

## CREATE DATA BASE:

Create database E\_commerce;

## CREATING TABLES:

### 1.product:

USE E\_COMMERCE ;

```
CREATE TABLE products (  
product_id int primary key,  
product_name varchar(40) not null,  
price decimal (4,2),  
tax_rate int,  
discount int,  
category varchar(40) not null,  
stock_level int,  
return_level decimal (4,2),  
seasonality tinyint(1),  
popularity_index int  
);
```

### 2.customer:

USE E\_COMMERCE ;

```
CREATE TABLE customers (  
customer_id int primary key ,  
customer_gender varchar(5) not null check(customer_gender in  
( 'Female','Male' )),
```

```
customer_location varchar(50) not null,  
customer_age_group int);
```

### 3.create order:

```
USE E_COMMERCE ;  
CREATE TABLE ORDERS (  
ORDER_ID int primary key not null,  
product_id int ,  
customer_id int ,  
shipping_cost decimal(4,2),  
shipping_method varchar (50),  
pure_profit decimal(8,2),  
foreign key (product_id) references products(product_id),  
foreign key (customer_id) references customers(customer_id)  
  
);
```

### 4.create supply:

```
USE E_COMMERCE ;  
CREATE TABLE supply (  
supplier_id int primary key not null,  
product_id int,  
foreign key (product_id) references products(product_id)  
  
);
```