Company Sales Data Analysis Project

Problem Statement

1. How much is the total revenue?

SELECT SUM(GrossIncome) AS TotalRevenue
FROM SupermarketSales

TotalRevenue
15379.3689970374

2. 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

3. 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

4. What is the overall average rating?

SELECT AVG(Rating) AS OverallAvgRating
FROM SupermarketSales

OverallAvgRating
6.97269999456406

5. 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

6. How many units were sold?

SELECT SUM(Quantity) AS TotalUnits
FROM SupermarketSales

TotalUnits
5510

7. 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

8. 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

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

SELECT AVG(Quantity) As AverageUnitsSold
FROM SupermarketSales

AverageUnitsSold
5