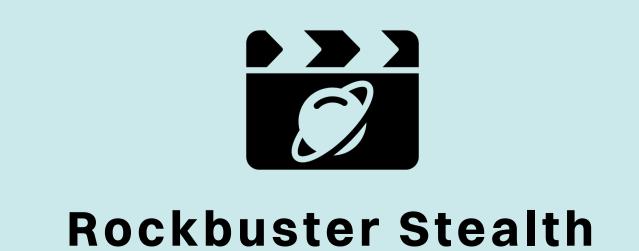
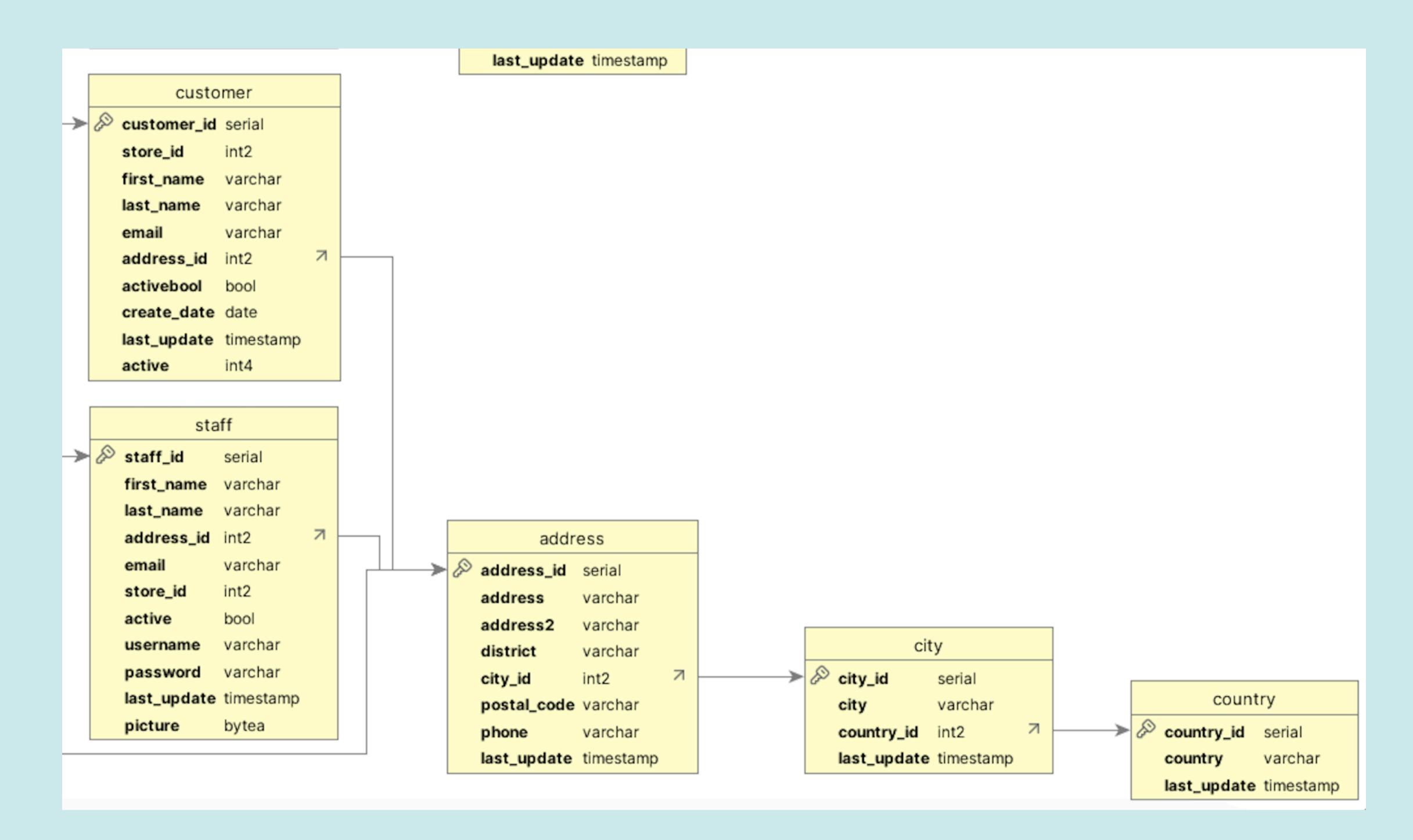
Data Immersion	Achievement III		
	SQL for Data Analysts		(-060)
	Task 3.7 By Ola Gaffarova	Table of content Cover	Made for Rockbuster Stealth

