SQL Queries

1.

SELECT a.Sales\_SOH, b.Sales\_SOD , a.NoOfAccNumber FROM

(SELECT ROUND(SUM(LineTotal),2) AS Sales\_SOD FROM SalesLT.SalesOrderDetail ) AS b,

(SELECT ROUND(SUM(SubTotal),2) AS Sales\_SOH , COUNT(AccountNumber) AS NoOfAccNumber FROM SalesLT.SalesOrderHeader) AS a

2.

SELECT a.CountryRegion, ROUND(SUM(soh.SubTotal),2) AS TotalSales

FROM salesLT.CustomerAddress ca

JOIN salesLT.Address a ON a.AddressID = ca.AddressID

JOIN salesLT.SalesOrderHeader soh ON ca.customerid = soh.customerid

GROUP BY a.CountryRegion

ORDER BY SUM(soh.SubTotal) DESC

3.

SELECT a.CountryRegion, a.StateProvince, a.City, ROUND(SUM(soh.SubTotal),2) AS TotalSales

FROM salesLT.CustomerAddress ca

JOIN salesLT.Address a ON a.AddressID = ca.AddressID

JOIN salesLT.SalesOrderHeader soh ON ca.customerid = soh.customerid

GROUP BY a.CountryRegion, a.StateProvince, a.City

ORDER BY SUM(soh.SubTotal) DESC;

4.

SELECT CONCAT(c.LastName, ', ',c.FirstName) AS CustomerName, ROUND(SUM(SubTotal),2) AS TotalSales

FROM SalesLT.SalesOrderHeader AS soh

JOIN SalesLT.Customer AS c ON c.CustomerID = soh.CustomerID

GROUP BY CONCAT(c.LastName, ', ',c.FirstName)

ORDER BY TotalSales DESC

5.

SELECT c.CompanyName AS CompanyName, ROUND(SUM(soh.SubTotal),2) AS TotalSales

FROM SalesLT.SalesOrderHeader AS soh

JOIN SalesLT.Customer AS c ON c.CustomerID= soh.CustomerID

GROUP BY c.CompanyName

ORDER BY TotalSales DESC

6.

select vgc.ParentProductCategoryName , pc.Name AS ProductCategory , p.Name as ProductName, ROUND(sum(s.lineTotal),2) as Sales

from SalesLT.SalesOrderDetail s

inner join SalesLT.Product p on s.ProductID = p.ProductID

inner join SalesLT.ProductCategory pc on p.ProductCategoryID = pc.ProductCategoryID

join SalesLT.vGetAllCategories vgc on pc.ProductCategoryID = vgc.ProductCategoryID

group by vgc.ParentProductCategoryName, pc.Name, p.Name

order by Sales desc;

7.

SELECT p.Name AS ProductName, ROUND(SUM(sod.LineTotal),2) AS TotalSales

FROM SalesLT.SalesOrderDetail sod

JOIN SalesLT.Product p ON p.ProductID = sod.ProductID

GROUP BY p.Name

ORDER BY SUM(sod.LineTotal) DESC;

8.

SELECT c.CompanyName AS CompanyName, ROUND(SUM(sod.LineTotal),2) AS TotalSales

FROM SALESLT.SalesOrderDetail sod

JOIN SalesLT.SalesOrderHeader soh ON soh.SalesOrderID = sod.SalesOrderID

JOIN SalesLT.Customer AS c ON c.CustomerID= soh.CustomerID

GROUP BY c.CompanyName

ORDER BY TotalSales DESC

9.

SELECT c.CompanyName AS CompanyName, pc.Name, ROUND(SUM(sod.LineTotal),2) AS TotalSales

FROM SalesLT.SalesOrderDetail sod

JOIN SalesLT.Product pr ON sod.ProductID = pr.ProductID

JOIN SalesLT.ProductCategory pc ON pc.ProductCategoryID = pr.ProductCategoryID

JOIN SalesLT.SalesOrderHeader soh ON soh.SalesOrderID = sod.SalesOrderID

JOIN SalesLT.Customer AS c ON c.CustomerID= soh.CustomerID

GROUP BY c.CompanyName, pc.Name

ORDER BY TotalSales DESC