Company Sales Data Analysis Project

Problem Statement

1. How much is the total revenue?

SELECT SUM(GrossIncome) AS TotalRevenue

FROM SupermarketSales

TotalRevenue

15379.3689970374

1. What is the revenue in each branch?

SELECT Branch, SUM(GrossIncome) AS TotalRevenue

FROM SupermarketSales

GROUP BY Branch

ORDER BY Branch

Branch TotalRevenue

A 5057.16050344706

B 5057.03201311827

C 5265.17648047209

1. How many sales are there for each payment type?

\SELECT Payment, COUNT(InvoiceID) AS TotalTransactions

FROM SupermarketSales

GROUP BY Payment

ORDER BY Payment

Payment TotalTransactions

Cash 344

Credit card 311

Ewallet 345

1. What is the overall average rating?

SELECT AVG(Rating) AS OverallAvgRating

FROM SupermarketSales

OverallAvgRating

6.97269999456406

1. What is the average rating for each branch?

SELECT Branch, AVG(Rating) AS AvgRating

FROM SupermarketSales

GROUP BY Branch

ORDER BY Branch

Branch AvgRating

A 7.02705882156596

B 6.81807227450681

C 7.07286585394929

1. How many units were sold?

SELECT SUM(Quantity) AS TotalUnits

FROM SupermarketSales

TotalUnits

5510

1. What are the sales by customer type?

SELECT CustomerType, COUNT(InvoiceID) AS TotalTransactions

FROM SupermarketSales

GROUP BY CustomerType

ORDER BY CustomerTYpe

CustomerType TotalTransactions

Member 501

Normal 499

1. How many units were sold for each product category?

SELECT ProductLine, SUM(Quantity) AS TotalUnits

FROM SupermarketSales

GROUP BY ProductLine

ORDER BY ProductLine

ProductLine TotalUnits

Electronic accessories 971

Fashion accessories 902

Food and beverages 952

Health and beauty 854

Home and lifestyle 911

Sports and travel 920

1. What is the average amount of units sold per customer?

SELECT AVG(Quantity) As AverageUnitsSold

FROM SupermarketSales

AverageUnitsSold

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