JOINING TABLES OF DATA

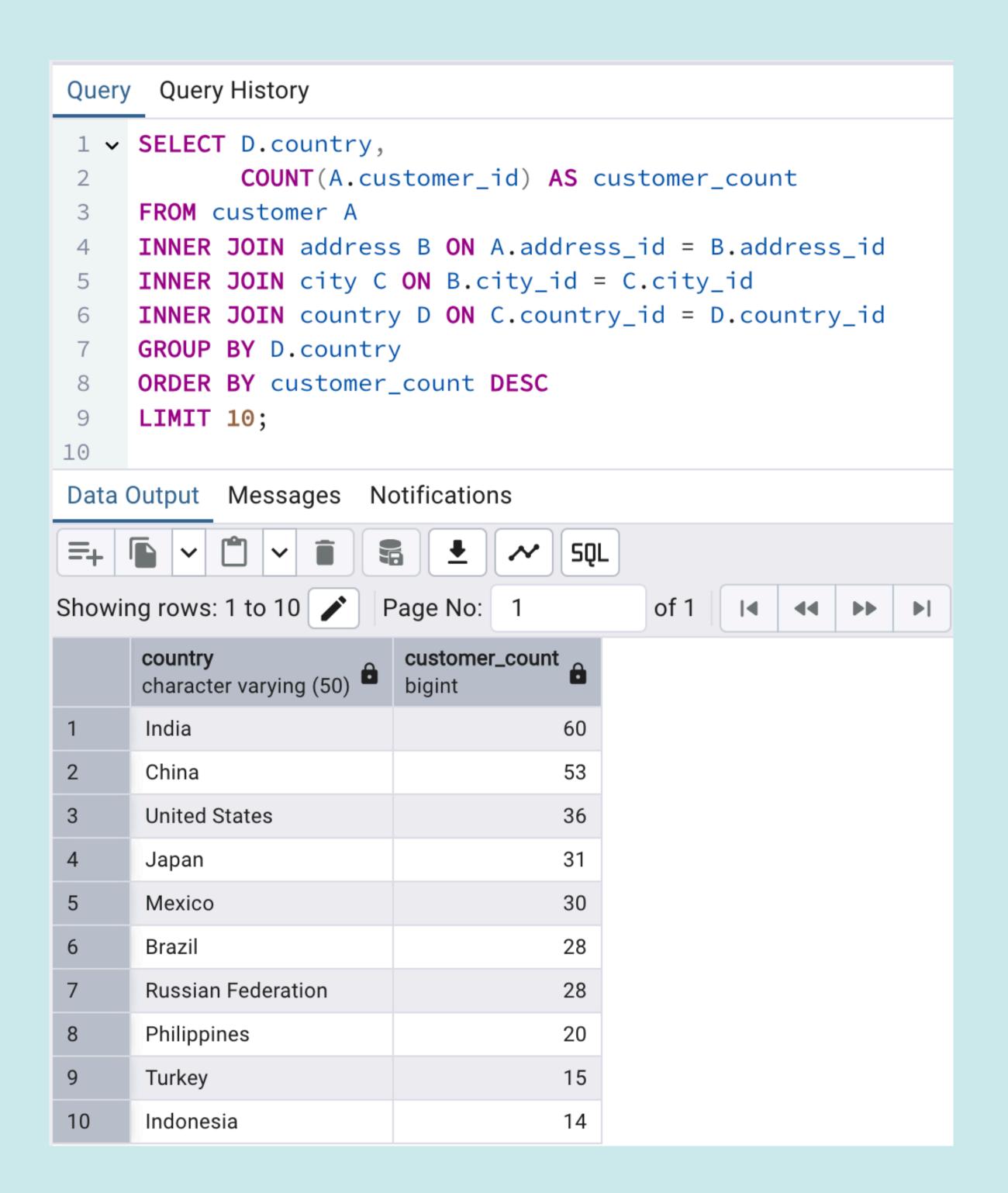


Data Immersion	Achievement III SQL for Data Analysts			
			(000)	
	Task 3.7 By Ola Gaffarova	Table of content Page 2 of 4	Made for Rockbuster Stealth	

Write a query to find the top 10 countries for Rockbuster in terms of customer numbers. (Tip: you'll have to use GROUP BY and ORDER BY, both of which follow the join.)

