**Qyery7**

--Using postgresql

SELECT X1.calyear, seconditemid, SUMitemextcost, SUMitemextcost/Sumextcost AS ratio

FROM

(SELECT calyear, seconditemid, SUM(extcost) AS SUMitemextcost

FROM inventory\_fact, item\_master\_dim, date\_dim

WHERE item\_master\_dim.itemmasterkey = inventory\_fact.itemmasterkey

AND date\_dim.datekey = inventory\_fact.datekey

AND transtypekey = 1

GROUP BY calyear, seconditemid) X1,

(SELECT calyear, SUM(extcost) AS SUMextcost

FROM inventory\_fact, date\_dim

WHERE transtypekey = 1

AND date\_dim.datekey = inventory\_fact.datekey

GROUP BY calyear

) X2

WHERE X1.calyear = X2.calyear

ORDER BY X1.calyear, SUMitemextcost DESC;

