**Problem 2**

**Query:**

SELECT V.STATE

, V.NAME

, SUM(extcost) TotalExtCost

, RANK() OVER (

PARTITION BY V.STATE ORDER BY SUM(extcost) DESC

) AS RankTotalExtCost

FROM inventory\_fact F

INNER JOIN cust\_vendor\_dim V

ON F.custvendorkey = V.custvendorkey

WHERE F.transtypekey = 5

GROUP BY V.STATE

, V.NAME

ORDER BY V.STATE;

**Output:**

