Question 1:

How many customers has Foodie-Fi ever had?

Query:

SELECT COUNT(DISTINCT customer\_id)

AS unique\_customer

FROM dbo.subscriptions;

Question 2:

What is the monthly distribution of trial plan start\_date values for our dataset?

Query:

SELECT DATE\_PART('month',start\_date) AS month\_date,

TO\_CHAR(start\_date, 'Month') AS month\_name, COUNT(\*) AS trial\_subscriptions

FROM dbo.subscriptions s

JOIN dbo.plans p

ON s.plan\_id = p.plan\_id

WHERE s.plan\_id = 0

GROUP BY DATE\_PART('month',start\_date), TO\_CHAR(start\_date, 'Month')

ORDER BY month\_date ASC;

Question 3:

What plan start\_date values occur after the year 2020 for our dataset? Show the breakdown by count of events for each plan\_name.

Query:

SELECT p.plan\_id, p.plan\_name,

COUNT(\*) AS events

FROM dbo.subscriptions s

JOIN dbo.plans p

ON s.plan\_id = p.plan\_id

WHERE s.start\_date >= '2021-01-01'

GROUP BY p.plan\_id, p.plan\_name

ORDER BY p.plan\_id;

Question 4: