**TASK 3**

CREATE VIEW TASKA

AS

SELECT ProductID AS Prod\_id,CustomerID as Cust\_id ,DAY(OrderDate) as D ,MONTH(OrderDate) AS M ,YEAR(OrderDate) AS Y,(SubTotal) AS OrderValue, OrderQty AS OrderQuantity,Status as TheStatus

FROM AdventureWorks2017.Sales.SalesOrderHeader AS SH

INNER JOIN AdventureWorks2017.Sales.SalesOrderDetail AS SD

ON SD.SalesOrderID=SH.SalesOrderID

stats

CREATE VIEW TASKB

AS

SELECT CustomerID as cid,FirstName,MiddleName, LastName, PersonType

FROM AdventureWorks2017.Person.Person pr

INNER JOIN AdventureWorks2017.Sales.Customer sc

ON sc.PersonID=pr.BusinessEntityID

WHERE PersonType LIKE 'IN'

Filter preson

CREATE VIEW TASKC

AS

SELECT ProductID as p\_id,pp.Name as ProductName,pc.Name ProductCatName, ps.Name as ProductSubCatName,ListPrice,Color,Weight,WeightUnitMeasureCode

FROM AdventureWorks2017.Production.Product pp

full outer JOIN AdventureWorks2017.Production.ProductSubcategory ps

ON ps.ProductSubcategoryID=pp.ProductSubcategoryID

full outer JOIN AdventureWorks2017.Production.ProductCategory pc

ON ps.ProductCategoryID=PC.ProductCategoryID

Category names

Not inner join

CREATE VIEW LASTT

AS

SELECT prod\_id, Cust\_id,D,M,Y,OrderValue,OrderQuantity,TheStatus,FirstName,MiddleName, LastName, PersonType,ProductName,ProductCatName,ProductSubCatName,ListPrice,Color,Weight,WeightUnitMeasureCode

FROM TASKA

left join TASKC

ON TASKC.p\_id=TASKA.prod\_id

left join TASKB

ON TASKB.cid=TASKA.cust\_id