SQL CASE STUDY SWIGGY

Questions

1 HOW MANY RESTAURANTS HAVE A RATING GREATER THAN 4.5?

select count(distinct restaurant_name) as restaurant_count

from swiggy

where rating > 4.5;



02

WHICH IS THE TOP 1 CITY WITH THE HIGHEST NUMBER OF RESTAURANTS?

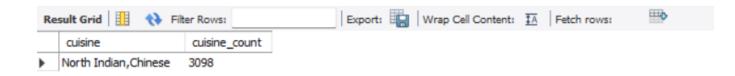
select city , count(distinct restaurant_name) as restaurant_count
from swiggy
group by city
order by restaurant_count desc
limit 1;



Sams Pizza

Q4 WHAT IS THE MOST COMMON CUISINE AMONG THE RESTAURANTS IN THE DATASET?

```
select cuisine , count(cuisine) as cuisine_count
from swiggy
group by cuisine
order by cuisine_count desc
limit 1;
```



05

THE AVERAGE RATING OF RESTAURANTS IN EACH CITY?

```
select city , round(avg(rating),2) as average_rating
from swiggy
group by city;
```

Re	sult Grid 🎚	Filter Rows:	Export: Wrap Cell Content:	3	‡A	<u>‡A</u>	<u>‡A</u>	<u>∓A</u>	<u>‡A</u>																						
	city	average_rating																													
•	Bangalore	4.12	•																												
	Ahmedabad	4.07																													

06

WHAT IS THE HIGHEST PRICE OF ITEM UNDER THE 'RECOMMENDED' MENU CATEGORY FOR EACH RESTAURANT?

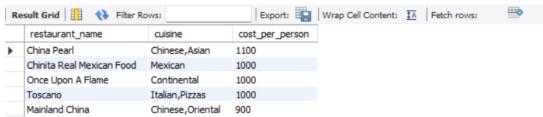
select distinct restaurant_name , menu_category ,max(price) over(partition by restaurant_name) as highest_price
from swiggy

where menu_category = 'recommended';

restaurant_name	menu_category	highest_price	
1944 - The Hocco Kitchen	Recommended	90	
1944 The Hocco Kitchen	Recommended	90	
9834 The Fruit Truck	Recommended	550	
A2B Veg	Recommended	80	
Aalishan Restaurant & Caterer	Recommended	90	
Ab Chai Pe Charcha	Recommended	99	
Amazing Hydrabadi Dum Biryani	Recommended	99	
Amdos Kitchen	Recommended	51	
Anand Sweets and Savouries	Recommended	190	
Angat 22 - The Restaurant & Banquet	Recommended	315	
Anjappar	Recommended	95	
Art of Delight	Recommended	749	
Asha Sweet Center	Recommended	350	
Azad Sweets & Restaurant	Recommended	80	
Baker'S Den	Recommended	99	
Balista	Recommended	89	
Baskin Robbins	Recommended	99	
Behrouz Biryani	Recommended	999	
Beijing Bites	Recommended	349	
Burger King	Recommended	89	
Burgometry	Recommended	89	
Cafe Coffee Day	Recommended	618	
Cafe Pascucci	Recommended	289	
Cafe Piano - The Grand Bhagwati	Recommended	75	
Calicut Restaurant	Recommended	255	

FIND THE TOP 5 MOST EXPENSIVE RESTAURANTS THAT OFFER CUISINE OTHER THAN INDIAN CUISINE.

```
select distinct restaurant_name , cuisine , cost_per_person
from swiggy where cuisine not like '%india%'
order by cost_per_person desc
limit 5;
```

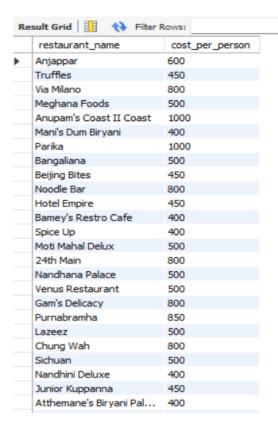


80

FIND THE RESTAURANTS THAT HAVE AN AVERAGE COST WHICH IS HIGHER THAN THE TOTAL AVERAGE COST OF ALL RESTAURANTS TOGETHER.

