## SQL Functions

**# Create a table Products with AUTO\_INCREMENT -**

CREATE TABLE Products (

ProductID INT PRIMARY KEY AUTO\_INCREMENT,

ProductName NVARCHAR(50) NOT NULL,

Quantity INT NOT NULL,

Price DECIMAL(10,2) NOT NULL,

Discount DECIMAL(5,2) NOT NULL

);

**# Inserting data into Products table -**

INSERT INTO Products (ProductName, Quantity, Price, Discount) VALUES

('Laptop', 10, 1000, 5),

('Headphones', 50, 150, 10),

('Moniter', 30, 300, 7.50),

('Keyboard', 100, 50, 20),

('Mouse', 200, 25, 15)

;

**# Calculate Total Price of products from table Products -**

SELECT \*, (Quantity \* Price) AS TotalPrice FROM products ;

**# Calculate Average Price of products from table Products -**

SELECT AVG(Price) AS AveragePrice FROM products;

**# Calculate Total Revenue from all products from table Products -**

SELECT SUM(Price \* Quantity) AS TotalRevenue FROM products;