SQL Case Study: Swiggy

By Prem Kumar

Restaurant Performance Analysis

1

High-Rated Restaurants

Q.1 How many restaurants have a rating greater than 4.5?

2

Top City for Restaurants

Q.2 Which is the top 1 city with the highest number of restaurants?

3

"Pizza" Restaurants

Q.3 How many restaurants have the word "Pizza" in their name?

Cuisine and Rating Insights

Most Common Cuisine

Q.4 What is the most common cuisine among the restaurants in the dataset?

Average Rating by City

Q.5 What is the average rating of restaurants in each city?

Menu and Pricing Deep Dive

1

Recommended Item Price

Q.6 What is the highest price of an item under the 'Recommended' menu category for each restaurant?

2

Top 5 Non-Indian Expensive Restaurants

Q.7 Find the top 5 most expensive restaurants that offer cuisine other than Indian cuisine.

Cost Analysis and Anomaly Detection

Understanding pricing structures helps identify market positioning and potential outliers.

Q.8 Find the restaurants that have an average cost which is higher than the total average cost of all restaurants together.

Restaurant Identification and Uniqueness

Q9. Retrieve the details of restaurants that have the same name but are located in different cities.

Menu Breadth and Specialisation

Main Course Offerings

Q.10 Which restaurant offers the most number of items in the 'Main Course' category?

Category Diversity

Q.11 Which top 5 restaurants offer the highest number of categories?

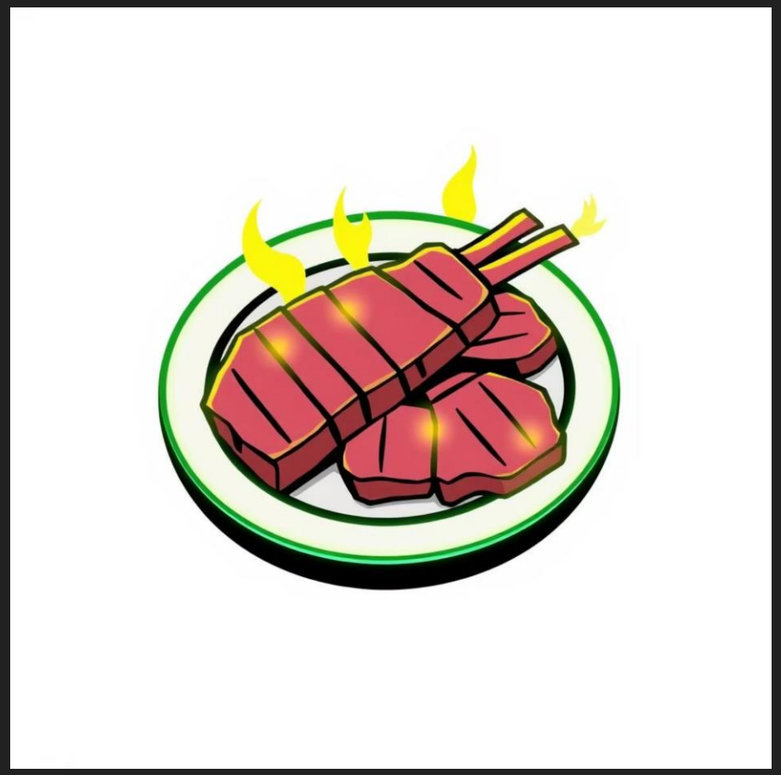
Vegetarian and Non-Vegetarian Offerings

100% Vegetarian Restaurants

Q. 12 List the names of restaurants that are 100% vegetarian in alphabetical order of restaurant name.

Highest Non-Vegetarian Percentage

Q.13 Which restaurant provides the highest percentage of non-vegetarian food?



Pricing Efficiency

Lowest Average Price

Q.14 Which is the restaurant providing the lowest average price for all items?

Key Takeaways & Next Steps

Conclusion

Through this comprehensive SQL case study, we have successfully addressed various critical questions related to Swiggy's restaurant ecosystem, covering aspects from performance and cuisine trends to menu pricing, cost analysis, and dietary offerings. These insights are instrumental for strategic decision-making and optimizing the platform's operations.

Actionable Insights

These SQL queries provide a robust framework for understanding restaurant performance, market positioning, and customer preferences on the Swiggy platform.

Future Analysis

- Incorporate time-series data for trend analysis.
- Analyse customer reviews for sentiment insights.
- Explore geographic demand patterns.


```
SELECT
        'Thank You for your time and attention!' AS gratitude,
        'For being a part of this SQL journey' AS note,
        'Presented by Prem Kumar' AS speaker,
        'Keep writing queries, not excuses' AS inspiration
FROM Sql_Case_Study
```