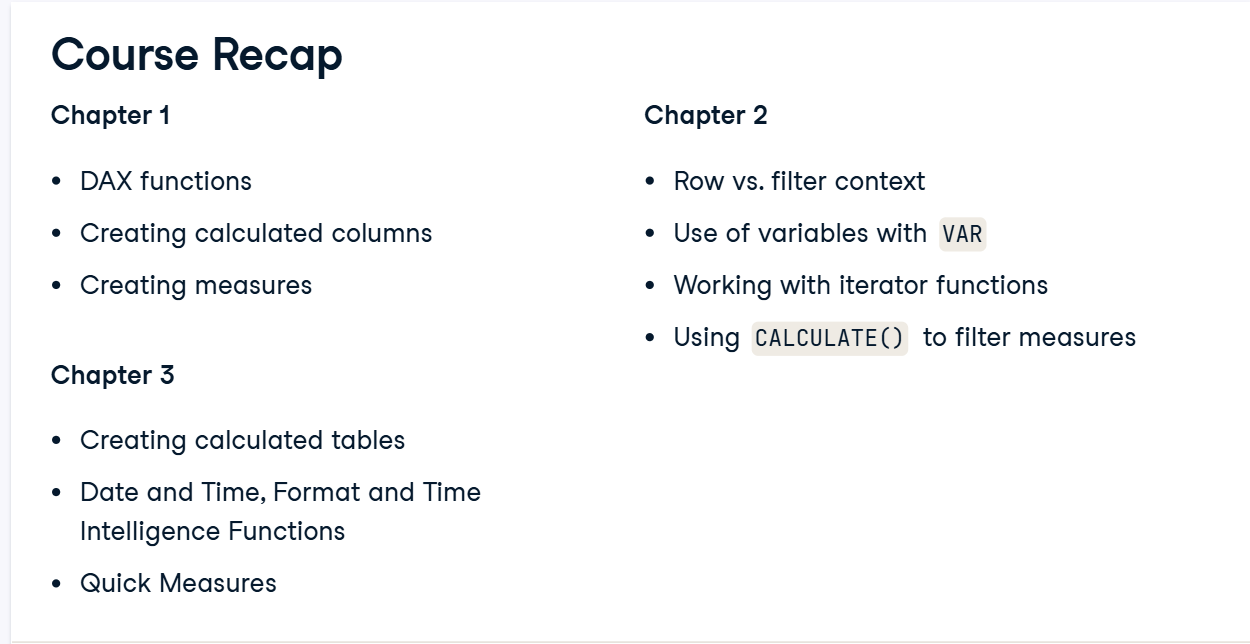
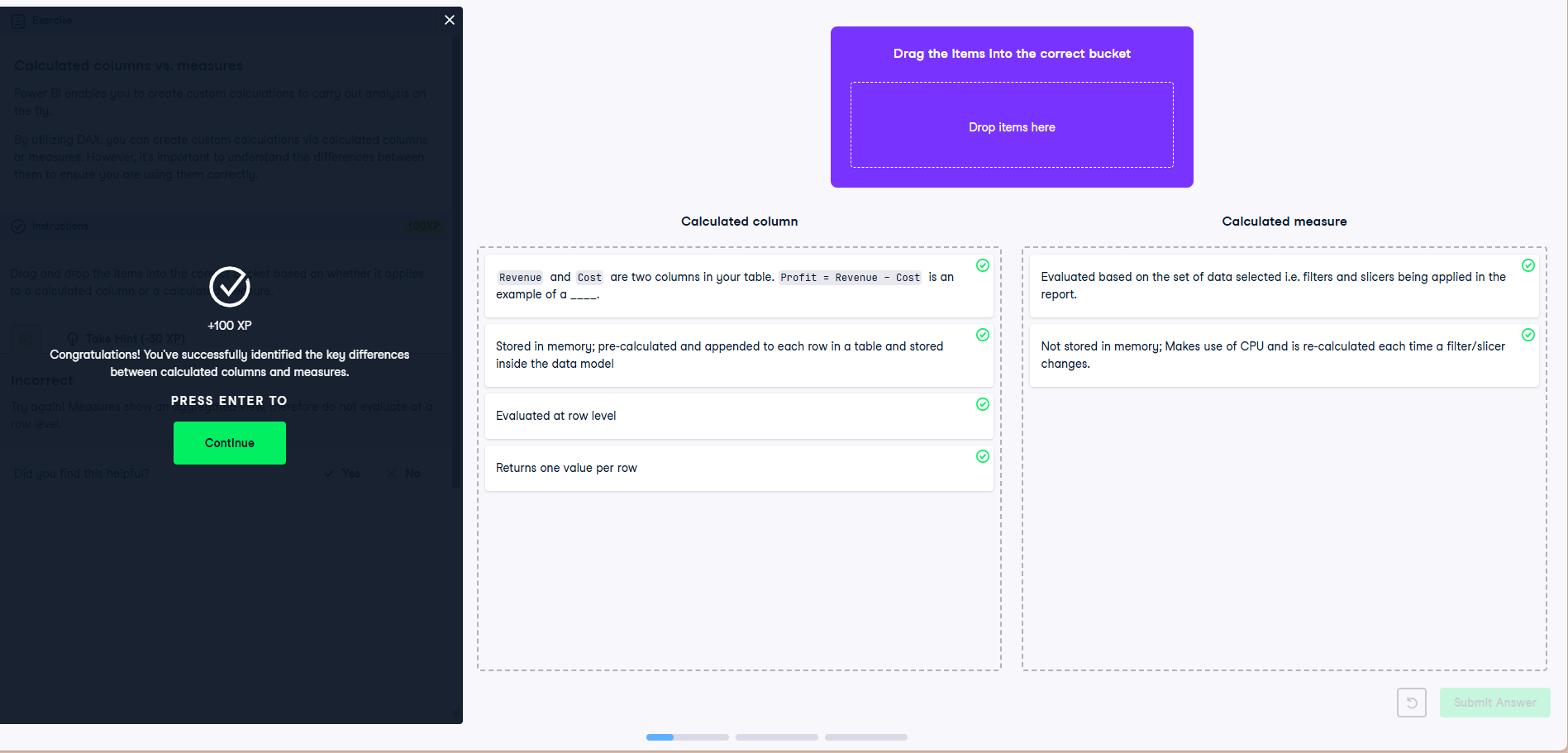
