

Create Database

Create Database Swiggy;

Set the Database to work on

Use Swiggy;

Show All Record of Table

SELECT * FROM tbl_swiggy;

restaurant_no	restaurant_name	city	address	rating	cost_per_person	cuisine	restaurant_link	menu_category	item	price	veg_or_non-veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Accompaniments	Roasted Papad	35	Veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Accompaniments	Fried Papad	40	Veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Indian Breads	Tandoori Roti (1 Pc)	45	Veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Indian Breads	Butter Roti	50	Veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Indian Breads	Plain Kulcha (1 Pc)	50	Veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Main Course	Boiled Egg	55	Non-veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Salads	Cucumber Salad	55	Veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Indian Breads	Plain Methi Roti	55	Veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Indian Breads	Plain Kasta Roti	55	Veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Indian Breads	Butter Kulcha	55	Veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Indian Breads	Pudina Paratha	55	Veg
1	Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kor...	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor-...	Indian Breads	Plain Garlic Roti (1 Pc)	55	Veg

Show All Record of Table

SELECT Count(*) Total_Data FROM tbl_swiggy;

Total_Data
50030

What is the most 2 common Cuisine Among the Restaurant in Dataset?

Select Count(*) as Total_Count, cuisine

from tbl_Swiggy

Group by cuisine Order By Total_Count Desc Limit 2;

```

2 • Select
3     Count(*) as Total_Count,
4     cuisine
5 from tbl_Swiggy
6 Group by cuisine
7 Order By Total_Count Desc
8 Limit 2;
9
10 -- Above we are counting the Cuisine from all the Restaurant Using Count()
11 -- Grouping the Cuisine using the Group By
12 -- Sorting the Total Count By Order By in Descending Order
13 -- Limit : Using Limit we can set the No of record to show in result set

```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
	Total_Count	cuisine				
▶	3098	North Indian,Chinese				
	1427	North Indian				

How many restaurant has rating greater than 4.5

```

select Count(distinct Restaurant_Name ) As Rating_Count
from tbl_swiggy
where rating > 4.5;

```

```

2
3 • select
4     count(distinct Restaurant_Name ) As Rating_Count
5 from tbl_swiggy
6 where rating > 4.5;
7
8 -- Here , We are Counting the Unique Restaurant Name
9 -- Where : With Where Clause, we are filtering the Data with Rating greater than 4.5

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
Rating_Count			
13			

Which is the top 1 City with Highest No of Restaurants ?

Select Count(distinct Restaurant_Name) Total, City
from tbl_swiggy

Group by City Order by Total Desc Limit 1;

```

2
3 • Select Count(distinct Restaurant_Name) As Total_Count,
4     City
5     from tbl_swiggy
6     Group by City Order by Total Desc Limit 1;
7
8     -- Here We are counting the Unique Restaurant Name
9     -- With Group By We are grouping the City NAME to find the Total No of Restaurant Count
10    -- Using Order By , we are sorting the data in Highest to lowest
11    -- With Limit Clause : We are Finding the Top 1
12
13

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
Total	City			
196	Bangalore			

How many Restaurant Have the word "PIZZA" in their name ?

Select Distinct Restaurant_Name from tbl_swiggy
where Restaurant_Name like '%Pizza%';

```

2
3 • Select Distinct Restaurant_Name
4 from tbl_swiggy
5 where Restaurant_Name like '%Pizza%';
6
7 -- Here We are counting the Unique Restaurant Name in Table.
8 -- Using Where Clause , We are filtering the data
9 -- Using Like Operator , We are finding the specific Pattern in the column
10
11
12

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	Restaurant_Name			
▶	Pizza Hut			
	Oven Story Pizza			
	Domino's Pizza			
	Sams Pizza			

What is the average rating of restaurant in each city?

Select City, avg(rating) As Avg_Rating

From tbl_Swiggy Group By City, Order by Avg_Rating DESC;

