## Query 2: Ranking within a partition

**Solution:**

SELECT c.State, c.Name, SUM(Extcost) SumExtCost, RANK() OVER ( PARTITION BY State ORDER BY SUM(Extcost) DESC ) AS RankSumCost

FROM Inventory\_fact i, Cust\_vendor\_dim c

WHERE i.custvendorkey = c.custvendorkey

AND i.transtypekey = 5

GROUP BY c.state, c.Name

ORDER BY c.State;