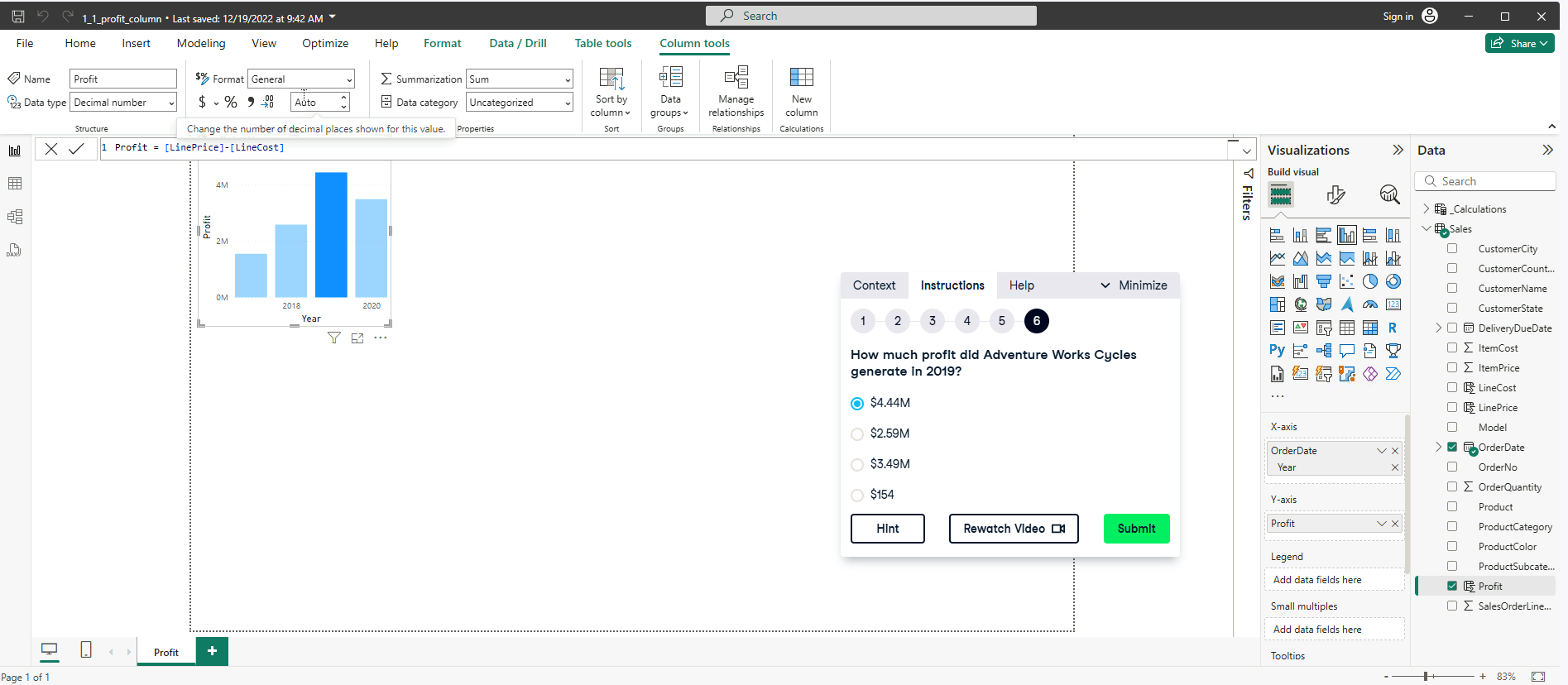
**Data Analyst in Power BI Data-Camp 2025**

