SQL Project - Zomato Sales Analysis
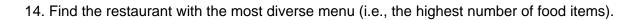
Project Overview:

This project involves analyzing a Zomato sales database containing data on customers, orders, restaurants, employees, and food items. The goal is to perform various SQL queries to extract and analyze data, providing insights and helping students develop their SQL skills through practical application.

Note: PFA database file, 'zomatodf.sql', run it in your workbench to create the database.

Task Breakdown:

1. List the top 3 customers who have placed the highest number of orders.

2. Find the restaurant that has received the highest average rating.

3. List all orders from order_detail that were delivered in under 30 minutes.

4. Calculate the total revenue generated by each food item. Display food_id, food_name and total revenue ordered by total revenue in descending order.

5. Find the second highest revenue-generating restaurant.

6. Find the 5 most popular food items based on the quantity sold.

7. List the top 3 Zomato employees with the highest average delivery ratings.

8. Determine the month with the highest number of total orders placed.

9. Calculate the average order amount for each customer. Order by average order amount in descending order.

10. Identify the most frequent customer for each restaurant.

11. Calculate the total number of orders placed on weekends.

12. Calculate the average delivery time (in minutes) for orders placed on weekdays versus weekends.

13. List the top 5 most expensive food items. Display food_id, food_name, and price_per_unit for all food items with the highest 5 prices.

14. Find the restaurant with the most diverse menu (i.e., the highest number of food items).

15. Calculate total payment amount for each payment type.