Title:

Optimizing Food Delivery Analysis Using MySQL

Problem Statement:

The Swiggy dataset captures vital information about restaurant performance and delivery time across different areas and cities. The goal is to analyze restaurant data, such as price, average ratings, food types, and delivery times, to make data-driven decisions. Using MySQL queries, you will solve complex tasks that help assess restaurant performance, customer satisfaction, and delivery efficiency.

Objective:

The objective is to enhance business performance by analyzing delivery times, food types, customer ratings, and restaurant prices. The tasks will focus on using MySQL queries involving constraints, filters, aggregations, and advanced SQL features.

Dataset Overview:

1) ID: Unique identifier for each record
2) Area: Location of the restaurant
3) City: City where the restaurant is located
4) Restaurant: Name of the restaurant
5) Price: Average price of food per order
6) Avg_ratings: Average ratings given by customers
7) Total_ratings: Total number of ratings a restaurant has received
8) Food_type: Types of cuisines available
9) Address: Specific street address of the restaurant
10) Delivery_time: Time taken to deliver the order (in minutes)

Task:

1. Retrieve the number of restaurants from each city where the delivery time is more than 60 minutes.
2. Find all the unique food types offered by restaurants.
3. Retrieve all restaurants from "Koramangala" where the price is between 200 and 400, and the average ratings are above 4.
4. Fetch all restaurant names that serve 'Chinese' cuisine
5. Find the total number of restaurants in each city
6. Retrieve restaurants in Bangalore with more than 100 total ratings
7. Retrieve the top 5 restaurants based on the highest average ratings
8. Show all restaurants located in either "Koramangala" or "Indiranagar"
9. Find the average delivery time for restaurants serving 'Biryani' cuisine
10. Delete all restaurants where the price is below 200
11. Update the delivery time to 45 minutes for all restaurants with more than 500 total ratings
12. create a table to store swiggy customer feedback and insert records