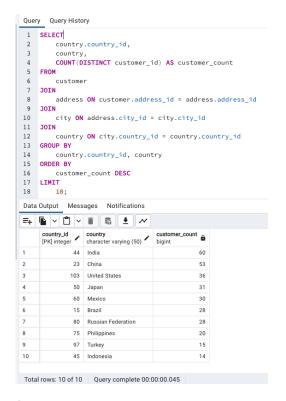
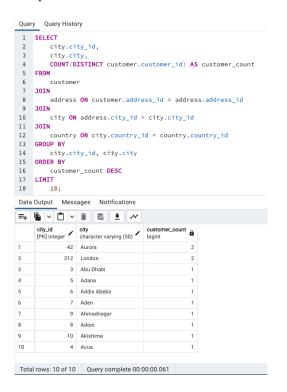
Omid Soltani Data Analytics Immersion – Task 3.7

Step 1



Step 2



My first step was to identify the necessary tables. I focused on connecting the 'customer' table with the 'address', 'city', and 'country' tables using the corresponding foreign keys.

I used the JOIN statements to link these tables based on their primary and foreign key relationships.

The COUNT function helped me calculate the distinct number of customers in each country.

Additionally, the GROUP BY clause was essential to aggregate the data by country, and the ORDER BY clause arranged the results in descending order by customer count.

Finally, the LIMIT clause allowed me to extract only the top 10 countries.

I began by selecting the relevant tables ('customer', 'address', 'city', and 'country') and establishing their relationships and then JOIN the tables based on their common keys.

Next, I implemented the GROUP BY clause to group the results by city, ensuring that each city appears only once in the output.

The COUNT(DISTINCT customer.customer_id) allowed me to calculate the number of distinct customers in each city, which I sorted in descending order to identify the top cities.

Finally, I applied LIMIT 10 so that only the top 10 cities would be included in the output.

Omid Soltani Data Analytics Immersion – Task 3.7

Step 3

