**Problem 7**

**Query:**

SELECT D.calyear

, I.seconditemid

, SUM(extcost) AS TotalExtCost

, RATIO\_TO\_REPORT(SUM(extcost)) OVER (PARTITION BY D.calyear) AS RatioTotalExtCost

FROM inventory\_fact F

, item\_master\_dim I

, date\_dim D

WHERE F.itemmasterkey = I.itemmasterkey

AND F.datekey = D.datekey

AND F.transtypekey = 1

GROUP BY D.calyear

, I.seconditemid

ORDER BY D.calyear ASC

, SUM(extcost) DESC;

**Output:**

