) AS 'Restaurant Count (Avg. cost b/w 500-1000)' FROM zomato...	1 row(s) returned	0.016 sec / 0.000 sec

20. Can you find the top 5 cuisines with the highest average cost for two people?

```

9683
9684 /* 20. Can you find the top 5 cuisines with the highest average cost for two people? */
9685 • SELECT Cuisines, AVG(Average_Cost_for_Two) AS AvgCostForTwo
9686 FROM zomato_details
9687 GROUP BY Cuisines
9688 ORDER BY AvgCostForTwo DESC
9689 LIMIT 5;

```

Result Grid

Cuisines	AvgCostForTwo
"Asian, Indonesian, Western"	800000.0000
"French, Western"	350000.0000
Indonesian	300000.0000
"Cafe, Western"	300000.0000
"Sushi, Japanese"	250060.0000

Action Output

#	Time	Action	Message	Duration / Fetch
40	17:09:11	SELECT COUNT(*) AS 'Restaurant Count (Avg. cost b/w 500-1000)' FROM zomato...	1 row(s) returned	0.016 sec / 0.000 sec
41	17:13:25	SELECT Cuisines, AVG(Average_Cost_for_Two) AS AvgCostForTwo FROM zomato...	5 row(s) returned	0.047 sec / 0.000 sec

21. What is the average rating for restaurants that offer both table booking and online delivery in a specific city?

```

9690
9691 /* 21. What is the average rating for restaurants that offer both table booking and online delivery in a specific city? */
9692 • SELECT City, round(AVG(Aggregate_rating),2) AS AvgRating
9693 FROM zomato_details
9694 WHERE Has_Table_booking = 'Yes' AND Has_Online_delivery = 'Yes'
9695 GROUP BY City;

```

Result Grid

City	AvgRating
Abu Dhabi	4.28
Dubai	4.27
Bangalore	4.43
Chennai	4.32
Faridabad	2.13
Ghaziabad	1.8
Gurgaon	3.7

Action Output

#	Time	Action	Message	Duration / Fetch
43	17:24:33	SELECT City, AVG(Aggregate_rating) AS AvgRating FROM zomato_details WHERE...	14 row(s) returned	0.016 sec / 0.000 sec
44	17:24:58	SELECT City, round(AVG(Aggregate_rating),2) AS AvgRating FROM zomato_detail...	14 row(s) returned	0.016 sec / 0.000 sec

22. Join and Retrieve Restaurant Details with Country Name

```

9696
9697 /* 22. Join and Retrieve Restaurant Details with Country Name */
9698 • SELECT z.Restaurant_ID, z.Restaurant_Name, c.country AS CountryName, z.City, z.Cuisines
9699 FROM zomato_details z
9700 JOIN countrycode c ON z.Country_Code = c.country_code;

```

Result Grid

Restaurant_ID	Restaurant_Name	CountryName	City	Cuisines
6317637	Le Petit Souffle	Philippines	Makati City	"French, Japanese, Desserts"
6304287	Izakaya Kikufuji	Philippines	Makati City	Japanese
6300002	Heat - Edsa Shangri-La	Philippines	Mandaluyong City	"Seafood, Asian, Filipino, Indian"
6318506	Ooma	Philippines	Mandaluyong City	"Japanese, Sushi"
6314302	Sambo Kojin	Philippines	Mandaluyong City	"Japanese, Korean"

Action Output

#	Time	Action	Message	Duration / Fetch
85	20:18:48	SELECT z.Restaurant_ID, z.Restaurant_Name, c.country AS CountryName, z.City, ...	9551 row(s) returned	0.000 sec / 0.032 sec
86	20:20:27	SELECT z.Restaurant_ID, z.Restaurant_Name, c.country AS CountryName, z.City, ...	9551 row(s) returned	0.000 sec / 0.016 sec

23. How many restaurants in a given country have a price range of 3 and above and an aggregate rating above 4.5?

```

9696
9697 /* 22. How many restaurants in a given country have a price range of 3 and above and an aggregate rating above 4.5? */
9698 • SELECT c.country, c.country_code, COUNT(*) AS HighRatingCount
9699   FROM zomato_details z
9700   JOIN countrycode c
9701   ON c.Country_Code = z.Country_Code
9702   WHERE c.Country_Code IN (1, 216, 148, 189) AND z.Price_range >= 3 AND z.Average_rating > 4.5
9703   GROUP BY c.country, c.country_code;
9704

```

Result Grid

country	country_code	HighRatingCount
United States	216	17
India	1	52
New Zealand	148	6
South Africa	189	7

