USE AdventureWorks2019

1--Get all the details from the person table including email ID, phone number, and phone number type

Select \* from [Person].[Person]

Select \* from [Person].[EmailAddress]

Select \* from [Person].[PersonPhone]

Select \* from [Person].[PhoneNumberType]

Select P.FirstName,P.LastName,E.EmailAddress,Ph.PhoneNumber,PHT.Name from

[Person].[Person] P join [Person].[EmailAddress] E

on P.BusinessEntityID=E.BusinessEntityID join

[Person].[PersonPhone] PH on Ph.BusinessEntityID=E.BusinessEntityID

join [Person].[PhoneNumberType] PHT on PHT.PhoneNumberTypeID=PH.PhoneNumberTypeID

2--Get the details of the sales header order made in May 2011

Select \* from [Sales].[SalesOrderHeader]

where OrderDate between ('2011-05-01') and ('2011-05-31')

3--Get the details of the sales details order made in the month of May 2011

Select \* from [Sales].[SalesOrderDetail]

Select \* from [Sales].[SalesOrderHeader]

Select \* from [Sales].[SalesOrderDetail] SD

Join [Sales].[SalesOrderHeader] SH

on SD.SalesOrderDetailID = SH.SalesOrderID

where SH.OrderDate between ('2011-05-01') and ('2011-05-31')

4--Get the total sales made in May 2011

Select \* from [Sales].[SalesOrderDetail]

Select \* from [Sales].[SalesOrderHeader]

Select Sum(SD.LineTotal) as MAY\_TOTAL\_SALE from [Sales].[SalesOrderDetail] SD

Join [Sales].[SalesOrderHeader] SH

on SD.SalesOrderDetailID = SH.SalesOrderID

where SH.OrderDate between ('2011-05-01') and ('2011-05-31')

5--Get the total sales made in the year 2011 by month order by increasing sales

Select Sum(SD.LineTotal) as TotalSales, MONTH(OrderDate) as SalesMonth from [Sales].[SalesOrderDetail] SD

Join [Sales].[SalesOrderHeader] SH

on SD.SalesOrderDetailID = SH.SalesOrderID

where SH.OrderDate between ('2011-05-01') and ('2011-05-31')

group by MONTH(OrderDate)

order by Totalsales ASC

6--Get the total sales made by the person with FirstName'G'

Select \* from [Person].[Person]

where FirstName like 'g%'