

## Using Oracle 11g

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```
SELECT State, Name, Sum(ExtCost) AS SumExtCost,  
RANK() OVER (PARTITION BY State  
ORDER BY Sum(ExtCost) DESC) AS CustRank  
FROM inventory_fact, cust_vendor_dim  
WHERE inventory_fact.CustVendorKey = cust_vendor_dim.CustVendorKey  
AND TransTypeKey = 5  
GROUP BY State, Name  
ORDER BY State;
```

|    | STATE | NAME        | SUMEXTCOST | CUSTRANK |
|----|-------|-------------|------------|----------|
| 1  | CA    | Customer 20 | 40287693   | 1        |
| 2  | CA    | Customer 14 | 38687623   | 2        |
| 3  | CA    | Customer 5  | 38657564   | 3        |
| 4  | CO    | Customer 18 | 44471146   | 1        |
| 5  | CO    | Customer 3  | 40680456   | 2        |
| 6  | DC    | Customer 12 | 42977058   | 1        |
| 7  | FL    | Customer 13 | 40359132   | 1        |
| 8  | GA    | Customer 15 | 40643264   | 1        |
| 9  | IL    | Customer 1  | 42393994   | 1        |
| 10 | IL    | Customer 16 | 38518020   | 2        |
| 11 | MA    | Customer 11 | 41391699   | 1        |
| 12 | NY    | Customer 17 | 41631311   | 1        |