**Solution:**

SELECT D.calyear,

D.calquarter,

C.name,

COUNT(\*) as TotalTransactions,

SUM(I.extcost) as TotalExtCost

FROM date\_dim D

INNER JOIN inventory\_fact I on D.datekey = I.datekey

INNER JOIN cust\_vendor\_dim C on C.custvendorkey = I.custvendorkey

WHERE (D.calyear = 2011 or D.calyear = 2012) and I.transtypekey = 5

GROUP BY GROUPING SETS(C.name, ROLLUP(D.calyear,D.calquarter))

ORDER BY C.name, D.calyear, D.calquarter;

