

Dataset Overview

- 1. restaurant_no: Unique identifier for the restaurant.
- **2. restaurant_name:** Name of the restaurant.
- **3. city:** City where the restaurant is located.
- **4. address:** Detailed address of the restaurant.
- **5. rating:** Customer rating of the restaurant.
- **6. cost_per_person:** Average cost per person.
- **7. cuisine:** Types of cuisine offered.
- 8. restaurant_link: URL link to the restaurant's page on Swiggy.
- **9. menu_category:** Category of the menu item (e.g., Accompaniments, Indian Breads, Main Course, Salads).
- 10.item: Name of the menu item.
- **11.price:** Price of the menu item (in INR).
- **12.veg_or_non-veg:** Indicates whether the item is vegetarian or non-vegetarian.

Dataset Overview

restaurant_name	city	address	rating	cost_per_person	cuisine	restaurant link	menu_category	item	price	veg_or_non_veg
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	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora		300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor		Roasted Papad	35	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora		300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Accompaniments	Fried Papad	40	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Indian Breads	Tandoori Roti (1 Pc)	45	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Indian Breads	Butter Roti	50	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Indian Breads	Plain Kulcha (1 Pc)	50	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Main Course	Boiled Egg	55	Non-veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Salads	Cucumber Salad	55	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Indian Breads	Plain Methi Roti	55	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Indian Breads	Plain Kasta Roti	55	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor	Indian Breads	Butter Kulcha	55	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Indian Breads	Pudina Paratha	55	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Indian Breads	Plain Garlic Roti (1 Pc)	55	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Indian Breads	Paratha (1 Pc)	55	Veg
	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora	4.3	300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor		Plain Curd	55	Veg
Tandoor Hut	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora		300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor	Sandy and A section of the section o	Plain Naan	60	Veg
	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora		300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor		Green Salad	65	Veg
	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora		300	Biryani, Chinese	https://www.swiggy.com/restaurants/tandoor			65	Veg
	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora		300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor		Butter Naan (1 Pc)	65	Veg
	Bangalore	Tandoor Hut, 477, KHB Colony, 5th Block, Kora		300	Biryani,Chinese	https://www.swiggy.com/restaurants/tandoor		Garlic Naan (1 Pc)	70	Veg

Problem Statement

- 1. **Objective**: Analyze restaurant data from Swiggy to gain insights into food preferences, pricing trends, and customer satisfaction.
- 2. Data Analysis Goals:
- Identify patterns in restaurant performance.
- Determine popular menu items and their impact on sales.
- Analyze factors influencing customer reviews and ratings.
- **3. Outcome**: Provide actionable insights to help restaurants make data-driven decisions to improve their offerings and enhance customer experience.