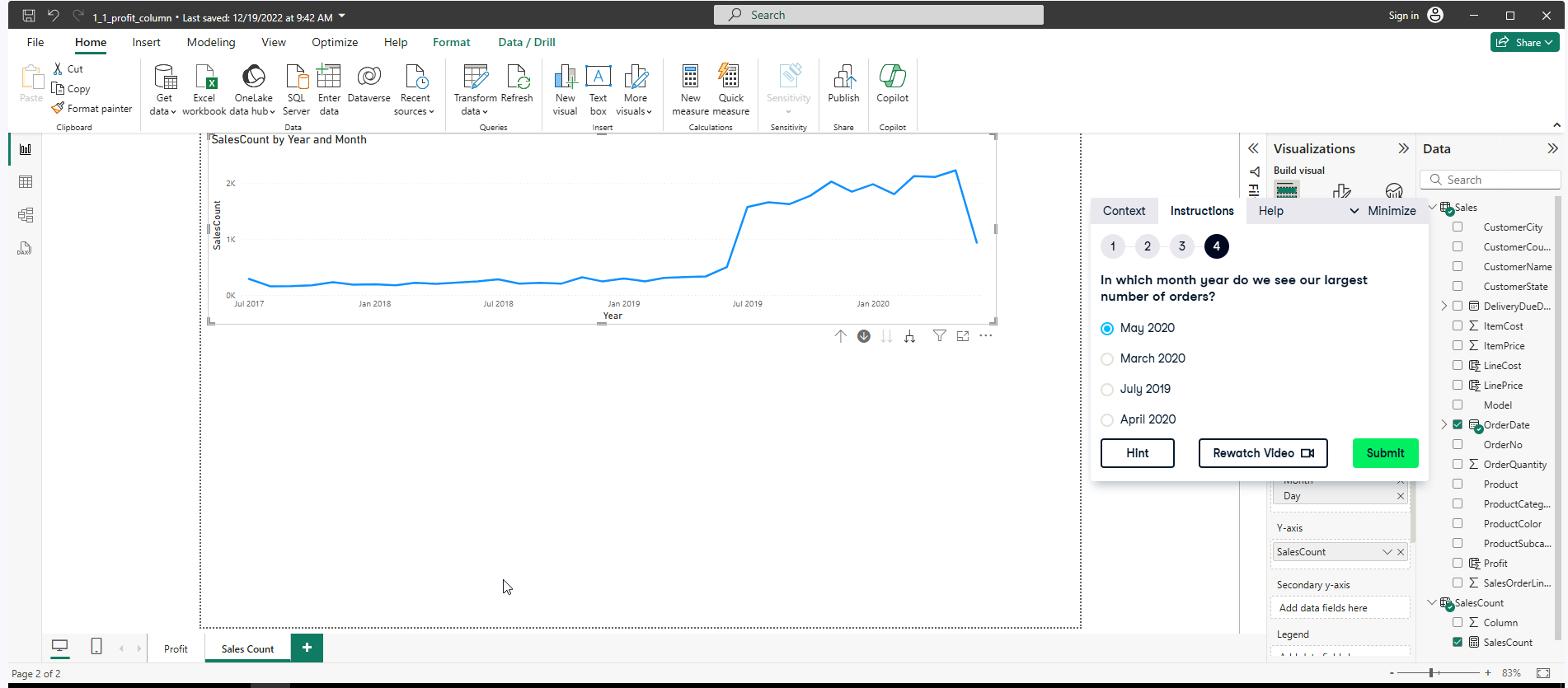
**Section 2: Introduction to DAX in Power BI**

