## Query 3: Ranking and dense ranking within the entire result

Use both RANK and DENSE\_RANK functions to rank customers in descending order by the count of inventory transactions for shipments (transaction type 5). You should use the entire result as a single partition. The result should include the customer name, count of transactions, rank, and dense rank.

**Answer:**

SELECT NAME,

COUNT (\*) AS TOTAL\_TRANSACTIONS,

RANK () OVER (ORDER BY COUNT( \*) DESC) AS CUST\_STATE\_RANK,

DENSE\_RANK () OVER (ORDER BY COUNT(\*) DESC) AS CUST\_STATE\_DENSE\_RANK

FROM INVENTORY\_FACT F

JOIN CUST\_VENDOR\_DIM C

ON F.CUSTVENDORKEY = C.CUSTVENDORKEY

WHERE TRANSTYPEKEY = 5

GROUP BY NAME;

