

Table Structure

Customers Table

Column Name	Data Type	Constraints	Description
CustomerID	INT	Auto_Increment Primary key	Customer's Identification Number
FirstName	VARCHAR(50)	Not Null	Customer's first name
LastName	VARCHAR(50)	Not Null	Customer's last name
Email	VARCHAR(100)	Unique Not Null	Customer's email address
PhoneNumber	VARCHAR(15)	NA	Customer's phone number
Address	TEXT	NA	Full customer address
City	VARCHAR(50)	NA	Customer's City
State	VARCHAR(50)	NA	Customer's State
Country	VARCHAR(50)	Not Null	Customer's country
PostalCode	VARCHAR(20)	NA	Customer's Postal Code

Inventory Table

Column Name	Data Type	Constraints	Description
StockCode	INT	Primary key	Stock Code Identification
Description	VARCHAR(50)	Not Null	Detailed product description
UnitPrice	DECIMAL(10,2)	Not Null	Price per unit
QuantityAvailable	INT	Not Null	Quantity in stock
Category	VARCHAR(50)		Product category
PostalCode	VARCHAR(20)	NA	Customer's Postal Code

Transactions (Invoices) Table

Column Name	Data Type	Constraints	Description
InvoiceNO	INT	Primary key	Invoice Number
StockCode	INT		Foreign key (Products.StockCode)
Quantity	INT	Not Null	Number of items in invoice
InvoiceDate	DATE	Not Null	Date when invoice was created
UnitPrice	DECIMAL(10,2)	Not Null	Price per unit
CustomerID	INT		Foreign key (Customers.CustomerID)
Country	VARCHAR(50)	Not Null	Customer's country