**Query 4**

SELECT loss.CustomerCategoryName,

loss.maxloss,

Table2.CustomerName,

Table2.CustomerId

FROM (SELECT Table1.CustomerCategoryName,

Max(Table1.totalvaluelostorders) as MaxLoss

FROM (SELECT Cu.CustomerId,

Cu.CustomerName,

Ca.CustomerCategoryName,

Sum(odl.quantity \* odl.unitprice) as TotalValueLostOrders

FROM Sales.Orders as Od,

Sales.OrderLines as odl,

Sales.Customers as Cu,

sales.customercategories as Ca

WHERE NOT EXISTS (SELECT \*

FROM Sales.Invoices as Inv

WHERE Inv.orderid = Od.orderid)

AND odl.orderid = Od.orderid

AND Cu.CustomerId = Od.CustomerId

AND Ca.customercategoryid = Cu.customercategoryid

GROUP BY Cu.CustomerId,

Cu.CustomerName,

Ca.CustomerCategoryName) as Table1

GROUP BY CustomerCategoryName) as loss,

(SELECT Cu.CustomerId,

Cu.CustomerName,

Ca.CustomerCategoryName,

Sum(odl.Quantity \* odl.UnitPrice) as TotalValueLostOrders

FROM Sales.Orders as Od,

Sales.OrderLines as odl,

Sales.Customers as Cu,

sales.customercategories as Ca

WHERE NOT EXISTS (SELECT \*

FROM Sales.invoices as Inv

WHERE Inv.orderid = Od.orderid)

AND odl.orderid = Od.orderid

AND Cu.CustomerId = Od.CustomerId

AND Ca.customercategoryid = Cu.customercategoryid

GROUP BY Cu.CustomerId,

Cu.CustomerName,

Ca.CustomerCategoryName) as Table2

WHERE loss.CustomerCategoryName = Table2.CustomerCategoryName

AND loss.maxloss = Table2.totalvaluelostorders

ORDER BY loss.maxloss DESC