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Step 3 :Database Schema Design

1. Customers Table

Column Name	Key Type
CustomerID	Primary Key (PK)
FirstName	
LastName	
Email	
City	

2.Products Table

Column Name	Key Type
ProductID	Primary Key (PK)
ProductName	
Category	
Price	

3.Orders Table

Column Name	Key Type
OrderID	Primary Key (PK)
CustomerID	Foreign Key (FK → Customers.CustomerID)
ProductID	Foreign Key (FK → Products.ProductID)

OrderDate	
Quantity	

Relationships

- **One customer** → **many orders**: Each customer can buy many products over time.
- **One product** → **many orders**: Each product can appear in multiple orders.
- The **Orders table** links **Customers** and **Products** using foreign keys.