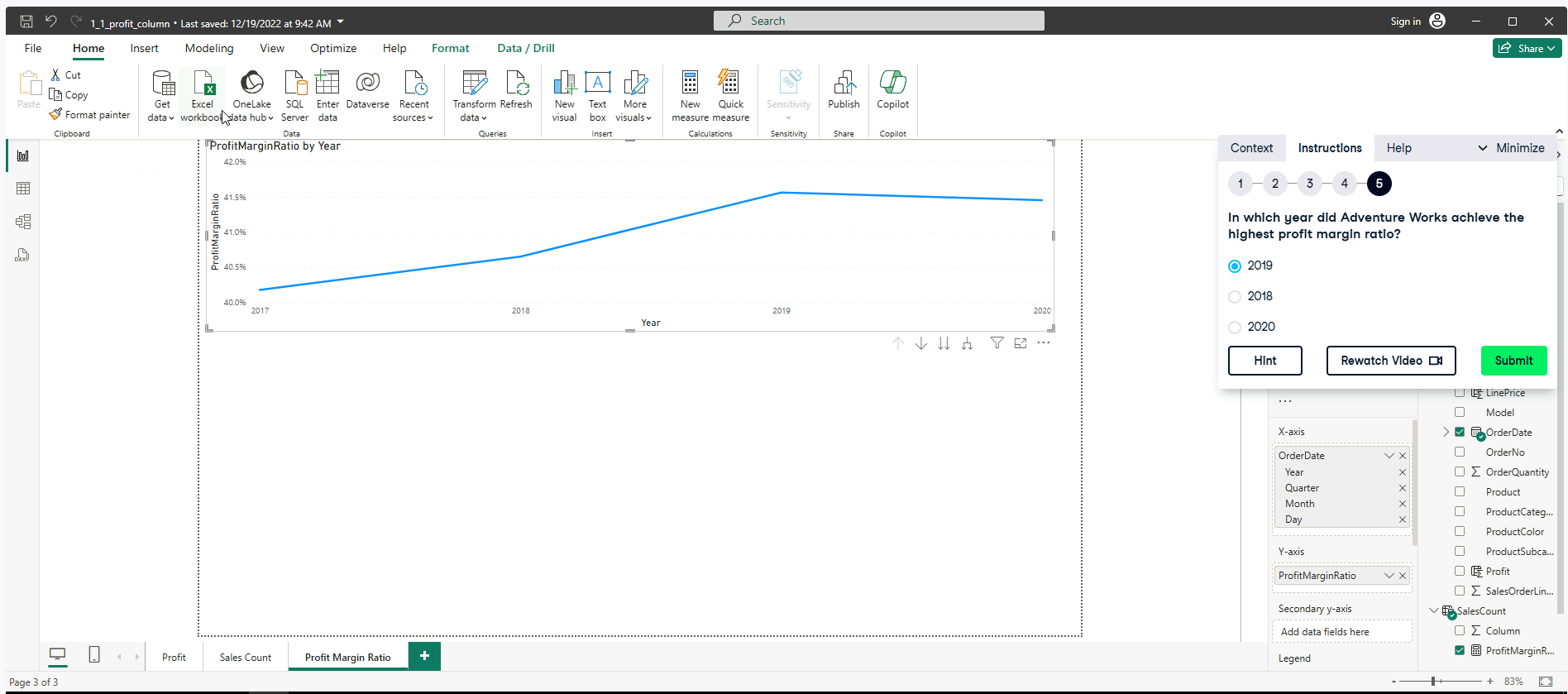
1. **Get Started with DAX**



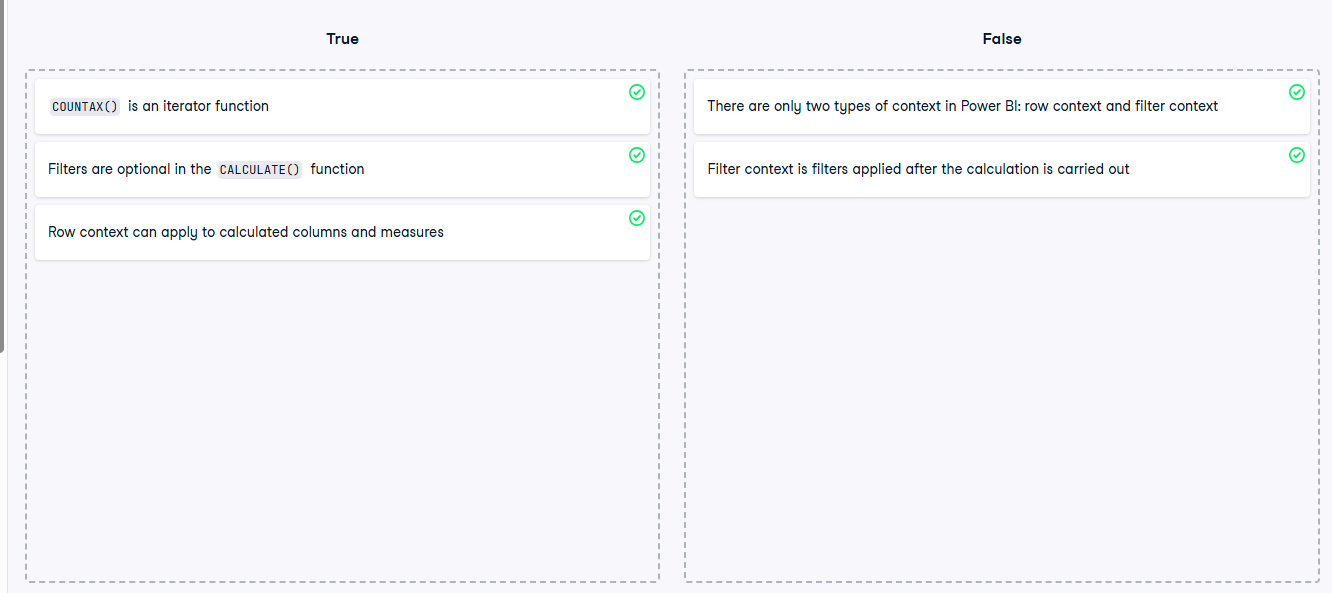
**Exercise 1.1**

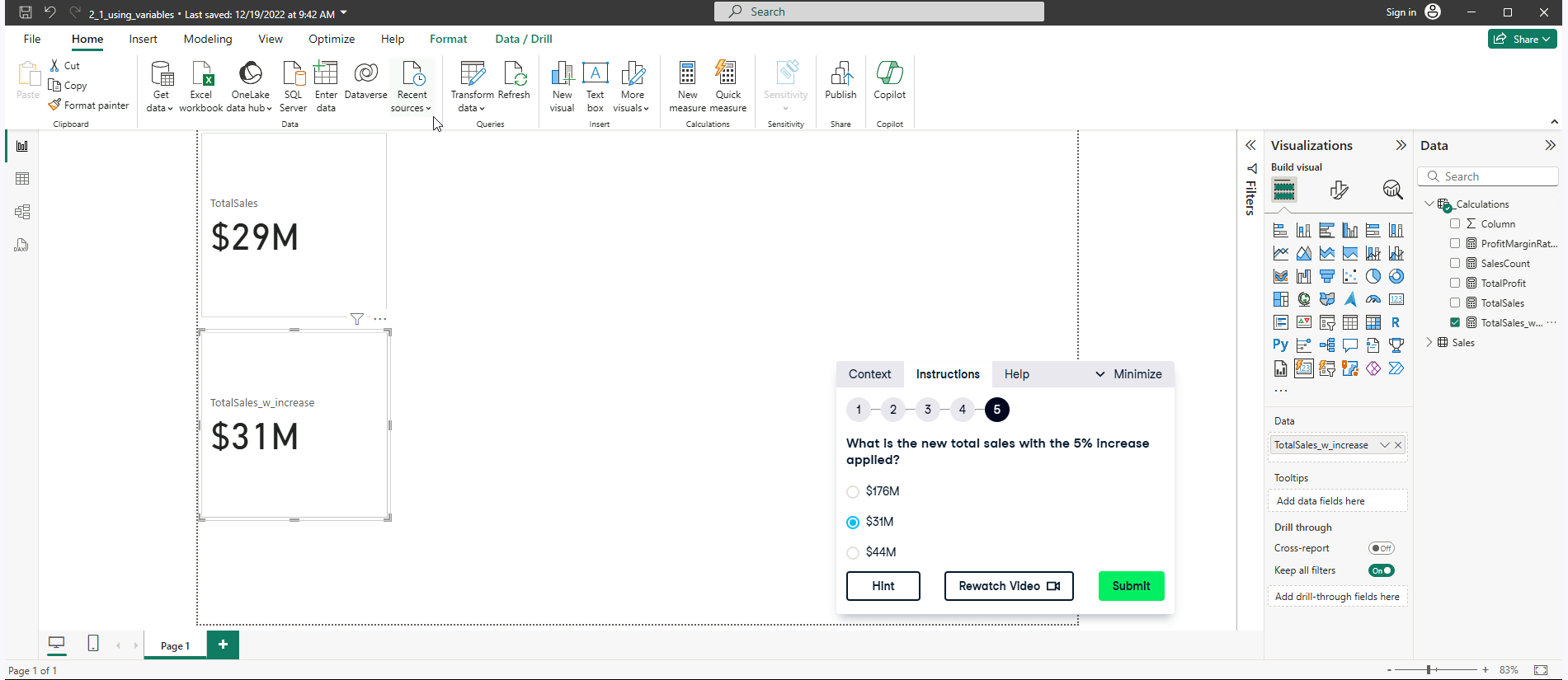
**Exercise 1.2**

****

**Exercise 1.3**

1. **Context in DAX Formulas**

****

**Exercise 2.1**

**A simple "What-if" or Margin/Forecasting Calculation** measure.

Measure =

VAR increase = 0.05