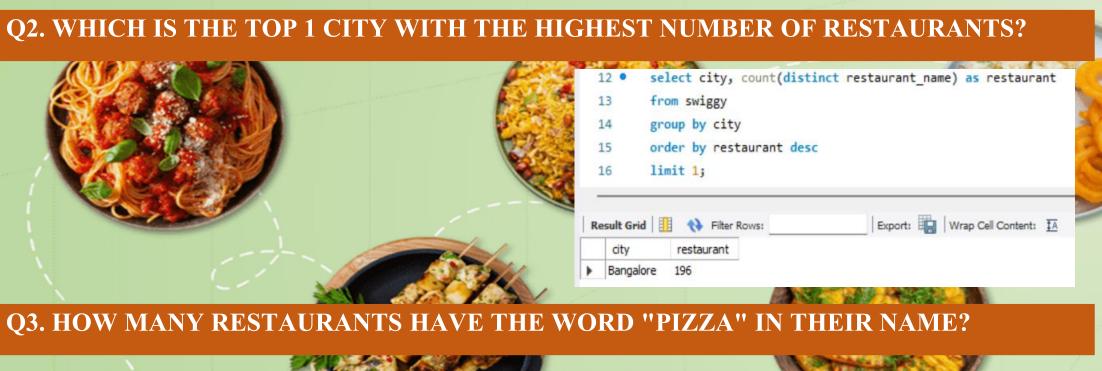
Analysis

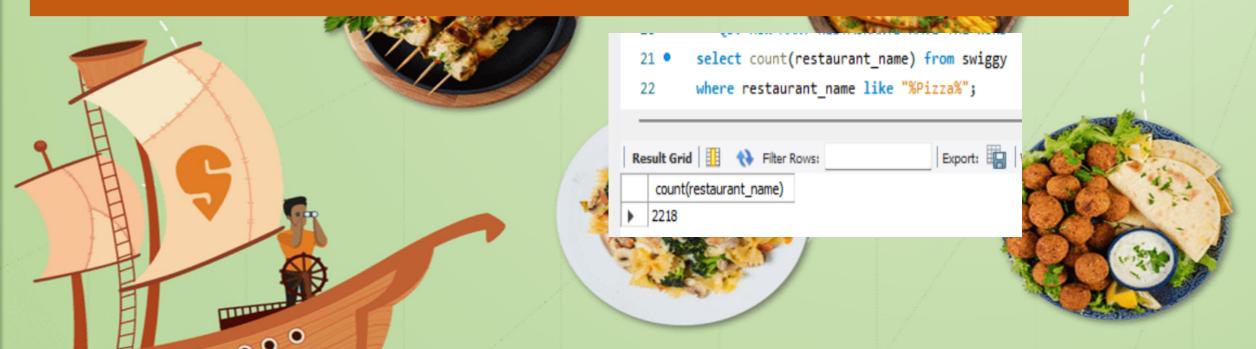
Q1. HOW MANY RESTAURANTS HAVE A RATING GREATER THAN 4.5?

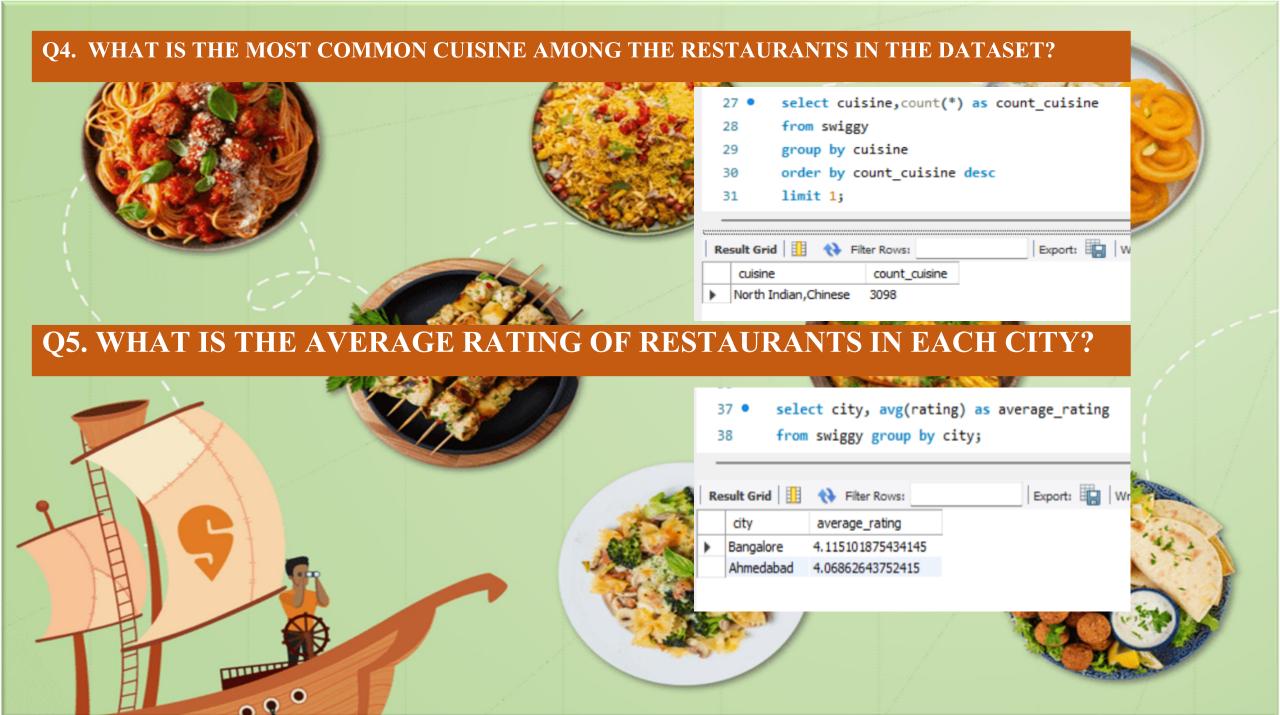
- 4 select restaurant_name, count(distinct restaurant_name) from swiggy
- 5 where rating > 4.5
- 6 group by restaurant_name;