Action Output

#	Time	Action	Message	Duration / Fetch
60	17:47:52	SELECT c.country, c.country_code, COUNT(*) AS HighRatingCount FROM zomato...	3 row(s) returned	0.016 sec / 0.000 sec
61	17:48:09	SELECT c.country, c.country_code, COUNT(*) AS HighRatingCount FROM zomato...	4 row(s) returned	0.031 sec / 0.000 sec

24. What is the total number of votes received by restaurants with a 'Very Good' rating in a particular country?

```

9705 /* 23. What is the total number of votes received by restaurants with a 'Very Good' rating in a particular country? */
9706 • SELECT z.City, SUM(z.Votes) AS TotalVotes
9707   FROM zomato_details z
9708   JOIN countrycode c
9709   ON c.country_code = z.country_code
9710   WHERE Rating_text = 'Very Good' AND c.country = 'India'
9711   GROUP BY z.city;

```

Result Grid

City	TotalVotes
Agra	1072
Ahmedabad	8394
Amritsar	1174
Bangalore	15802
Bhopal	1533
Bhubaneshwar	1729
Chandigarh	6409

Action Output

#	Time	Action	Message	Duration / Fetch
62	17:56:11	SELECT c.country, z.City, SUM(z.Votes) AS TotalVotes FROM zomato_details z ...	38 row(s) returned	0.015 sec / 0.000 sec
63	17:56:32	SELECT z.City, SUM(z.Votes) AS TotalVotes FROM zomato_details z JOIN country...	38 row(s) returned	0.016 sec / 0.000 sec

25. Identify the restaurants that are delivering now and have the lowest aggregate rating in a specific country for area of improvement.

```

9713 /* 24. Identify the restaurants that are delivering now and have the lowest aggregate rating in a specific country for area of improvement. */
9714 • SELECT z.Restaurant_Name, z.Average_rating, z.Locality
9715   FROM zomato_details z
9716   JOIN countrycode c
9717   ON c.country_code = z.country_code
9718   WHERE z.Is_delivering_now = 'Yes' AND c.country = 'india'
9719   ORDER BY z.Average_rating
9720   LIMIT 10;

```

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content: | Result Grid | Form Editor | Read Only

Restaurant_Name	Aggregate_rating	Locality
Cake 24x7	0	Udyog Vihar
Captain Bill's Deliverz	2.4	Sector 14
Grandma's Kitchen	2.5	DLF Phase 3
PM 2 AM Food Bank	2.5	Alaknanda
Captain Bill's Deliverz	2.5	Sohna Road
Nite Bites	2.7	Sector 59
Midnight Fries	2.7	Kirti Nagar

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
68	18:14:27	SELECT z.Restaurant_Name, z.Average_rating, z.Locality FROM zomato_details ...	10 row(s) returned	0.016 sec / 0.000 sec
69	18:15:04	SELECT z.Restaurant_Name, z.Average_rating, z.Locality FROM zomato_details ...	10 row(s) returned	0.032 sec / 0.000 sec

26. Can you find the top 5 restaurants with the most votes and a rating color of 'Red'?

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content: | Result Grid | Form Editor | Read Only

```

9722 /* 25. Can you find the top 5 restaurants with the most votes and a rating color of 'Red'? */
9723 • SELECT c.country, z.Restaurant_Name, z.Votes
9724   FROM zomato_details z
9725   JOIN countrycode c
9726   ON c.country_code = z.country_code
9727   WHERE Rating_color = 'Red'
9728   GROUP BY c.country, z.Restaurant_Name, z.Votes
9729   ORDER BY z.Votes DESC
9730   LIMIT 5;
  
```

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
71	18:28:14	SELECT c.country, z.Restaurant_Name, z.Votes FROM zomato_details z JOIN cou... Error Code: 1055. Expression #2 of SELECT list is not in GROUP BY clause and co...	Error Code: 1055. Expression #2 of SELECT list is not in GROUP BY clause and co...	0.000 sec
72	18:28:33	SELECT c.country, z.Restaurant_Name, z.Votes FROM zomato_details z JOIN cou... 5 row(s) returned	5 row(s) returned	0.031 sec / 0.000 sec

27. How many restaurants in each price range (1 to 4) have an average cost for two people below 500 and are delivering now?

```

9731  /* 26. How many restaurants in each price range (1 to 4) have an average cost for two people below 500 and are delivering now? */
9732 • SELECT c.country, z.Price_range, COUNT(*) AS RestaurantCount
9733   FROM zomato_details z
9734   JOIN countrycode c
9735   ON c.country_code = z.country_code
9736   WHERE z.Average_Cost_for_two < 500 AND z.Is_delivering_now = 'Yes'
9737   GROUP BY c.country, z.Price_range;
9738
9739
9740
9741
9742
9743
9744
9745
9746
9747
9748
9749
9750
9751
9752
9753
9754
9755
9756
9757
9758
9759

