## 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.

**Answer:**

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| SELECT CALYEAR,SECONDITEMID, SUM(EXTCOST) AS TOTAL\_COST, RATIO\_TO\_REPORT (SUM(EXTCOST)) OVER (PARTITION BY CALYEAR) AS RATIO\_TO\_REPORT |
|  |

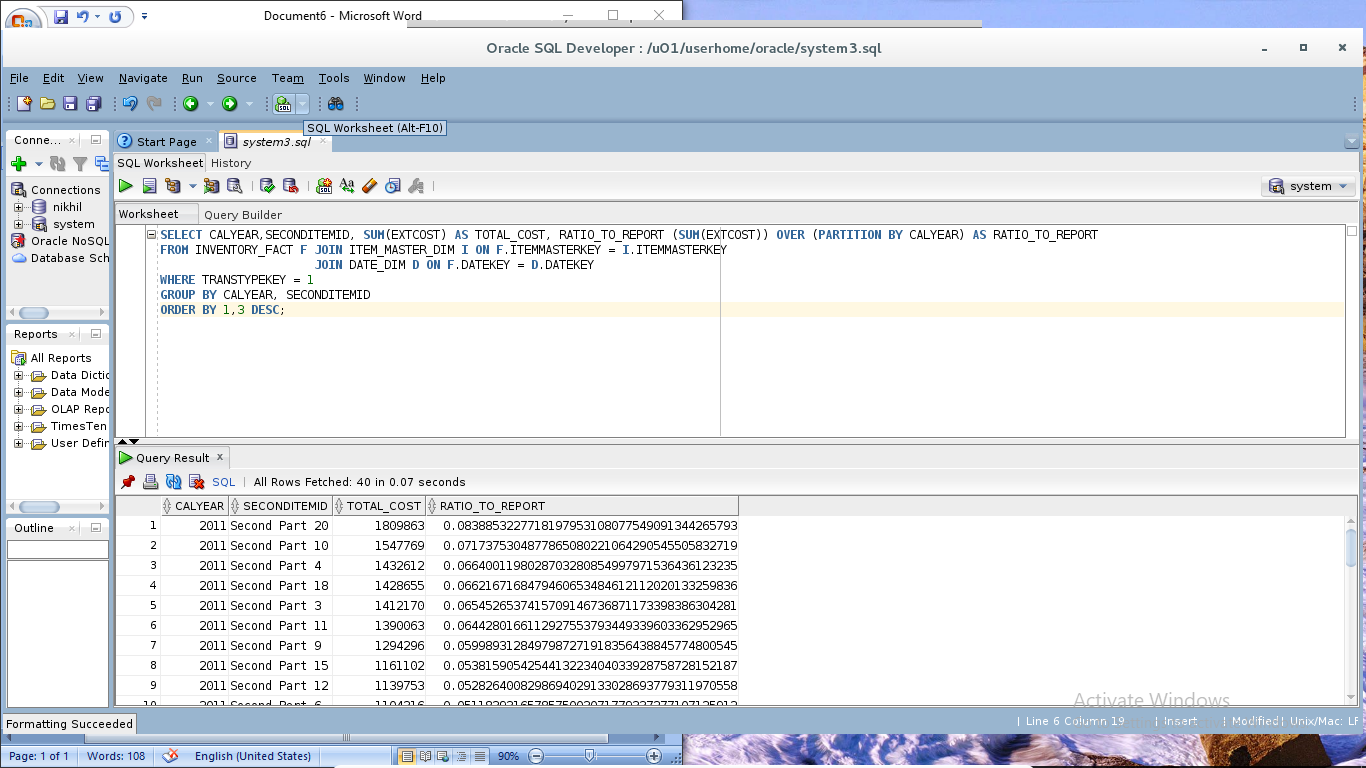
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| --- |
| FROM INVENTORY\_FACT F JOIN ITEM\_MASTER\_DIM I ON F.ITEMMASTERKEY = I.ITEMMASTERKEY |
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| JOIN DATE\_DIM D ON F.DATEKEY = D.DATEKEY |
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| WHERE TRANSTYPEKEY = 1 |
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| GROUP BY CALYEAR, SECONDITEMID |
|  |

ORDER BY 1,3 DESC;

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