Power Query Assignment-6A

Instructions

- Download the dataset from the given link and solve the following questions based on it - ⊠ sample_-_superstore.xls
- Load the data into PowerBI and perform the following Visualisation operations
- "use the first row as headers" in case fields of the dataset are in the first row in power query transformation.
- Each exercise will have a task description and a hint to guide you in completing the transformation.
- Make sure to read the dataset and field descriptions carefully to understand the context and requirements.

Solve the following questions -

1.Create a calculated column to calculate the profit margin percentage for each order.
Hint: Use the formula: [Profit Margin] = ([Profit] / [Sales]) * 100.

2.: Create a calculated column to determine if an order was profitable or not. Label the orders as "Profitable" or "Unprofitable" based on the Profit field.
Hint: Use the formula: [Profitability] = IF([Profit] > 0, "Profitable", "Unprofitable").

3.Create a calculated column to extract the year from the Order Date field.
Hint: Use the formula: [Year] = YEAR([Order Date]).

4. Create a calculated column to categorize the profit as either "High", "Medium", or "Low" based on the Profit field.

Hint: Use the formula: [Profit Category] = SWITCH(TRUE(), [Profit] >= 1000, "High", [Profit] >= 500, "Medium", "Low").

5.Create a calculated column to determine the number of days it took to ship each order.
Hint: Use the formula: [Shipping Days] = DATEDIFF([Order Date], [Ship Date], DAY).

6.Create a calculated column to determine if an order was placed during a weekday or weekend.
Hint: Use the formula: [Weekend Order] = IF(WEEKDAY([Order Date]) IN {1, 7}, "Weekend", "Weekday").

7.Create a calculated column to determine if an order had a discount applied.
Hint: Use the formula: [Discount Applied] = IF([Discount] > 0, "Yes", "No").