Section: 03

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Challenge 1

Q1:

-- Insert a product

insert into [SalesLT].[Product] values ('LED Lights','LT-L123',NULL,2.56,12.99,NULL,NULL,37,Null,GETDATE(),null,null,null,null,default,default);

select [ProductID] from [SalesLT].[Product] where [ProductNumber]='LT-L123';

select \* from [SalesLT].[Product] where [ProductNumber]='LT-L123';

delete from [SalesLT].[Product] where Name='LED Lights'

Q2:

-- insert a new category with two products

insert into [SalesLT].[ProductCategory] values (4,'Bells and Horns',default,GETDATE())

select \* from [SalesLT].[ProductCategory];

insert into [SalesLT].[Product] values('Bicycle Bell','BB-RING',null,2.47,4.99,null,null,IDENT\_CURRENT('SalesLT.ProductCategory'),default,GETDATE(),default,default,null,null,default,default);

insert into [SalesLT].[Product] values('Bicycle Horn','BB-PARP',null,1.29,3.75,null,null,IDENT\_CURRENT('SalesLT.ProductCategory'),default,GETDATE(),default,default,null,null,default,default);

select \* from [SalesLT].[Product];

Challenge 2

Q1:

-- Update Product prices

UPDATE [SalesLT].[Product]

SET ListPrice = ListPrice \* 1.1

WHERE ProductCategoryID =

(SELECT [ProductCategoryID] FROM [SalesLT].[ProductCategory] WHERE Name = 'Bells and Horns');

select [Name],[ProductCategoryID] from [SalesLT].[Product];

Q2:

-- Discontinue products

update [SalesLT].[Product] set [DiscontinuedDate]= GETDATE() where [Name] != 'LED Lights';

select \* from [SalesLT].[Product];

Challenge 3

Q1:

-- Delete a product category and its products

DELETE FROM [SalesLT].[Product]

WHERE [ProductCategoryID] =

(SELECT [ProductCategoryID] FROM [SalesLT].[ProductCategory] WHERE Name = 'Bells and Horns');

DELETE FROM [SalesLT].[ProductCategory]

WHERE [ProductCategoryID] =

(SELECT [ProductCategoryID] FROM [SalesLT].[ProductCategory] WHERE Name = 'Bells and Horns');