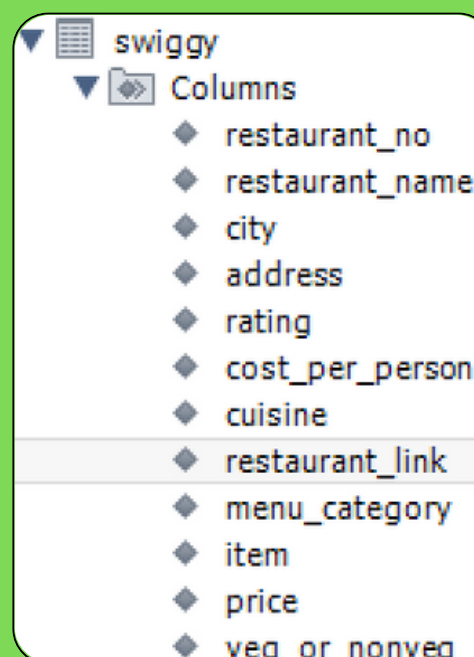


SQL Case Study

SWIGGY

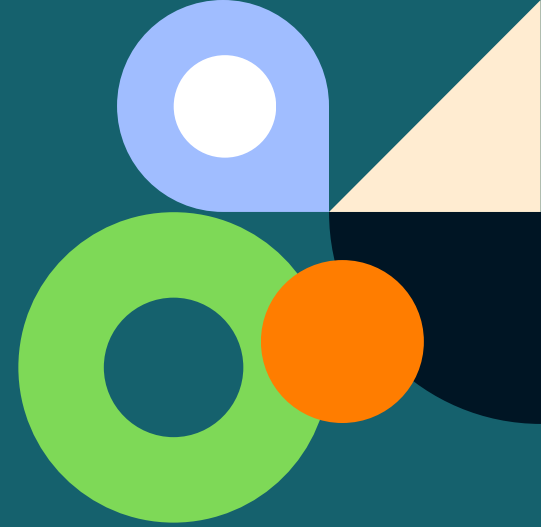
By Deepanshu

Schema



swiggy
Columns
restaurant_no
restaurant_name
city
address
rating
cost_per_person
cuisine
restaurant_link
menu_category
item
price
veg_or_nonveg

SQL Case Study SWIGGY



```
/* 1. HOW MANY RESTAURANTS HAVE A  
RATING GREATER THAN 4.5? */  
SELECT count(distinct RESTAURANT_NO)  
AS no_of_restaurants FROM swiggy  
WHERE RATING>4.5 ;
```

	no_of_restaurants
▶	18

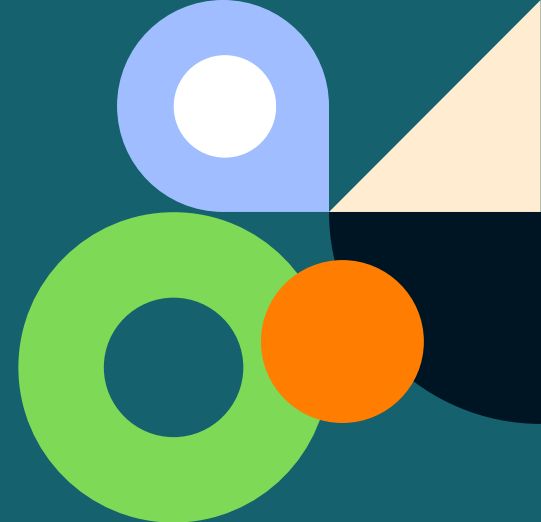
SQL Case Study SWIGGY



```
/* 2. WHICH IS THE TOP 1 CITY WITH THE  
HIGHEST NUMBER OF RESTAURANTS? */  
SELECT CITY, COUNT( DISTINCT RESTAURANT_NO)  
AS highest_no_of_restaurants FROM SWIGGY  
group by CITY ORDER BY COUNT( DISTINCT  
RESTAURANT_NO) DESC LIMIT 1 ;
```

