

```
CREATE TABLE Sales (  
    sale_id INT PRIMARY KEY,  
    product VARCHAR(50),  
    category VARCHAR(50),  
    quantity INT,  
    price DECIMAL(10,2),  
    region VARCHAR(50),  
    salesperson VARCHAR(50),  
    sale_date DATE  
);
```

-- Insert the data

```
INSERT INTO Sales (sale_id, product, category, quantity, price, region, salesperson,  
sale_date)
```

```
VALUES
```

```
(1, 'Laptop', 'Electronics', 5, 50000, 'East', 'John', '2024-01-05'),  
(2, 'Mobile', 'Electronics', 10, 20000, 'West', 'Mary', '2024-01-10'),  
(3, 'Chair', 'Furniture', 20, 1500, 'East', 'John', '2024-02-15'),  
(4, 'Table', 'Furniture', 8, 5000, 'North', 'Steve', '2024-02-18'),  
(5, 'Laptop', 'Electronics', 7, 55000, 'South', 'Mary', '2024-03-01'),  
(6, 'Mobile', 'Electronics', 15, 18000, 'East', 'John', '2024-03-05'),  
(7, 'Sofa', 'Furniture', 3, 25000, 'West', 'Steve', '2024-03-20'),  
(8, 'Laptop', 'Electronics', 2, 52000, 'North', 'Mary', '2024-04-02'),  
(9, 'Chair', 'Furniture', 30, 1200, 'South', 'John', '2024-04-12'),  
(10, 'Mobile', 'Electronics', 12, 22000, 'West', 'Steve', '2024-04-15');
```

Constraint	Purpose	Example in Table
PRIMARY KEY	Uniquely identifies each record in the table. No two students can have the same StudentID.	StudentID
NOT NULL	Prevents a column from having NULL (empty) values. Ensures every student has a name.	StudentName
CHECK	Ensures data meets a specific condition before being inserted or updated.	Age >= 18
DEFAULT	Assigns a value automatically if no value is provided during insertion.	AdmissionDate DEFAULT CURRENT_DATE gives today's date automatically