Section: 03

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Challenge 1

Q1:

-- Retrieve Customer Details

select \* from SalesLT.Customer;

Q2:

-- Retrieve Customer Name Data

select ( Title+''+FirstName+ ''+ ISNull(MiddleName,'')+ ''+LastName+''+ISNull(Suffix,'')) AS NAME from SalesLT.Customer;

Q3:

-- Retrieve Customer Names and Phone Numbers

select SalesPerson, (Title +''+ FirstName) as CustomerName, Phone from SalesLT.Customer;

Challenge 2

Q1:

-- Retrieve a list of Customer Companies

select convert(varchar(20),CustomerID) + ':' + CompanyName from SalesLT.Customer;

Q2:

-- Retrieve a list of Sales order revisions

select (SalesOrderNumber+'('+ convert(varchar(20),RevisionNumber) +')') as SalesOrderID, (CONVERT(VARCHAR(10),[OrderDate] , 102)) as OrderDate from SalesLT.SalesOrderHeader;

Challenge 3

Q1:

-- Retrieve customer contact names with middle names if know

select( FirstName+ ''+ ISNull(MiddleName,'')+ ''+LastName)

AS NAME from [SalesLT].[Customer];

Q2:

-- Retrieve Primary Contact Details

update [SalesLT].[Customer] set

[EmailAddress] = NULL where [CustomerID] %7 =1;

select [CustomerID], ISNull([EmailAddress],[Phone])

AS PrimaryContact from [SalesLT].[Customer];

Q3:

-- Retrieve Shipping Status

UPDATE SalesLT.SalesOrderHeader

SET ShipDate = NULL

WHERE SalesOrderID > 71899;

SELECT [SalesOrderID], [OrderDate], CASE

WHEN [ShipDate] IS NULL

THEN 'Awaiting Shipment'

ELSE 'Shipped'

END AS ShippingStatus from [SalesLT].[SalesOrderHeader]