	CITY	highest_no_of_restaurants
▶	Bangalore	247

SQL Case Study SWIGGY



```
/* 3. HOW MANY RESTAURANTS HAVE THE  
WORD "PIZZA" IN THEIR NAME? */  
SELECT COUNT(DISTINCT RESTAURANT_NAME)  
AS no_of_restaurants FROM SWIGGY WHERE  
RESTAURANT_NAME LIKE "%PIZZA%";
```

	no_of_restaurants
▶	4

SQL Case Study

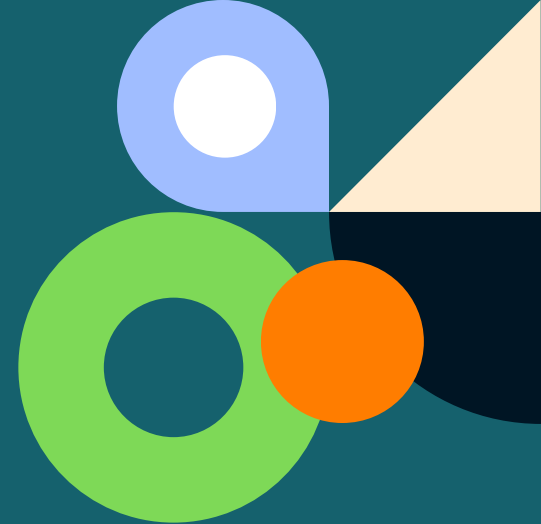
SWIGGY



```
/* 4. WHAT IS THE MOST COMMON CUISINE  
AMONG THE RESTAURANTS IN THE DATASET? */  
select cuisine, count(Cuisine) from  
swiggy group by cuisine order by  
count(Cuisine) desc limit 1;
```

	cuisine	count(Cuisine)
▶	North Indian,Chinese	3098

SQL Case Study SWIGGY



```
/* 5. WHAT IS THE AVERAGE RATING OF  
RESTAURANTS IN EACH CITY? */  
select city, avg(rating) from swiggy  
group by city;
```

	city	avg(rating)
▶	Bangalore	4.11510
	Ahmedabad	4.06864

SQL Case Study SWIGGY



```
/* 6. WHAT IS THE HIGHEST PRICE OF ITEM UNDER  
THE 'RECOMMENDED' MENU  
CATEGORY FOR EACH RESTAURANT? */  
select distinct restaurant_name,  
menu_category,max(price) as highestprice  
from swiggy where menu_category='Recommended'  
group by restaurant_name,menu_category;
```

restaurant_name	menu_category	highestprice
Tandoor Hut	Recommended	445
Anjappar	Recommended	95
Meghana Foods	Recommended	57
Mani's Dum Biryani	Recommended	99
A2B Veg	Recommended	80
Pabrai's Fresh and Naturelle Ice Creams	Recommended	94
Hotel Empire	Recommended	70
Anand Sweets and Savouries	Recommended	190
Aalishan Restaurant & Caterer	Recommended	90
Moti Mahal Delux	Recommended	79
Chai Point	Recommended	90
Cream Stone Ice Cream	Recommended	85
Corner House Ice Cream	Recommended	175
SMOOR	Recommended	895
Nandhana Palace	Recommended	915
Rolls On Wheels	Recommended	319
Venus Restaurant	Recommended	505

SQL Case Study SWIGGY



```
/* 7. FIND THE TOP 5 MOST EXPENSIVE RESTAURANTS  
THAT OFFER CUISINE OTHER THAN  
INDIAN CUISINE. */  
select distinct restaurant_name  
,cost_per_person from swiggy where  
cuisine<>"%indian%" order by cost_per_person  
desc limit 5;
```

	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

SQL Case Study SWIGGY



```
/* 8. FIND THE RESTAURANTS THAT HAVE AN  
AVERAGE COST WHICH IS HIGHER THAN THE TOTAL  
AVERAGE COST OF ALL RESTAURANTS TOGETHER. */  
select distinct restaurant_name,  
cost_per_person from swiggy where  
cost_per_person > (select avg(cost_per_person )  
from swiggy) ;
```