RETURN 'Calculations'[TotalSales] + ('Calculations'[TotalSales] \* increase)

**Exercise 2.2 A screenshot of a computer

AI-generated content may be incorrect.**

Main takeaways:

Calculates the arithmetic mean of a **column**.

AVERAGE(<column>)

Calculates the arithmetic mean by **evaluating an expression for each row** in a table and then averaging the results.

AVERAGEX(<table>, <expression>)

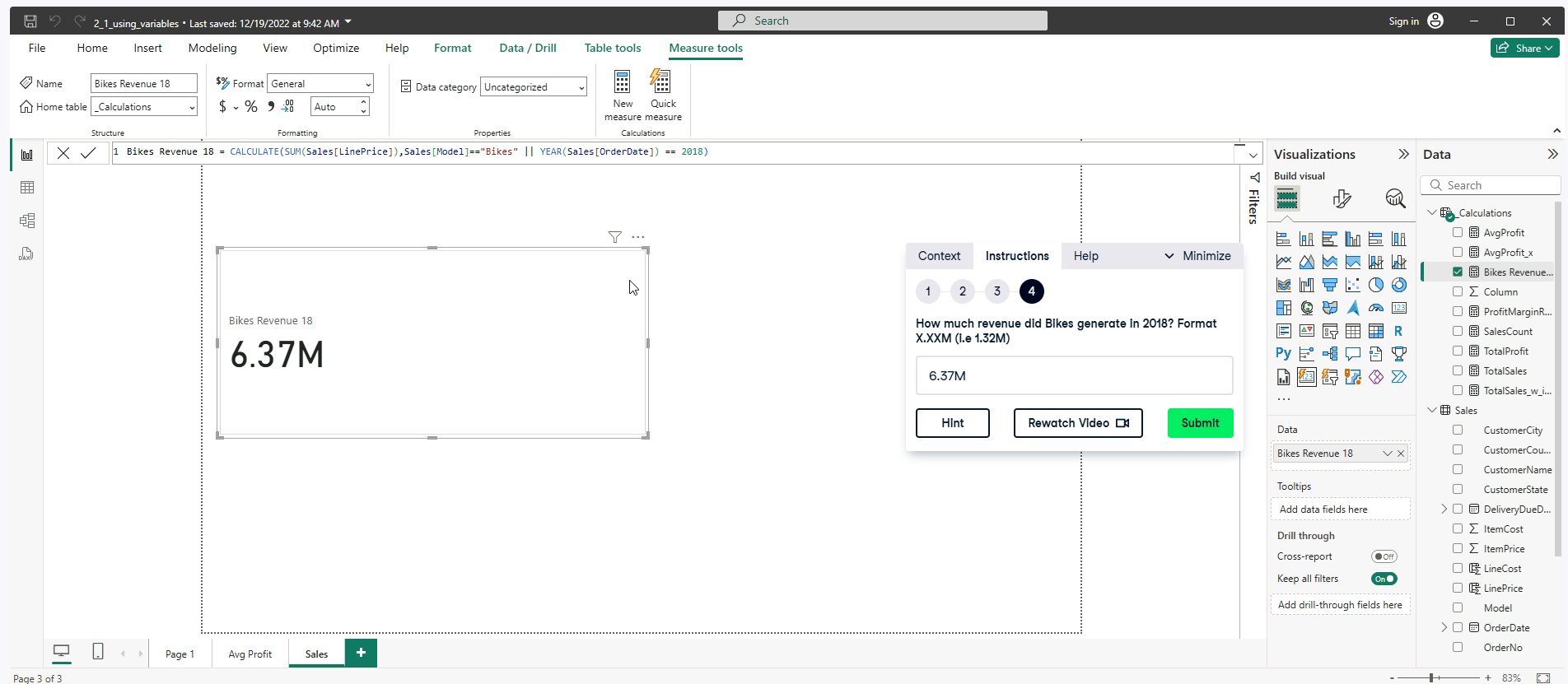
| **Feature** | **AVERAGE()** | **AVERAGEX()** |
| --- | --- | --- |
| Input | A single column | A table and an expression |
| Calculation Method | Direct average of column values | Row-wise evaluation, then average |
| Flexibility | Less flexible | Very flexible for calculated expressions |
| Performance | Generally faster | Slightly slower but more powerful |

