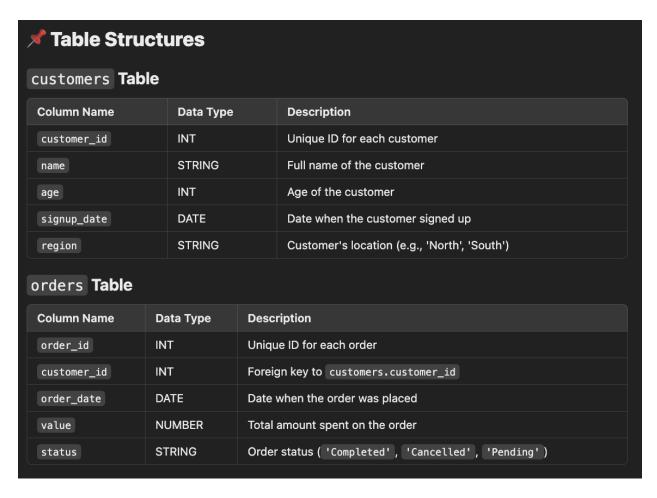
You are working with two tables: **customers** and **orders**. Your task is to analyze **customer spending behavior and order trends**.



Question 1. Find customers over 50 years old who have spent more than \$5000 in valid orders (missing clarification to say if the status of the orders should be 'Completed' or not).

```
WITH customers_total_amount AS (
SELECT
c.customer id
                  AS customer_id,
            AS age,
c.age
SUM(o.value) AS total_amount
FROM
customers c
JOIN
orders o ON c.customer_id = o.customer_id
WHERE
status = 'Completed'
GROUP BY
c.customer_id,
c.age
SELECT
FROM
<u>customer</u>s_total_amount
WHERE
age > 50
AND total_amount > 5000
```

Question 2. What's the ratio between the number of customers having 50y+ and the customers not having 50y+?

```
WITH customer_counter AS (
SELECT
COUNT(CASE WHEN c.age > 50 THEN TRUE END) AS older_above_50,
COUNT(CASE WHEN c.age <= 50 THEN TRUE END) AS older_not_above_50
FROM
customers c
JOIN
orders o ON c.customer_id = o.customer_id
)

SELECT
older_not_above_50::FLOAT / older_above_50::FLOAT
FROM
customer_counter
;
```