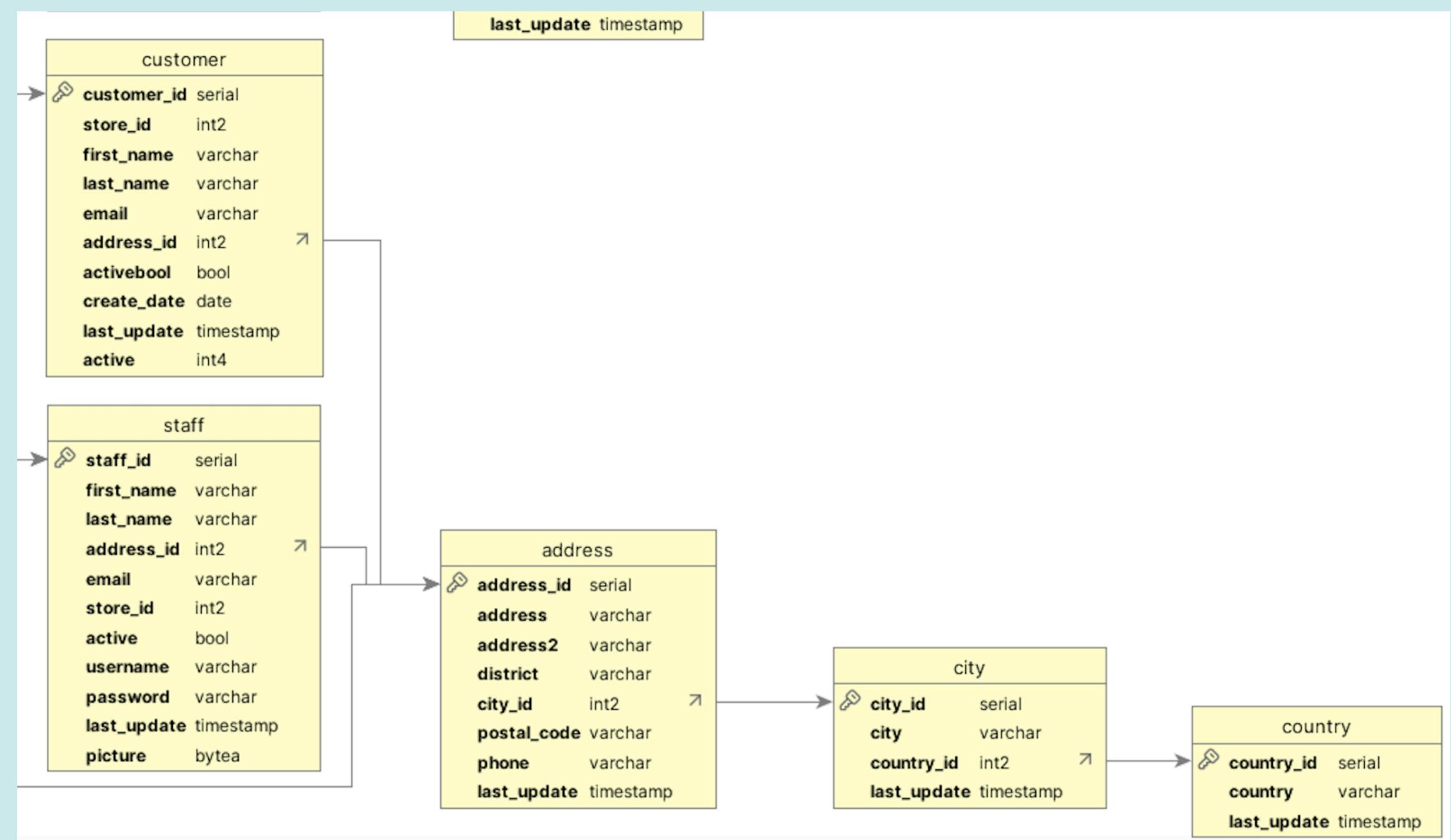


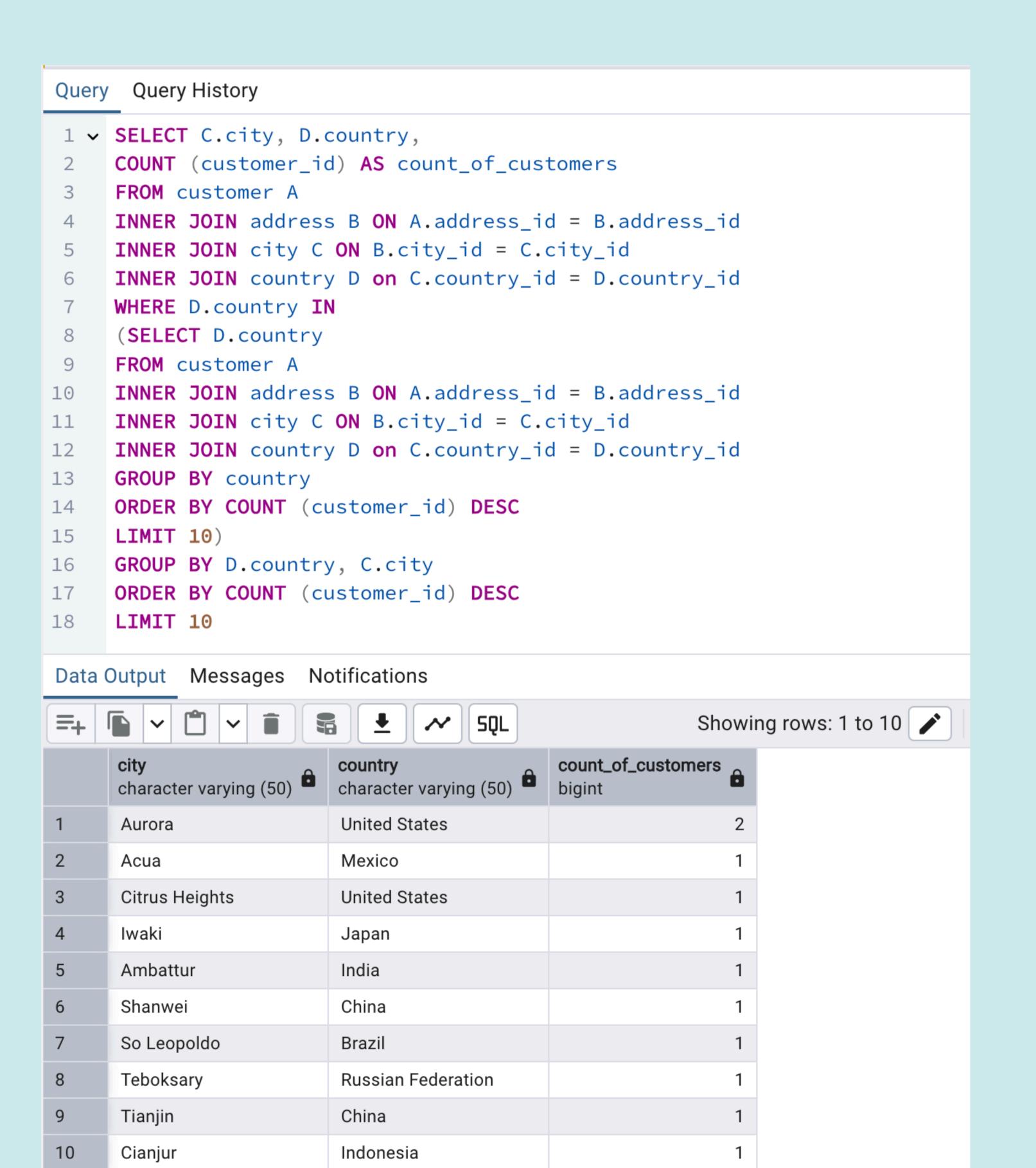
To find the top 10 countries by customer numbers, I used SQL joins to connect the customer, address, city, and country tables. Then, I used COUNT() to aggregate the number of customers per country and GROUP BY to group them accordingly. I sorted the result in descending order with ORDER BY and limited it to the top 10 using LIMIT 10. This approach allows me to quickly identify the countries with the most customers.



