SQL Project – Food Delivery Data Analysis

Requirements

Q1. Retrieve a list of user information with their name and date of registration who uses android phones. First look at the structure of the user_info table in database and then write your query.

Q2. Edit your query above to find out users who have registered on or after 14th of july and sort the list of users in ascending order.

Q3. Imagine you are tasked with retrieving a list of all restaurants and their menu items. Some restaurants may not have any menu items yet. Write an SQL query that performs a LEFT JOIN between the **"Restaurant_info"** and **"MenuItems"** tables to achieve this. Your query should include the restaurant name and the name of the menu items, if available.

Q4. Extend the previous query to include the restaurant's contact number and the availability status of each menu item. If a restaurant does not have any menu items, display **"No Menu Items"** in the menu item column.

Q5. Retrieve the total number of orders placed by each user. Display the user's name and the total number of orders they have placed. Sort the results in descending order based on the number of orders.

Q6. Find the average price of menu items for each restaurant. Display the restaurant name and the average menu item price. Sort the results in ascending order based on the restaurant name.

Q7. Identify the restaurant with the highest total sales (sum of order amounts). Display the restaurant name and the total sales amount.

Q8. Find the number of orders placed in each city. Display the city name and the number of orders. Sort the results in descending order based on the number of orders.

Q9. Write an SQL query to find the names of restaurants that have at least one menu item with a price greater than $10.

Q10. Write an SQL query to retrieve the user names and their corresponding orders where the order total is greater than the average order total for all users.

Q11. Write an SQL query to list the names of users whose last names start with 'S' or ends with ‘e’.

Q12. Write an SQL query to find the total order amounts for each restaurant. If a restaurant has no orders, display the restaurant name and a total amount of 0. Use the COALESCE function to handle null values.

Q13. Write a query to find out how many orders were placed using cash or credit.