-- Use the RANK function to rank customers in descending order by the sum of extended cost for shipments (transaction type 5).

-- You should partition the rank values by customer state.

-- The result should include the customer state, customer name, sum of the extended cost, and rank.

-- You should order the result by customer state.

SELECT CUST\_VENDOR\_DIM.STATE, CUST\_VENDOR\_DIM.NAME, SUM(ExtCost) AS SumExtCost,

RANK() OVER (PARTITION BY CUST\_VENDOR\_DIM.STATE ORDER BY SUM(ExtCost) DESC) AS SumSalesRank

FROM INVENTORY\_FACT, CUST\_VENDOR\_DIM

WHERE INVENTORY\_FACT.CUSTVENDORKEY = CUST\_VENDOR\_DIM.CUSTVENDORKEY

AND TRANSTYPEKEY = 5

GROUP BY CUST\_VENDOR\_DIM.STATE, CUST\_VENDOR\_DIM.NAME

ORDER BY CUST\_VENDOR\_DIM.STATE;