	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

SQL Case Study SWIGGY



```
/* 9 *RETRIEVE THE DETAILS OF RESTAURANTS  
THAT HAVE THE SAME NAME BUT ARE  
LOCATED IN DIFFERENT CITIES.*/  
select distinct s1.restaurant_name, s1.city  
from swiggy s1 join swiggy s2 on  
s1.restaurant_name=s2.restaurant_name and  
s1.city<>s2.city order by restaurant_name;
```

	restaurant_name	city
▶	Behrouz Biryani	Ahmedabad
	Behrouz Biryani	Bangalore
	Burger King	Ahmedabad
	Burger King	Bangalore
	Cafe Coffee Day	Ahmedabad
	Cafe Coffee Day	Bangalore
	Faasos - Wraps & Rolls	Ahmedabad
	Faasos - Wraps & Rolls	Bangalore

SQL Case Study SWIGGY



```
/* 10. WHICH RESTAURANT OFFERS THE MOST NUMBER  
OF ITEMS IN THE 'MAIN COURSE'  
CATEGORY? */  
select restaurant_name, menu_category, count(*)  
as NO_of_items from swiggy where menu_category  
like "Main Course" group by restaurant_name,  
menu_category order by count(*) desc limit 1;
```

	restaurant_name	menu_category	NO_of_items
▶	Spice Up	Main Course	172

SQL Case Study SWIGGY



```
/* 11. LIST THE NAMES OF RESTAURANTS THAT ARE  
100% VEGEATARIAN IN ALPHABETICAL ORDER OF  
RESTAURANT NAME. */  
select distinct restaurant_name from swiggy where  
restaurant_name not in (select distinct  
restaurant_name from swiggy where  
veg_or_nonveg="Non-veg") order by  
restaurant_name;
```

	restaurant_name
▶	1944 - The Hocco Kitchen
	1944 The Hocco Kitchen
	1947 Restaurant
	24th Main
	9834 The Fruit Truck
	A2B Veg
	Ab Chai Pe Charcha
	Adiga's

SQL Case Study SWIGGY



```
/* 12. WHICH IS THE RESTAURANT PROVIDING  
THE LOWEST AVERAGE PRICE FOR ALL ITEMS?*/  
select restaurant_name, avg(price) from  
swiggy group by restaurant_name order by  
avg(price) limit 1;
```

	restaurant_name	avg(price)
▶	Urban Kiti	63.71910112359551

SQL Case Study SWIGGY



```
/* 13 WHICH TOP 5 RESTAURANT OFFERS HIGHEST  
NUMBER OF CATEGORIES? */  
select restaurant_name , count(distinct  
menu_category) NO_OF_categories from swiggy  
group by restaurant_name order by  
count(distinct menu_category) desc limit 5 ;
```

	restaurant_name	NO_OF_categories
▶	Imperial Restaurant	39
	Asha Sweet Center	37
	Hotel Empire	30
	Udupi Palace	30
	Angat 22 - The Restaurant & Banquet	27

SQL Case Study SWIGGY



```
/* 14 WHICH RESTAURANT PROVIDES THE HIGHEST PERCENTAGE  
OF NON-VEGEATARIAN FOOD? */  
with cte as(select restaurant_name, sum(case when  
veg_or_nonveg like "veg" then 1 else 0 end) as  
no_of_veg_items , sum(case when veg_or_nonveg="non-veg"  
then 1 else 0 end) as no_of_non_veg_items,count(*) as  
total_NO_of_items from swiggy group by restaurant_name  
)select * , no_of_non_veg_items*100/total_no_of_items as  
non_veg_percentage from cte order by non_veg_percentage  
desc limit 1;
```

	restaurant_name	no_of_veg_items	no_of_non_veg_items	total_NO_of_items	non_veg_percentage
►	Donne Biryani House	0	14	14	100.0000