This is a practical exercise just for your own practice.

Now, let's start!

You have to use Sales\_data.xlsx which is attached here - <https://github.com/AtulKadlag/Marathi_DataAnalyst/blob/main/sales%2Bdata.xlsx>

The AVERAGEX function works just like the SUMX function. Sometimes you have to use the RELATED function as well.

**Question 1:**

What is the average price of our products?

Would you use the AVERAGE or AVERAGEX function?

Hint: The "amount" of sales is NOT considered, so each product is considered equally.

Answer: 3.88.

Average product Price = AVERAGE( products[price] )

**Question 2 (more difficult):**

What is the average profit of our sold products?

(not considering how many of these are sold, so that in average every product is just counted once)

Would you use the Average or AverageX Function?

Hint 1: Amount of sales should not be considered.

Hint 2: Work on the products table

Hint 3: profit = price \* profit margin

Answer: 0.78$.

Average profit = AVERAGEX(products,products[price]\*products[profit margine])

**Question 3:**

What is the total quantity of our sales?

Answer:  35377.

Sum of quantity = SUM( sales[quantity] )

**Question 4 (a bit more difficult):**

What is the total profit of our sold products?

Hint 1: SUM or SUMX?

Hint 2: Use the RELATED function.

Answer:  27.612,70$.

Total of profit = SUMX(sales, sales[price] \* sales[quantity] \* RELATED( products[profit margine] ))

**Question 5 (also a bit more difficult):**

What is the average tax amount we pay in our sales?

Hint: Use the RELATED function for the tax rate and the AVERAGEX function in the sales table.

Answer:  1.42$.

Average Tax amount = AVERAGEX(sales, sales[price] \* sales[quantity] \* RELATED(products[tax rate]))