

Question 1:

Write a query to find the top 5 most frequently ordered dishes by the customer "Arjun Mehta" in the last 1 year.

Question 2:

Identify the time slots during which the most orders are placed, based on 2-hour intervals.

Question 3:

order value analysis: find the average order value per customer who has placed more than 750 orders ,return customer name and aov average order value.

Question 4:

list the customer who have spent more than 100k in total food orders, return customer name, customer id

Question 5. orders without delivery ,write a query to find orders that were placed but not delivered ,return each restaurant name, city and number of not delivered orders

Question 6. restaurant revenue ranking ,rank restaurants by their total revenue from last year ,including their name,total_revenue,rank within their city.

Question 7.

most popular dish by city ,identify the most popular dish in each city based on the numbers of orders.

Question 8. find the customer who have't placed order in 2024 but in 2023.

Question 9.

cancellation rate comparison ,calculate and compare the order cancellation rate for each restaurant, between the current year and the previous year.

Question 10. monthly restaurant revenue, calculate each restaurant growth ratio based on total number of ,delivered orders since it joining.

Question 11. customer segmentation ,segment customer 'gold','silver' groups based on their spending , compared to the average value (aov) if a customers total spending exceeds the aov 'gold' ,otherwise 'silver' , write a sql query to determine each segment total number of orders and total revenue.

Question 12. rider monthly earning , calculate each riders total monthly earning, assuring they earn 8% of the order amount.

Question 13. rider rating analysis ,find the number of 5 star,4 star, 3 star rating each rider has ,rider receive rating based on delivery time , if order delivered less than 15 min rider get 5 star ,if order delivered between 15 to 20 min they get 4 star ,delivery after 20 min get 3 star.

Question 14. order frequency per day , analyze order frequency per day of the week and identify the peak day for each restaurant.

Question 15. customer lifetime value , calculate the total revenue generated by each customer overall their orders.

Question 16. Monthly sales trends ,identify sales trends by comparing each month total sales ,to the previous month.

Question 17. order item popularity, track the popularity of specific order over time and identify seasonal demand spikes.