CREATE DATABASE sales2;

USE sales2;

CREATE TABLE Products (

product\_id INT PRIMARY KEY,

product\_name VARCHAR(100),

price DECIMAL(10, 2));

CREATE TABLE Sales (

sale\_id INT PRIMARY KEY,

product\_id INT,

quantity\_sold INT,

sale\_date DATE,

total\_price DECIMAL(10, 2),

FOREIGN KEY (product\_id) REFERENCES Products(product\_id));

INSERT INTO Products (product\_id, product\_name, price) VALUES

(101, 'Laptop', 500.00),

(102, 'Tablet', 300.00),

(103, 'Mouse', 30.00),

(104, 'Keyboard', 20.00),

(105, 'Charger', 15.00);

INSERT INTO Sales (sale\_id, product\_id, quantity\_sold, sale\_date, total\_price) VALUES

(1, 101, 5, '2024-01-01', 2500.00),

(2, 102, 3, '2024-01-02', 900.00),

(3, 103, 2, '2024-01-02', 60.00),

(4, 104, 4, '2024-01-03', 80.00),

(5, 105, 6, '2024-01-03', 90.00);

SELECT \* FROM Sales;

SELECT sale\_id, sale\_date FROM Sales;

SELECT \* FROM Sales WHERE total\_price > 100.00;

SELECT sale\_id, total\_price FROM Sales WHERE sale\_date = '2024-01-03';

SELECT SUM(total\_price) AS total\_revenue FROM Sales;

SELECT SUM(quantity\_sold) AS total\_quantity\_sold FROM Sales;

SELECT sale\_id, product\_id, total\_price FROM Sales WHERE quantity\_sold > 4;

SELECT AVG(total\_price) AS average\_total\_price FROM Sales;