**Module 2 Query 6**

SELECT CalMonth,AddrCatCode1,SUM(ExtCost) AS CostSum,SUM(Quantity) AS QuanSum FROM Inventory\_fact,date\_dim,cust\_vendor\_dim

WHERE Inventory\_fact.DateKey = date\_dim.DateKey AND Inventory\_fact.CustVendorKey = cust\_vendor\_dim.CustVendorKey AND Inventory\_fact.TransTypeKey = 5

AND date\_dim.CalYear = 2011

GROUP BY CalMonth,AddrCatCode1

UNION

SELECT CalMonth,NULL,SUM(ExtCost) AS CostSum,SUM(Quantity) AS QuanSum

FROM Inventory\_fact,date\_dim,cust\_vendor\_dim

WHERE Inventory\_fact.DateKey = date\_dim.DateKey AND Inventory\_fact.CustVendorKey = cust\_vendor\_dim.CustVendorKey AND Inventory\_fact.TransTypeKey = 5

AND date\_dim.CalYear = 2011

GROUP BY CalMonth

UNION

SELECT NULL,AddrCatCode1,SUM(ExtCost) AS CostSum,SUM(Quantity) AS QuanSum

FROM Inventory\_fact,date\_dim,cust\_vendor\_dim

WHERE Inventory\_fact.DateKey = date\_dim.DateKey AND Inventory\_fact.CustVendorKey = cust\_vendor\_dim.CustVendorKey AND Inventory\_fact.TransTypeKey = 5

AND date\_dim.CalYear = 2011

GROUP BY AddrCatCode1

UNION

SELECT NULL,NULL,SUM(ExtCost) AS CostSum,SUM(Quantity) AS QuanSum

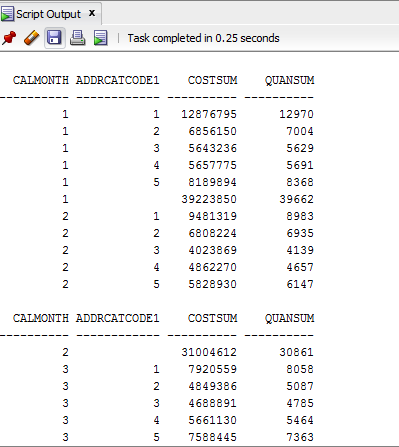
FROM Inventory\_fact,date\_dim,cust\_vendor\_dim

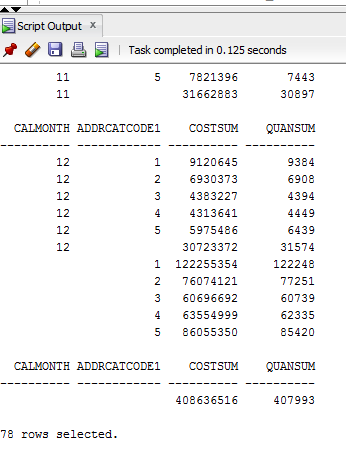
WHERE Inventory\_fact.DateKey = date\_dim.DateKey AND Inventory\_fact.CustVendorKey = cust\_vendor\_dim.CustVendorKey AND Inventory\_fact.TransTypeKey = 5

AND date\_dim.CalYear = 2011

ORDER BY 1, 2;

**Result:**

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