SQL Practice - Day-10 - 20250129

Given the following tables:

CUSTOMERS Table

CUSTOMER_ID | CUSTOMER_NAME | CITY
1 | Alice | NEW YORK
2 | Bob | CHICAGO
3 | Charlie | HOUSTON

ORDERS table:

ORDER_ID | CUSTOMER_ID | TOTAL_AMOUT |ORDER_DATE
101 | 1 | 500 | 2023-03- 10
102 | 2 | 200 | 2023-07- 15

Let me know if you need any modifications!

Task:

Write a query to find the top 2 customers who have spent the most money in total on orders in 2023.

The output should include:

customer_name

city

total_spent

Sort the results in descending order of total_spent. If two customers have the same total_spent, sort them by customer_name in ascending order.

** QUERY:

```
WITH CTE AS(
SELECT CUSTOMER_ID, SUM(TOTAL_AMOUNT) AS TOTAL_SPENT
FROM ORDERS
WHERE YEAR(ORDER_DATE) = 2023
GROUP BY CUSTOMER_ID
)
SELECT C.CUSTOMER_NAME, C.CITY, R.TOTAL_SPENT
FROM CUSTOMERS AS C
LEFT JOIN(
```

```
SELECT *,
   RANK() OVER (ORDER BY TOTAL_SPENT DESC) AS RK
FROM CTE
) AS R
ON C.CUSTOMER_ID = R.CUSTOMER_ID
WHERE R.RK < 3
ORDER BY R.TOTAL_SPENT DESC, C.CUSTOMER_NAME
;
```