```

3 • Select
4     City,
5     avg(rating) As Avg_Rating
6 From tbl_Swiggy
7 Group By City
8 Order by Avg_Rating DESC;
9
10 -- AVG : Here We are calculating the average rating by using the AVG() Method. .
11 -- Using Group By Clause , We are Grouping The City
12 -- Using Order By , We are Sorting the rating in High to Low
13

```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	City	Avg_Rating			
▶	Bangalore	4.115101875434145			
	Ahmedabad	4.06862643752415			

What is the Highest Price of Item Under the 'Recommended' Menu category for each Restaurant?

Select distinct Restaurant_Name, Menu_Category, Max(Price) As Highest_Price from tbl_Swiggy

Where Menu_Category = 'Recommended'

Group By Restaurant_Name, Menu_Category ;

```

3 • Select
4     distinct Restaurant_Name,
5     Menu_Category,
6     Max(Price) As Highest_Price
7 from tbl_Swiggy
8 Where Menu_Category = 'Recommended'
9 Group By Restaurant_Name, Menu_Category ;
10
11 -- MAX : Here We are calculating the MAX Price By using the MAX() Method. .
12 -- Using Group By Clause , We are Grouping The Restaurant_Name, Menu_Category
13 -- Using Where Clause , We are Filtering the Data on Menu Category
14

```

Result Grid			
Filter Rows:		Export:	Wrap Cell Content:
Restaurant_Name	Menu_Category	Highest_Price	
Tandoor Hut	Recommended	445	
Anjappar	Recommended	107	
Meghana Foods	Recommended	345	
Mani's Dum Biryani	Recommended	2599	
A2B Veg	Recommended	145	
Pabrai's Fresh and Naturelle Ice Creams	Recommended	169	
Hotel Empire	Recommended	1599	
Anand Sweets and Savouries	Recommended	190	
Aalishan Restaurant & Caterer	Recommended	395	
Moti Mahal Delux	Recommended	499	
Chai Point	Recommended	592	
Cream Stone Ice Cream	Recommended	225	
Corner House Ice Cream	Recommended	175	
SMON	Recommended	1155	

Find the Top 5 Most Expensive Restaurants that offers Cuisine other than North India Cuisine?

Select

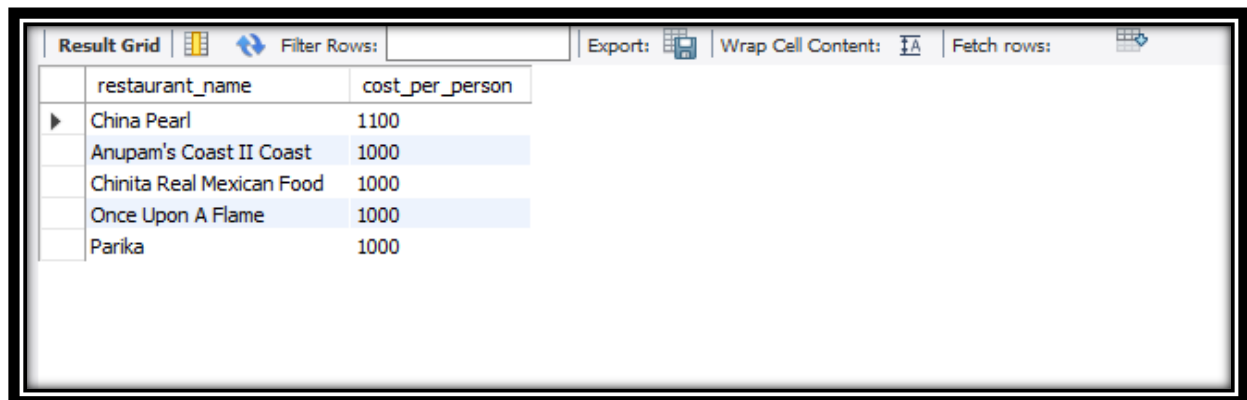
Distinct restaurant_name, cost_per_person

from tbl_Swiggy

where cuisine != 'North Indian'

Order By cost_per_person

DESC Limit 5;



The screenshot shows a database query result grid with the following data:

	restaurant_name	cost_per_person
▶	China Pearl	1100
	Anupam's Coast II Coast	1000
	Chinita Real Mexican Food	1000
	Once Upon A Flame	1000
	Parika	1000

Find the Restaurant that Have an Average cost higher than the Total Average cost of all Restaurants Together ?

Select

Distinct restaurant_name, cost_per_person

from tbl_Swiggy

where cost_per_person > (

Select avg(cost_per_person) from tbl_Swiggy

);

