**Assignment 1 – Module 4**

**Query 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);**