Re	e sult Grid 🔢 🙌 Filter Ro	Export: Wrap Cell Content: TA	
	restaurant_name	count(distinct restaurant_name)	
•	Apsara Ice Creams	1	
	Baskin Robbins	1	
	Bombay Kulfis	1	
	Chaska Bun	1	
	Corner House Ice Cream	1	
	Fit O'Clock	1	
	Havmor Havfunn ice cream	1	
	Juice Junction	1	
	Krispy Kreme	1	
	Makers of Milkshakes	1	
	Masala Chai	1	
	Natural Ice Cream	1	
	Zen Cafe	1	





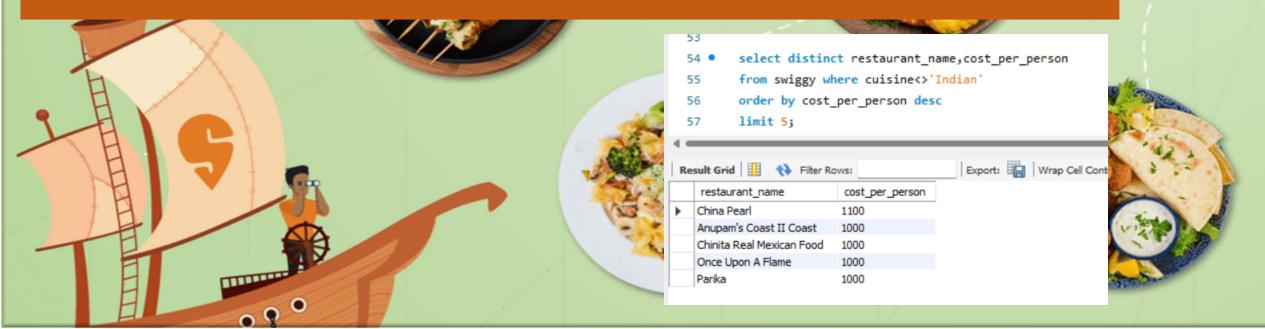




Q6. WHAT IS THE HIGHEST PRICE OF ITEM UNDER THE 'RECOMMENDED' MENU CATEGORY FOR EACH RESTAURANT?



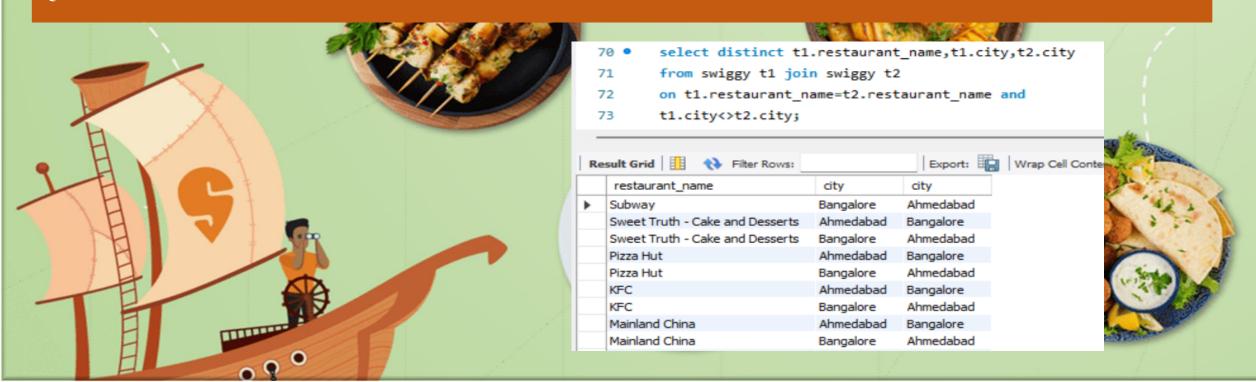
Q7.FIND THE TOP 5 MOST EXPENSIVE RESTAURANTS THAT OFFER CUISINE OTHER THAN INDIAN CUISINE.



Q8. FIND THE RESTAURANTS THAT HAVE AN AVERAGE COST WHICH IS HIGHER THAN THE TOTAL AVERAGE COST OF ALL RESTAURANTS TOGETHER.



