**Query 1**

SELECT

Cu.CustomerID

, Cu.CustomerName

, (

SELECT COUNT(\*)

FROM Sales.Orders as Od

WHERE

Cu.CustomerID = Od.CustomerID

AND EXISTS

(

SELECT \*

FROM Sales.Invoices as Inv

WHERE Inv.OrderId = Od.OrderID

)

) as TotalNBOrders

, (

SELECT COUNT(\*)

FROM Sales.Orders as Od,

Sales.Invoices as Inv

WHERE Od.CustomerID = Cu.CustomerID

AND Od.OrderID = Inv.OrderID

) as TotalNBInvoices

, (

SELECT SUM(UnitPrice\*Quantity)

FROM Sales.OrderLines as Odl,

Sales.Orders as Od

WHERE Odl.OrderID = Od.OrderID

AND Cu.CustomerID = Od.CustomerID

AND EXISTS

(

SELECT \*

FROM Sales.Invoices as Inv

WHERE Inv.OrderId = Od.OrderID

)

) as OrdersTotalValue

, (

SELECT SUM(UnitPrice\*Quantity)

FROM Sales.InvoiceLines Invl,

Sales.Invoices as Inv

WHERE Cu.CustomerID = Inv.CustomerID

AND Invl.InvoiceID = Inv.InvoiceID

) as InvoicesTotalValue

, (SELECT

Abs(OrdersTotalValue - InvoicesTotalValue )

FROM

(SELECT

(SELECT SUM(UnitPrice\*Quantity)

FROM Sales.OrderLines as Odl,

Sales.Orders as Od

WHERE Odl.OrderID = Od.OrderID

AND Cu.CustomerID = Od.CustomerID

AND EXISTS

(

SELECT \*

FROM Sales.Invoices as Inv

WHERE Inv.OrderId = Od.OrderID)

) as OrdersTotalValue

,

(SELECT SUM(UnitPrice\*Quantity)

FROM Sales.InvoiceLines Invl,

Sales.Invoices as Inv

WHERE Invl.InvoiceID = Inv.InvoiceID

AND Cu.CustomerID = Inv.CustomerID ) as InvoicesTotalValue

) as OrderInvoiceValue

) as AbsoluteValueDifference

FROM

Sales.Customers as Cu

ORDER BY AbsoluteValueDifference DESC, TotalNBOrders ASC, CustomerName ASC