use AdventureWorks2016CTP3

select productid, name, color, standardcost

from Production.Product

where ProductID in

(

select ProductID

from Sales.SalesOrderDetail

where OrderQty >= 5

)

or color ='blue'

order by name

select productid, name, color

from Production.Product

where color in

(

'blue' , 'red'

)

or color is null

select productid, name, color

from Production.Product

where name like '%\,%' escape '\'

select productid, name, color

from Production.Product

where name between 'a' and 'bc'

select year(GETDATE())

select [BusinessEntityID], [JobTitle], birthdate, year(GETDATE())- year(birthdate) 'age'

from HumanResources.Employee

select count (Color)

from Production.Product

select isnotNULL(color, 'nocolor')

from Production.Product

select color

from Production.Product

where color is null

select standardcost

from Production.Product

where StandardCost <> 0

select count (color)

from production.product

select count (isnull(color, 'Nocolor'))

from production.product

select isnull(color, 'Nocolor')

from production.product

select sum(linetotal)

from Sales.SalesOrderDetail

select min(standardcost)

from Production.Product

where StandardCost !=0

select name, color, standardcost

from Production.Product

where StandardCost in

( select min(StandardCost)

from Production.Product

where StandardCost != 0

)

select max(orderqty)

from Sales.SalesOrderDetail

select sum(linetotal)

from Sales.SalesOrderDetail

where ProductID =777

select AVG(linetotal), sum(linetotal), sqrt(var(linetotal))

from Sales.SalesOrderDetail

select productid, orderqty, sum(orderqty) 'sumqty'

from Sales.SalesOrderDetail

group by ProductID, orderqty

order by sumqty desc

select name,color,row\_number()

from Production.Product

over (partition by color) order by

select color, name, standardcost

from Production.product

where StandardCost = 500

group by color

having sum(StandardCost) >= 1000

order by StandardCost desc

select productid, sum(orderqty) 'sumqty'

from Sales.SalesOrderDetail

where productid =877

group by productid

having sum(orderqty) > 90

order by sumqty desc

SELECT YEAR(HireDate) 'HireYear', MONTH(HireDate) 'HireMonth', COUNT(\*) 'Count'

FROM HumanResources.Employee

GROUP BY YEAR(HireDate), MONTH(HireDate)

ORDER BY HireYear, HireMonth