-- 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 DATE\_DIM.CALYEAR, ITEM\_MASTER\_DIM.SECONDITEMID, SUM(ExtCost) AS SumExtCost,

RATIO\_TO\_REPORT(SUM(ExtCost)) OVER(PARTITION BY DATE\_DIM.CALYEAR) AS RatioToReportSumExtCost

FROM INVENTORY\_FACT, ITEM\_MASTER\_DIM, DATE\_DIM

WHERE ITEM\_MASTER\_DIM.ITEMMASTERKEY = INVENTORY\_FACT.ITEMMASTERKEY

AND INVENTORY\_FACT.DATEKEY = DATE\_DIM.DATEKEY

AND TRANSTYPEKEY = 1

GROUP BY DATE\_DIM.CALYEAR, ITEM\_MASTER\_DIM.SECONDITEMID

ORDER BY DATE\_DIM.CALYEAR ASC, SUM(ExtCost) DESC;