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2. Next, write a query to identify the top 10 cities that fall within the top 10 countries you identified in step 1. (Hint: the top 10 cities can be in any of the countries identified—you don't need to create a separate list for each country.)



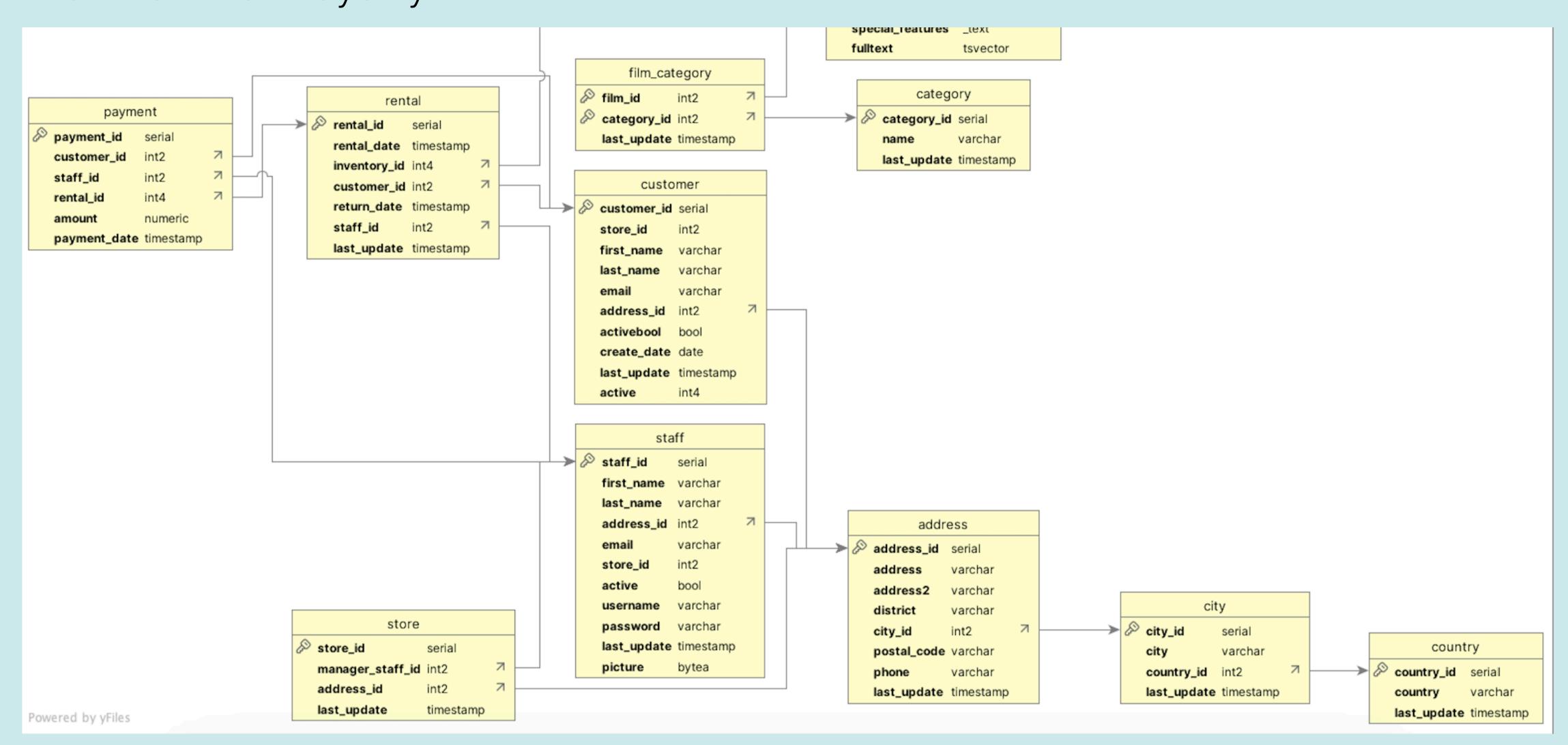


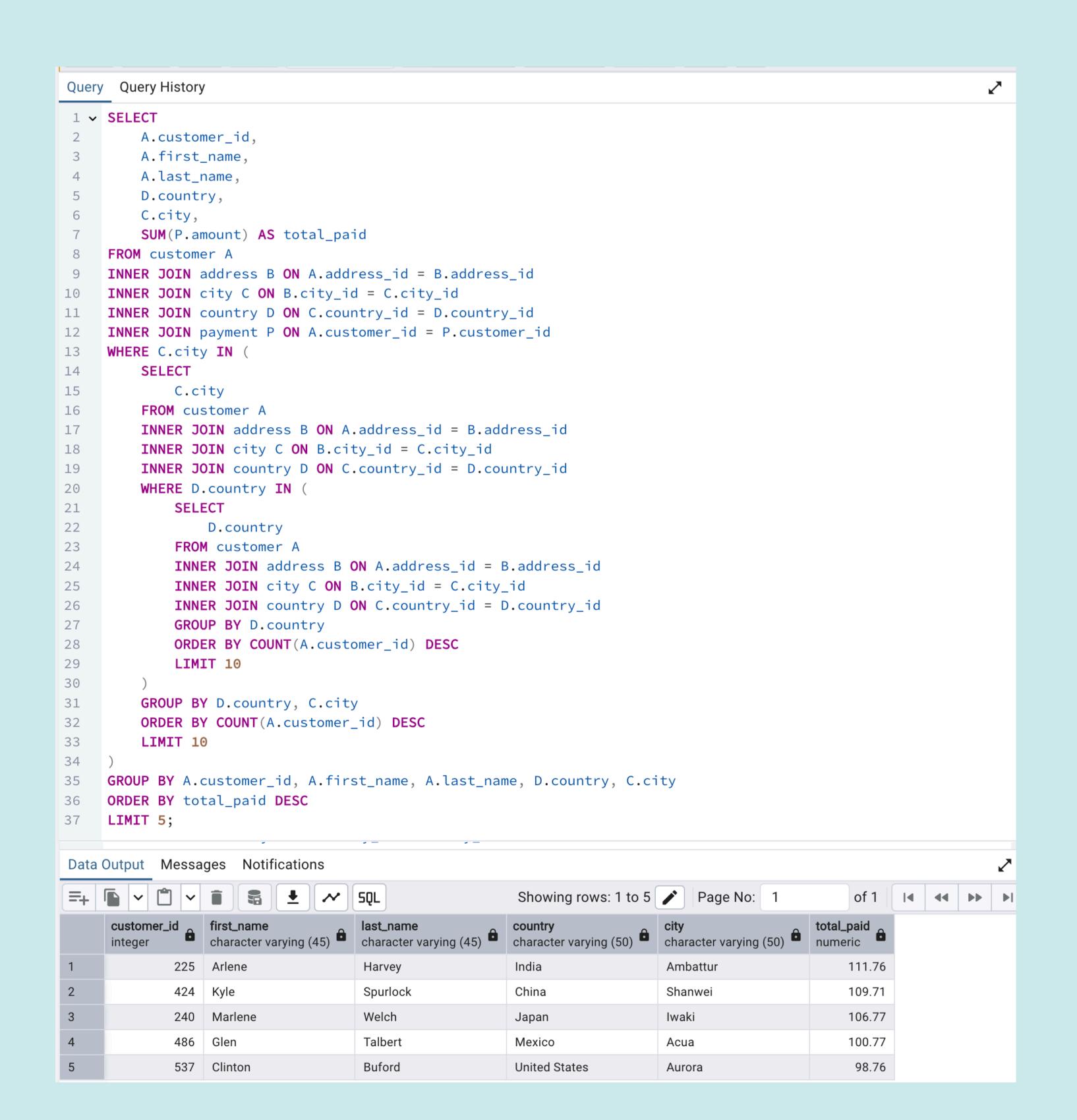
Join customer → address → city → country
Filter for only customers in the 10 specified
countries
Group by country and city

Count how many customers are in each city
Show the top 10 cities with the most
customers from those countries

Data Immersion SQL for Data Analysts Task 3.7 By Ola Gaffarova Achievement III Table of content Page 4 of 4 Rockbuster Stealth

3. Now write a query to find the top 5 customers from the top 10 cities who've paid the highest total amounts to Rockbuster. The customer team would like to reward them for their loyalty!





The innermost subquery gets the top 10 countries, the middle subquery gets the top 10 cities from those countries, and the main query finds the top 5 customers by summing payments and ordering by total amount paid.