```

5   # Find the Restaurant that Have an Average cost higher than the Total Average cost of all Restaurants Together
6
7   • select * from tbl_Swiggy;
8
9   • Select
10      Distinct restaurant_name, cost_per_person
11      from tbl_Swiggy
12      where cost_per_person > (
13          Select avg(cost_per_person) from tbl_Swiggy
14      );
15

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	restaurant_name	cost_per_person		
	Anjappar	600		
	Truffles	450		
	Via Milano	800		
	Meghana Foods	500		
	Anupam's Coast II Coast	1000		
	Mani's Dum Biryani	400		
	Parika	1000		
▶	Bangaliana	500		
	Beijing Bites	450		
	Noodle Bar	800		
	Hotel Empire	450		
	Bamey's Restro Cafe	400		
	Spice Up	400		
	Moti Mahal Delux	500		

tbl_Swiggy 44 x

Retrieve detail of All restaurants that have the Same Name but located in Different cities ?

```

select      t1.restaurant_name, t1.city, t2.city
from tbl_swiggy t1 inner Join tbl_swiggy t2
on    t1.restaurant_name = t2.restaurant_name
and    t1.City <> t2.City;

```



```

5   # Retrieve detail of All restaurants that have the Same Name but located in Different cities ?
6   • select
7       Distinct t1.restaurant_name, t1.city,
8       t2.city
9   from tbl_swiggy t1
10  inner Join tbl_swiggy t2
11  on
12      t1.restaurant_name = t2.restaurant_name
13      and
14      t1.City <> t2.City;

```

Result Grid			
Filter Rows:			
Export:			
Wrap Cell Content:			
	restaurant_name	city	city
▶	Subway	Bangalore	Ahmedabad
	Mainland China	Bangalore	Ahmedabad
	Burger King	Bangalore	Ahmedabad
	Pizza Hut	Bangalore	Ahmedabad
	Behrouz Biryani	Bangalore	Ahmedabad
	Faasos - Wraps & Rolls	Bangalore	Ahmedabad
	KFC	Bangalore	Ahmedabad
	Oven Story Pizza	Bangalore	Ahmedabad
	McDonald's	Bangalore	Ahmedabad
	Natural Ice Cream	Bangalore	Ahmedabad
	Cafe Coffee Day	Bangalore	Ahmedabad
	Sweet Truth - Cake ...	Bangalore	Ahmedabad
	Firangi Bake	Bangalore	Ahmedabad
	Burger King	Ahmedabad	Bangalore

which restaurants offers the Most No of Item In the 'Main Course' category

Select

Distinct restaurant_name, Count(Item) As Total_Item_Count

from tbl_Swiggy

where menu_category = 'Main Course'

group By restaurant_name

Order By Total_Item_Count DESC;

```

9 • Select
10     Distinct restaurant_name, Count(Item) As Total_Item_Count
11   from tbl_Swiggy
12  where menu_category = 'Main Course'
13  group By restaurant_name
14  Order By Total_Item_Count DESC;
15

```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	restaurant_name	Total_Item_Count			
▶	Spice Up	172			
	Moti Mahal Delux	139			
	Shivam Snacks	124			
	Bathinda Junction	123			
	Punjabi Nawabi	118			
	Fish Corner	117			
	Zhangs Chinese Restaurant	117			
	Shanghai Court	106			
	Tasty Bites	105			
	Pingara	100			
	R.K.Centre	95			
	Khana Khazana	92			
	Beijing Bites	90			
	Roots	88			
	Aalishan Restaurant & Cat...	84			
	Kahir Restaurant	80			