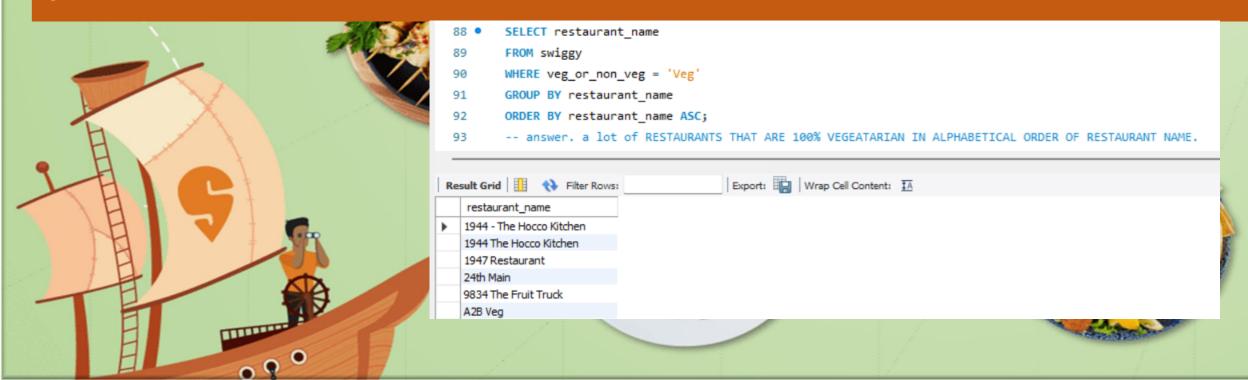
Q9. RETRIEVE THE DETAILS OF RESTAURANTS THAT HAVE THE SAME NAME BUT ARE LOCATED IN DIFFERENT CITIES.



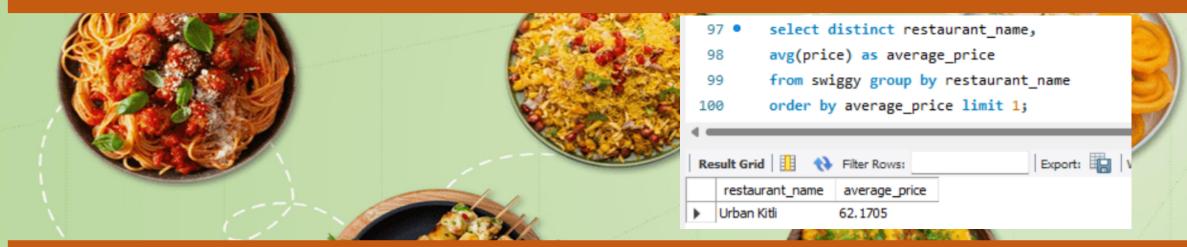
Q10.WHICH RESTAURANT OFFERS THE MOST NUMBER OF ITEMS IN THE 'MAIN COURSE' CATEGORY?



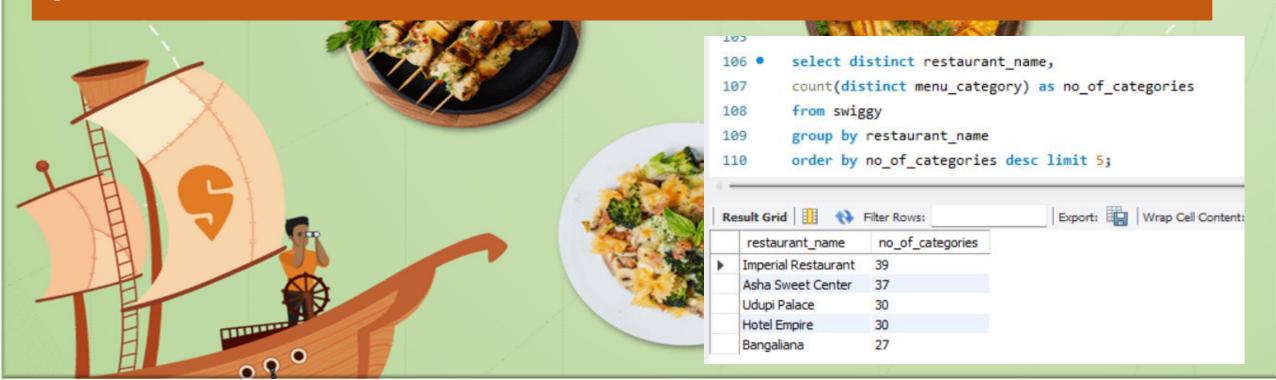
Q11. LIST THE NAMES OF RESTAURANTS THAT ARE 100% VEGEATARIAN IN ALPHABETICAL ORDER OF RESTAURANT NAME.



Q12.WHICH IS THE RESTAURANT PROVIDING THE LOWEST AVERAGE PRICE FOR ALL ITEMS?



Q13. WHICH TOP 5 RESTAURANT OFFERS HIGHEST NUMBER OF CATEGORIES?



Q14. WHICH RESTAURANT PROVIDES THE HIGHEST PERCENTAGE OF NON-VEGEATARIAN FOOD?



Thank you

