

```
-- Create database and switch
CREATE DATABASE IF NOT EXISTS model_car_db;
USE model_car_db;

-- Customers table
DROP TABLE IF EXISTS Customers;
CREATE TABLE Customers (
    customer_id INT AUTO_INCREMENT PRIMARY KEY,
    name VARCHAR(100) NOT NULL,
    email VARCHAR(100) UNIQUE NOT NULL,
    city VARCHAR(50),
    registered_date DATE
);

-- Cars table
DROP TABLE IF EXISTS Cars;
CREATE TABLE Cars (
    car_id INT AUTO_INCREMENT PRIMARY KEY,
    model VARCHAR(100) NOT NULL,
    manufacturer VARCHAR(50),
    year INT,
    base_price DECIMAL(10,2)
);

-- Inventory table
DROP TABLE IF EXISTS Inventory;
CREATE TABLE Inventory (
    inventory_id INT AUTO_INCREMENT PRIMARY KEY,
    car_id INT NOT NULL,
    quantity INT DEFAULT 0,
    location VARCHAR(100),
    FOREIGN KEY (car_id) REFERENCES Cars(car_id)
);

-- Sales table
DROP TABLE IF EXISTS Sales;
CREATE TABLE Sales (
    sale_id INT AUTO_INCREMENT PRIMARY KEY,
    customer_id INT NOT NULL,
    car_id INT NOT NULL,
    sale_date DATE,
    sale_price DECIMAL(10,2),
    FOREIGN KEY (customer_id) REFERENCES Customers(customer_id),
    FOREIGN KEY (car_id) REFERENCES Cars(car_id)
);
```