Market Analysis

CREATE TABLE Sales (

CustomerID INT,

ProductID CHAR(1),

PurchaseDate DATE,

Quantity INT,

Revenue DECIMAL(10, 2)

);

INSERT INTO Sales (CustomerID, ProductID, PurchaseDate, Quantity, Revenue)

VALUES

(1, 'A', '2023-01-01', 5, 100),

(2, 'B', '2023-01-02', 3, 50),

(3, 'A', '2023-01-03', 2, 30),

(4, 'C', '2023-01-03', 1, 20),

(1, 'B', '2023-01-04', 4, 80);

Calculating total revenue

SELECT SUM(Revenue) AS TotalRevenue FROM Sales;

Total Sales by product

SELECT ProductID, SUM(Quantity) AS TotalQuantity, SUM(Revenue) AS TotalRevenue

FROM marketsales

GROUP BY ProductID;

Top Customers by Revenue

SELECT CustomerID, SUM(Revenue) AS TotalRevenue

FROM Sales

GROUP BY CustomerID

ORDER BY TotalRevenue DESC

LIMIT 5;