**Section : 03**

**Name : Sushma Suttakote Parameshappa**

**Challenge 1: Inserting products**

**Que 1:**

-- Insert a product

INSERT INTO AdventureWorksLT2012.SalesLT.Product

(Name,

ProductNumber,

StandardCost,

ListPrice,

ProductCategoryID,

SellStartDate

)

VALUES

('LED Lights',

'LT-L123',

2.56,

12.99,

37,

GETDATE()

);

SELECT SCOPE\_IDENTITY() AS Product\_Id;

SELECT \* FROM AdventureWorksLT2012.SalesLT.Product

WHERE ProductID=IDENT\_CURRENT('AdventureWorksLT2012.SalesLT.Product');

**Que 2:**

-- Insert a new category with two products

INSERT INTO AdventureWorksLT2012.SalesLT.ProductCategory(ParentProductCategoryID,Name)

Values(4,'Bells and Horns');

INSERT INTO AdventureWorksLT2012.SalesLT.Product(Name,ProductNumber,StandardCost,ListPrice,ProductCategoryID,SellStartDate)

VALUES ('Bicycle Bell','BB-RING',2.47,4.99,SCOPE\_IDENTITY(),GETDATE());

INSERT INTO AdventureWorksLT2012.SalesLT.Product(Name,ProductNumber,StandardCost,ListPrice,ProductCategoryID,SellStartDate)

VALUES ('Bicycle Horn','BB-PARP',1.29,3.75,IDENT\_CURRENT('AdventureWorksLT2012.SalesLT.ProductCategory'),GETDATE());

SELECT \* FROM AdventureWorksLT2012.SalesLT.ProductCategory

WHERE ProductCategoryID=IDENT\_CURRENT('AdventureWorksLT2012.SalesLT.ProductCategory');

SELECT \* FROM AdventureWorksLT2012.SalesLT.Product

WHERE ProductCategoryID=IDENT\_CURRENT('AdventureWorksLT2012.SalesLT.ProductCategory');

**Challenge 2: Updating Products**

**Que 1:**

--Update product prices

SELECT ProductCategoryID FROM AdventureWorksLT2012.SalesLT.ProductCategory

WHERE Name ='Bells and Horns';

UPDATE AdventureWorksLT2012.SalesLT.Product

SET ListPrice = 1.1 \* ListPrice

WHERE ProductCategoryID = 42;

SELECT \* FROM AdventureWorksLT2012.SalesLT.Product

WHERE ProductCategoryID = 42;

**Que 2:**

--Discontinue products

UPDATE AdventureWorksLT2012.SalesLT.Product

SET DiscontinuedDate = GETDATE()

WHERE ProductCategoryID = 37 AND CONVERT(VARCHAR(10),SellStartDate,111) != CONVERT(VARCHAR(10),GETDATE(),111);

SELECT \* FROM AdventureWorksLT2012.SalesLT.Product

WHERE ProductCategoryID = 37;

**Challenge 3: Deleting Products**

**Que 1:**

--Discontinue products

DELETE FROM AdventureWorksLT2012.SalesLT.Product

WHERE ProductCategoryID = IDENT\_CURRENT('AdventureWorksLT2012.SalesLT.ProductCategory');

DELETE FROM AdventureWorksLT2012.SalesLT.ProductCategory

WHERE ProductCategoryID = IDENT\_CURRENT('AdventureWorksLT2012.SalesLT.ProductCategory');

SELECT \* FROM AdventureWorksLT2012.SalesLT.ProductCategory

WHERE ProductCategoryID=IDENT\_CURRENT('AdventureWorksLT2012.SalesLT.ProductCategory');

SELECT \* FROM AdventureWorksLT2012.SalesLT.Product

WHERE ProductCategoryID = IDENT\_CURRENT('AdventureWorksLT2012.SalesLT.ProductCategory');