.**1. Customers Table**

This table stores information about the customers of the retail store.

| **Column** | **Description** |
| --- | --- |
| Customer\_ID | Unique identifier for each customer (Primary Key) |
| First\_Name | Customer's first name |
| Last\_Name | Customer's last name |
| Email | Customer's email address |
| Phone | Customer's phone number |
| Address | Customer's address |
| City | Customer's city |
| State | Customer's state or region |
| Postal\_Code | Postal or ZIP code |
| Registration\_Date | Date when the customer first registered |

### ****2. Products Table****

This table stores information about the products sold in the store.

| **Column** | **Description** |
| --- | --- |

|  |  |
| --- | --- |
| Product\_ID | Unique identifier for each product (Primary Key) |

|  |  |
| --- | --- |
| Product\_Name | Name of the product |

|  |  |
| --- | --- |
| Category\_ID | Foreign key linking to the product category |

|  |  |
| --- | --- |
| Supplier\_ID | Foreign key linking to the supplier |

|  |  |
| --- | --- |
| Price | Unit price of the product |

|  |  |
| --- | --- |
| Stock\_Level | Current number of units in stock |

|  |  |
| --- | --- |
| Reorder\_Level | Minimum stock level to trigger a reorder |

|  |  |
| --- | --- |
| Reorder\_Quantity | Number of units to reorder |

|  |  |
| --- | --- |
| Description | Description of the product |

### ****3. Categories Table****

This table contains the categories to which each product belongs (e.g., Electronics, Furniture, Clothing).

| **Column** | **Description** |
| --- | --- |

|  |  |
| --- | --- |
| Category\_ID | Unique identifier for each category (Primary Key) |

|  |  |
| --- | --- |
| Category\_Name | Name of the product category |

|  |  |
| --- | --- |
| Description | Description of the category |

**4. Suppliers Table**

This table stores information about the suppliers who provide products to the retail store.

| **Column** | **Description** |
| --- | --- |
| Supplier\_ID | Unique identifier for each supplier (Primary Key) |
| Supplier\_Name | Name of the supplier |
| Contact\_Name | Supplier contact person's name |
| Contact\_Email | Supplier contact person's email |
| Phone | Supplier contact person's phone |
| Address | Supplier's address |
| City | Supplier's city |
| State | Supplier's state or region |
| Postal\_Code | Postal or ZIP code |

**5. Sales Table**

This table records all the sales transactions that occur in the retail store.

| **Column** | **Description** |
| --- | --- |
| Sale\_ID | Unique identifier for each sale (Primary Key) |
| Customer\_ID | Foreign key linking to the customer |
| Sale\_Date | Date and time of the sale |
| Total\_Amount | Total amount of the sale |
| Payment\_Method | Payment method (e.g., cash, credit card) |

**6. Sale\_Items Table**

This table records the individual items that were part of each sale.

| **Column** | **Description** |
| --- | --- |
| Sale\_Item\_ID | Unique identifier for each sale item (Primary Key) |
| Sale\_ID | Foreign key linking to the sales table |
| Product\_ID | Foreign key linking to the product |
| Quantity | Number of units sold |
| Price | Sale price of the product |

**7. Employees Table**

This table stores information about the employees working in the retail store.

| **Column** | **Description** |
| --- | --- |
| Employee\_ID | Unique identifier for each employee (Primary Key) |
| First\_Name | Employee's first name |
| Last\_Name | Employee's last name |
| Email | Employee's email |
| Phone | Employee's phone number |
| Hire\_Date | Date when the employee was hired |
| Job\_Title | Employee's job title (e.g., cashier, manager) |
| Department | Department where the employee works |

**8. Inventory Table**

This table keeps track of the inventory movement (items coming in and out of the warehouse).

| **Column** | **Description** |
| --- | --- |
| Inventory\_ID | Unique identifier for each inventory record (Primary Key) |
| Product\_ID | Foreign key linking to the product |
| Quantity | Quantity of the product (added or removed) |
| Movement\_Type | Type of inventory movement (In or Out) |
| Movement\_Date | Date of inventory movement |

**9. Orders Table**

This table tracks orders placed with suppliers to replenish stock.

| **Column** | **Description** |
| --- | --- |
| Order\_ID | Unique identifier for each order (Primary Key) |
| Supplier\_ID | Foreign key linking to the supplier |
| Order\_Date | Date the order was placed |
| Delivery\_Date | Expected delivery date |
| Order\_Status | Status of the order (e.g., Pending, Received) |

**10. Order\_Items Table**

This table keeps track of the specific items ordered from suppliers.

| **Column** | **Description** |
| --- | --- |
| Order\_Item\_ID | Unique identifier for each order item (Primary Key) |
| Order\_ID | Foreign key linking to the orders table |
| Product\_ID | Foreign key linking to the product |
| Quantity\_Ordered | Quantity ordered |
| Quantity\_Received | Quantity received |
| Price | Price per unit from the supplier |

**11. Returns Table**

This table tracks customer returns, including the reasons for the return.

| **Column** | **Description** |
| --- | --- |
| Return\_ID | Unique identifier for each return (Primary Key) |
| Sale\_ID | Foreign key linking to the sales table |
| Product\_ID | Foreign key linking to the product |
| Return\_Date | Date when the return occurred |
| Return\_Reason | Reason for the return (e.g., defective, wrong item) |

**12. Discounts and Promotions Table**

This table stores data about any active discounts or promotions in the store.

| **Column** |  | **Description** |
| --- | --- | --- |
| Promotion\_ID |  | Unique identifier for each promotion (Primary Key) |
| Product\_ID |  | Foreign key linking to the product |
| Discount\_Percentage |  | Discount percentage applied to the product |
| Start\_Date |  | Start date of the promotion |
| End\_Date |  | End date of the promotion |

**13. Payment\_Methods Table**

This table stores the types of payment methods used in the store.

| **Column** | **Description** |
| --- | --- |
| Payment\_Method\_ID | Unique identifier for the payment method (Primary Key) |
| Payment\_Method\_Name | Name of the payment method (e.g., credit card, cash) |

**14. Feedback/Reviews Table**

This table tracks customer feedback or reviews for products.

| **Column** | **Description** |
| --- | --- |
| Review\_ID | Unique identifier for each review (Primary Key) |
| Product\_ID | Foreign key linking to the product |
| Customer\_ID | Foreign key linking to the customer |
| Review\_Text | Text of the customer review |
| Rating | Customer rating (1 to 5 stars) |
| Review\_Date | Date when the review was submitted |