**Problem 4**

**Query:**

SELECT calquarter

, NAME

, zip

, SUM(EstCost)

, SUM(Transactions)

FROM (

SELECT DISTINCT calquarter

, NAME

, zip

, SUM(totalextcost) EstCost

, SUM(totaltransactions) Transactions

FROM SalesByVendorDateKeyMV2011 S

, date\_dim D

, cust\_vendor\_dim V

WHERE S.datekey = D.datekey

AND S.custvendorkey = V.custvendorkey

GROUP BY (

calquarter

, NAME

, ZIP

)

)

GROUP BY CUBE(calquarter, name, zip);

**Output:**