```

Result Grid

country	Price_range	RestaurantCount
India	1	7

Action Output

#	Time	Action	Message	Duration / Fetch
75	18:42:06	SELECT Price_range, COUNT(*) AS RestaurantCount FROM zomato_details WHERE ...	1 row(s) returned	0.031 sec / 0.000 sec
76	18:43:09	SELECT c.country, z.Price_range, COUNT(*) AS RestaurantCount FROM zomato_... ...	1 row(s) returned	0.000 sec / 0.000 sec

28. Find the restaurant that offers the most diverse range of cuisines.

```

9739  /* 27. Find the restaurant that offers the most diverse range of cuisines. */
9740 • SELECT Restaurant_Name, COUNT(DISTINCT Cuisines) AS CuisineCount
9741   FROM zomato_details
9742   GROUP BY Restaurant_Name
9743   ORDER BY CuisineCount DESC
9744   LIMIT 1;
9745
9746
9747
9748
9749
9750
9751
9752
9753
9754
9755
9756
9757
9758
9759

```

Result Grid

Restaurant_Name	CuisineCount
Barbeque Nation	14

Action Output

#	Time	Action	Message	Duration / Fetch
78	18:55:44	SELECT Restaurant_Name, COUNT(DISTINCT Cuisines) AS CuisineCount FROM ...	1 row(s) returned	0.031 sec / 0.000 sec
79	18:56:51	SELECT Restaurant_Name, COUNT(DISTINCT Cuisines) AS CuisineCount FROM ...	1 row(s) returned	0.031 sec / 0.000 sec

29. Determine the city with the highest variety of cuisines available and find the restaurant with the most extensive menu in that city.

```

9747  /* 28. Determine the city with the highest variety of cuisines available and find the restaurant with the most extensive menu in that city. */
9748 • SELECT City, COUNT(DISTINCT Cuisines) AS UniqueCuisines
9749   FROM zomato_details
9750   GROUP BY City
9751   ORDER BY UniqueCuisines DESC
9752   LIMIT 1;
9753
9754 • SELECT Restaurant_Name, COUNT(DISTINCT Cuisines) AS UniqueCuisines
9755   FROM zomato_details
9756   WHERE City = 'New delhi'
9757   GROUP BY Restaurant_Name
9758   ORDER BY UniqueCuisines DESC
9759   LIMIT 1;

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid
 Form Editor

City	UniqueCuisines
New Delhi	892

Result 59 x Read Only

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
79	18:56:51	SELECT Restaurant_Name, COUNT(DISTINCT Cuisines) AS CuisineCount FROM ...	1 row(s) returned	0.031 sec / 0.000 sec
80	18:59:51	SELECT City, COUNT(DISTINCT Cuisines) AS UniqueCuisines FROM zomato_data...	1 row(s) returned	0.047 sec / 0.000 sec

Result Grid | Form Editor

Restaurant_Name	UniqueCuisines
Aggarwal Sweets	10

Result 60 x Read Only

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
80	18:59:51	SELECT City, COUNT(DISTINCT Cuisines) AS UniqueCuisines FROM zomato_data...	1 row(s) returned	0.047 sec / 0.000 sec
81	19:03:59	SELECT Restaurant_Name, COUNT(DISTINCT Cuisines) AS UniqueCuisines FRO...	1 row(s) returned	0.016 sec / 0.000 sec

30. Identify the time of day when most online food orders are placed (morning, afternoon, evening, or night).

9765 /* 30. Find the top 5 localities where restaurants with a 'Very Good' rating are most concentrated and have a price range of 2. */
 9766 • SELECT Locality, COUNT(*) AS RestaurantCount
 9767 FROM zomato_details
 9768 WHERE Rating_text = 'Very Good' AND Price_range = 2
 9769 GROUP BY Locality
 9770 ORDER BY RestaurantCount DESC
 9771
 9772 LIMIT 5;

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid
 Form Editor

Locality	RestaurantCount
Satyaniketan	11
Greater Kailash (GK)	9
DLF Phase 4	6
Malviya Nagar	6
Davenport	6

Result 64 x Read Only

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
86	20:20:27	SELECT z.Restaurant_ID, z.Restaurant_Name, z.country AS CountryName, z.City, ...	9551 row(s) returned	0.000 sec / 0.016 sec
87	20:22:28	SELECT Locality, COUNT(*) AS RestaurantCount FROM zomato_details WHERE ...	5 row(s) returned	0.016 sec / 0.000 sec