

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;
```