Export: Wrap Cell Content: TA

select distinct restaurant_name , cost_per_person
from swiggy where cost_per_person > (select avg(cost_per_person) from swiggy);



RETRIEVE THE DETAILS OF RESTAURANTS THAT HAVE THE SAME NAME BUT ARE LOCATED IN DIFFERENT CITIES.

```
select\ restaurant\_name\ ,\ count(city)\ as\ city\_count\ from\ ( select\ distinct\ restaurant\_name\ ,\ city\ from\ swiggy\ )\ as\ x\ group\ by\ restaurant\_name\ having\ city\_count\ >\ 1;
```

Re	esult Grid 🔢 🙌 Filt	er Rows:
	restaurant_name	city_count
•	Subway	2
	Burger King	2
	Mainland China	2
	Pizza Hut	2
	Behrouz Biryani	2
	KFC	2
	Faasos - Wraps & Rolls	2
	Oven Story Pizza	2
	McDonald's	2
	Natural Ice Cream	2
	Cafe Coffee Day	2
	Firangi Bake	2
	Sweet Truth - Cake	2

10 WHICH RESTAURANT OFFERS THE MOST NUMBER OF ITEMS IN THE 'MAIN COURSE' CATEGORY?

```
select restaurant_name , menu_category ,count(distinct item) item_count
from swiggy
where menu_category = 'main course'
group by restaurant_name
order by item_count desc
limit 1;
```

Re	sult Grid 📗 🙌	Filter Rows:		Export:	Wrap Cell Content:	<u>∓A</u> Fe	etch rows:	
	restaurant_name	menu_category	item_count					
•	Spice Up	Main Course	172					



LIST THE NAMES OF RESTAURANTS THAT ARE 100% VEGEATARIAN IN ALPHABETICAL ORDER OF RESTAURANT NAME.

```
select restaurant_name , veg_or_nonveg from (
select * , count(*) over(partition by restaurant_name) as cnt from (
select distinct restaurant_name , veg_or_nonveg from swiggy) as x ) as x where cnt < 2;
 Result Grid
                Filter Rows:
                                                Export: Wrap Cell Content: TA
     restaurant_name
                               veg_or_nonveg
    1944 - The Hocco Kitchen
                              Veg
    1944 The Hocco Kitchen
                              Veg
    1947 Restaurant
                              Veg
    24th Main
                              Vea
    9834 The Fruit Truck
                              Veg
    A2B Veg
                              Veg
    Ab Chai Pe Charcha
                              Vea
    Adiga's
                              Veg
    Alinea Restaurant & Banquet
                              Vea
    Anand Sweets and Savouries
                              Veg
    Angat 22 - The Restaurant ...
                              Vea
    Apsara Ice Creams
                              Veg
    Asha Sweet Center
                              Veg
    Baker'S Den
                              Veg
    Balista
                              Veg
    Baskin Robbins
                              Veg
    Bite Me Cupcakes
                              Veg
    Bombay Kulfis
                              Veg
    Burgometry
                              Veg
    Cane Crussh
                              Veg
    Chaat Street Express
                              Vea
    Chaatimes
                              Veg
    Chai Wai
                              Vea
```

12

WHICH IS THE RESTAURANT PROVIDING THE LOWEST AVERAGE PRICE FOR ALL ITEMS?

```
select restaurant_name , count(distinct menu_category) categories
from swiggy
group by restaurant_name
order by categories desc
limit 5;
```

Re	sult Grid III 🙌 Filter Rows:		Export:	Wrap Cell Content:	ĪΑ	Fetch rows:	
	restaurant_name	categories					
•	Imperial Restaurant	39					
	Asha Sweet Center	37					
	Hotel Empire	30					
	Udupi Palace	30					
	Angat 22 - The Restaurant & Banquet	27					

14 WHICH RESTAURANT PROVIDES THE HIGHEST PERCENTAGE OF NON-VEGEATARIAN FOOD?

```
with table1 as(
select restaurant_name , count(distinct item) as nv_item_count
from swiggy where veg_or_nonveg = 'non-veg' group by restaurant_name) ,
table2 as(
select restaurant_name , count(distinct item) as total_item_count
from swiggy where restaurant_name in (select restaurant_name from table1) group by restaurant_name)
select table1.restaurant_name , round(nv_item_count/total_item_count,2) * 100 as nonveg_percentage
from table1,table2 where table1.restaurant_name = table2.restaurant_name
order by nonveg_percentage desc
limit 1;
```

