## Query 7: Ratio to report applied to a partition

Calculate the ratio to report of the sum of extended cost for adjustments (transaction type 1) with partitioning on calendar year. You should sort on ascending order by calendar year and descending order by sum of extended cost. The result should contain the calendar year, second item id, sum of extended cost, and ratio to report.

SELECT d.Calyear, m.Seconditemid, SUM (Extcost) AS SumExtCost,

RATIO\_TO\_REPORT (SUM (ExtCost)) OVER (PARTITION BY d.Calyear) AS SumExtCostRatio

FROM Inventory\_fact i, Item\_master\_dim m, date\_dim d

WHERE i.itemmasterkey = m.itemmasterkey

AND i.datekey = d.datekey

AND i.transtypekey = 1

GROUP BY d.Calyear, m.Seconditemid

ORDER BY d.Calyear ASC, SUM (ExtCost) DESC;

