## 4. Rewrite Query 2 of the Module 2 Assignment

SELECT CALQUARTER,NAME,ZIP,SUM (EstCost),SUM (Transactions)

FROM(

SELECT DISTINCT CALQUARTER,NAME,ZIP,SUM (SUMEXTCOST) AS EstCost,SUM (COUNTTRANSACTIONS) AS Transactions

FROM SALESBYVENDORDATEKEYMV2011,Date\_Dim,CUST\_VENDOR\_DIM

WHERE SALESBYVENDORDATEKEYMV2011.DATEKEY = DATE\_DIM.DATEKEY

AND SALESBYVENDORDATEKEYMV2011.CUSTVENDORKEY = CUST\_VENDOR\_DIM.CUSTVENDORKEY

GROUP BY(CALQUARTER, NAME, ZIP)

UNION

SELECT CALQUARTER,NAME,ZIP,SUM (SUMEXTCOST) AS EstCost,SUM (COUNTTRANSACTIONS) AS Transactions

FROM SALESBYVENDORDATEKEYMV2012,Date\_Dim,CUST\_VENDOR\_DIM

WHERE SALESBYVENDORDATEKEYMV2012.DATEKEY = DATE\_DIM.DATEKEY

AND SALESBYVENDORDATEKEYMV2012.CUSTVENDORKEY = CUST\_VENDOR\_DIM.CUSTVENDORKEY

GROUP BY(CALQUARTER, NAME, ZIP)

ORDER BY CALQUARTER,NAME,ZIP

)

GROUP BY CUBE (CALQUARTER, NAME, ZIP);

