**Solution to Module 4**

4.

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);

