WALMART BUSINESS QUESTIONS

ANALYSIS ON DATA

1. How many unique cities does the data have?
2. In which city is each branch?

PRODUCT ANALYSIS

1. What is the most selling product line?
2. How many unique product lines does the data have?
3. What is the total revenue foe product line by month?
4. What month had the largest COGS?
5. What product line had the largest revenue?
6. What is the city with the largest revenue?
7. Fetch each product line and add a column to those product lines showing "Good", "Bad". Good if it's greater than average sales.
8. Which branch sold more products than average product sold?
9. What is the most common product line by gender?
10. What is the average rating of each product line?

CUSTOMER ANALYSIS

1. How many unique customer types does the data have?
2. How many unique payment methods does the data have?
3. What is the most common customer type?
4. What is the gender of most of the customers?
5. What is the gender distribution per branch?
6. Which time of the day do customers give most ratings?
7. Which time of the day do customers give most ratings per branch?
8. Which day of the week has the best average ratings?

SALES ANALYSIS

1. Number of sales made in each time of the day per weekday?
2. Which of the customer types brings the most revenue?
3. Which customer type pays the most in VAT?
4. What is the highest and lowest total sales recorded?
5. Which branch generates the highest total revenue?
6. How many invoices were generated for customer type "Member" and "Non-Member"?
7. Average Rating Provided by Male vs. Female Customers.
8. Proportion of Sales between "Member" and "Non-Member" Customers.

ADVANCED BUSINESS QUESTIONS

1. Branch with the Highest Number of Transactions for "Members".
2. Count payment methods and number of transactions by payment method.
3. Find different payment methods, number of transactions, and quantity sold by payment method.
4. Identify the highest-rated category in each branch. Display the branch, product line, and average rating.
5. Identify the busiest day for each branch based on the number of transactions.
6. Calculate the total quantity of items sold per payment method.
7. Determine the average, minimum, and maximum rating of categories for each city.
8. Calculate the total profit for each product line.
9. Determine the most common payment method for each branch.
10. Categorize sales into Morning, Afternoon, and Evening shifts.