List The Restaurant providing the Lowest Average price for all Item?

```



Select Distinct Restaurant_Name, Avg(Price) as Avg_Price from tbl_Swiggy
group by Restaurant_Name
Order By Avg_Price ASC ;

```

```

3   # Which is the Reatsurant providing the Lowest Average price for all Item ?
4
5   •   Select Distinct Restaurant_Name, Avg(Price) as Avg_Price  from tbl_Swiggy
6       group by  Restaurant_Name
7       Order By Avg_Price ASC ;
8

```

Result Grid		
Filter Rows: <input type="text"/>		
Export:  Wrap Cell Content: 		
	Restaurant_Name	Avg_Price
▶	Urban Kiti	62.1705
	Southinn	65.4412
	Cane Cruss	70.0000
	Lassi Shop	77.5595
	Kachori Kafe	77.6000
	Mewad Dabeli And Snacks	78.9438
	Das Khaman	82.9032
	Lassi Shop	84.9327
	Kolkata Famous Kati Rolls	85.0323
	New Udipi Grand	86.5464
	Juice Junction	87.3710
	Bombay Kulfis	88.9527
	Chai Wai	92.1062
	Kota Kachori And Falahaar	93.1667
	Delhi Food Point	93.5536
	Pabrai's Fresh and Natur...	93.7407

Result 1 ×

Which is the Top 5 Restaurant providing Number of Category?

```

Select Distinct Restaurant_Name,
        count(Distinct Menu_Category) as Catefory_Count
from tbl_Swiggy
group by Restaurant_Name

```

Order By Catefory_Count Desc

Limit 5 ;

```
2
3   # Which is the Top 5 Reatsurant providing Number of Category ?
4
5 •   Select
6       Distinct Restaurant_Name,
7       count(Distinct Menu_Category) as Catefory_Count  from tbl_Swiggy
8   group by Restaurant_Name
9   Order By Catefory_Count Desc
10  Limit 5 ;
11
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
	Restaurant_Name	Catefory_Count				
▶	Imperial Restaurant	39				
	Asha Sweet Center	37				
	Udupi Palace	30				
	Hotel Empire	30				
	Bangaliana	27				

List The all Menu Category

Select Distinct Menu_Category From tbl_swiggy ;

```
2
3   # List The all Menu Category
4
5 •   Select
6       Distinct Menu_Category
7       From tbl_swiggy;
8
```

Menu_Category
Accompaniments
Indian Breads
Main Course
Salads
Beverages
Soups
Biryani And Rice
Chinese Main Course
Recommended
Starters
Family Binge Combos
Indian Bakery
Desserts
Purani Dilli Main Cou...
Purani Dilli Special C...
Festive Specials
Sweets
Chips
Namkeen Packs

4	# How Many Category are in the dataset
5	
6	• Select
7	Count(Distinct Menu_Category) as Total_Category
8	From tbl_swiggy;
9	

Total_Category
1693

Show Category Wise Total Item ?

```

Select Distinct Menu_Category,      Count(Distinct Item) as Total_Item
From tbl_swiggy
Group by Menu_Category
Order By Total_Item Desc ;

```

```

3   # Show Category Wise Total Item ?
4
5   •   Select
6       Distinct Menu_Category,
7       Count(Distinct Item) as Total_Item
8   From tbl_swiggy
9   Group by Menu_Category
10  Order By Total_Item Desc;
11
12
13

```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
	Menu_Category	Total_Item				
▶	Recommended	3106				
	Main Course	2455				
	Starters	1586				
	Indian	1087				
	Beverages	936				
	Quick Bites	628				
	Chinese	599				
	Desserts	402				
	South Indian	385				
	Combos	380				
	Soups	365				
	Sandwiches	290				
	Pizzas	211				
	Breakfast	210				
	Sweets	202				

Result 11 ×

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