select concat(CustomerFirstName, ' ', CustomerLastName, ' phone number is ', CustomerPhoneNumber) as Customer\_Phone\_Number

from dbo.Customer;

select count (distinct customerID) as Total\_Purchasing\_Customers

from dbo.SalesOrder;

select sum(OrderAmountTotal) as Order\_Amount\_Grand\_Total

from dbo.SalesOrder;

select max(OrderAmountTotal) as Highest\_Order\_Amount, min(OrderAmountTotal) as Lowest\_Order\_Amount

from dbo.SalesOrder;

select max(Salary) as Highest\_Salary, min(Salary) as Lowest\_Salary, avg(Salary) as Average\_Salary

from Employee;

select CustomerID, count(CustomerID) as Payments\_to\_Payoff

from dbo.Payment

group by CustomerID

order by Payments\_to\_Payoff desc;

select \*

from dbo.product

where StockQuantity > 20;

select DepartmentID, count(distinct EmployeeID) as Employees\_In\_Department

from dbo.Employee

group by DepartmentID

having count(distinct EmployeeID) > 1

order by DepartmentID asc;

select DepartmentName, DepartmentLocation

from dbo.Department

where DepartmentID in

(select DepartmentID

from dbo.Employee

where salary > 70000);

select CompanyName, ContactName, SupplierEmail

from dbo.Supplier

where SupplierID in (

select SupplierID from dbo.SupplierProduct

where ProductID in (

select ProductID from dbo.Product

where StockQuantity < 15));

select ProductName, ProductDescription

from dbo.Product

where ProductID in (

select ProductID

from dbo.OrderLine

where OrderID in (

select OrderID

from dbo.SalesOrder

where OrderDate = '2023-10-14'));

select CustomerFirstName, CustomerLastName, Count(OrderAmountTotal) as Orders\_Over\_$100

from dbo.Customer c, dbo.SalesOrder s

where c.CustomerID = s.CustomerID and s.OrderAmountTotal > 100.00

group by CustomerFirstName, CustomerLastName

order by Orders\_Over\_$100 desc;

select CompanyName, ContactName, SupplierEmail, ProductName

from dbo.Product p, dbo.Supplier s, dbo.SupplierProduct sp

where p.ProductID = sp.ProductID and sp.SupplierID = s.SupplierID and ProductName like 'Computer%';

select c.CustomerID, CustomerFirstName, CustomerLastName, CustomerEmail, CustomerPhoneNumber, PaymentDate

from dbo.Payment p join dbo.Customer c

on p.CustomerID = c.CustomerID

where PaymentDate = '2023-11-12';

select \*

from dbo.Customer c left outer join dbo.SalesOrder s

on c.CustomerID = s.CustomerID

where OrderID is Null;