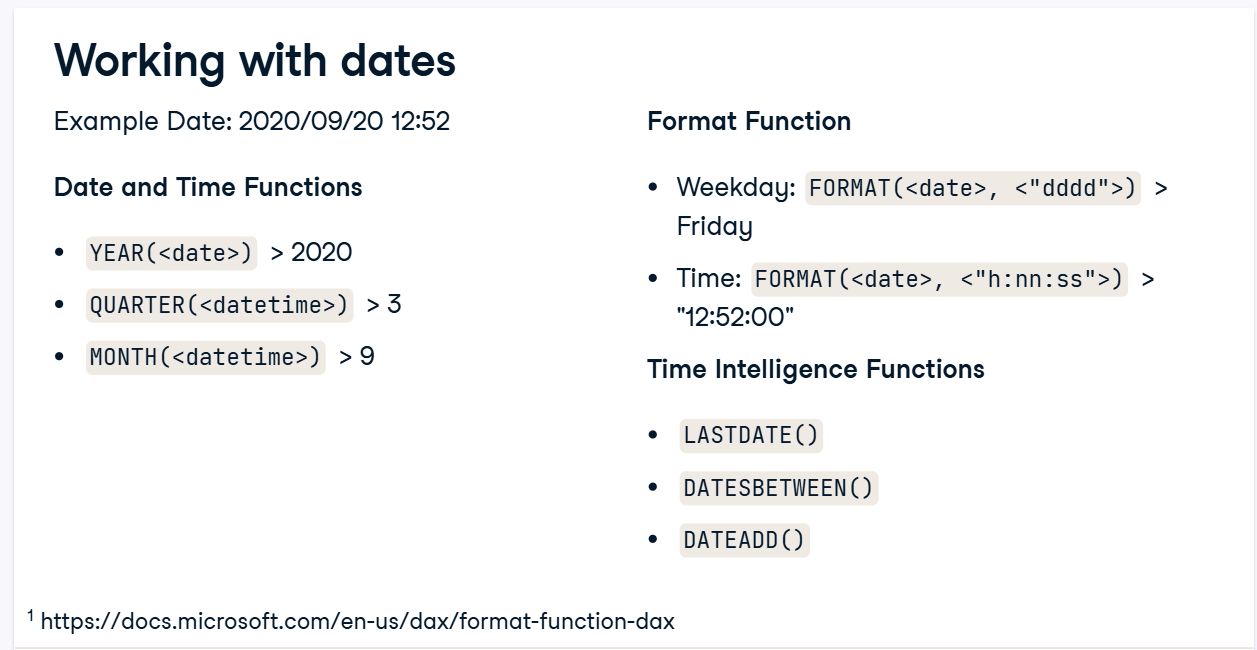
**Exercise 2.3**

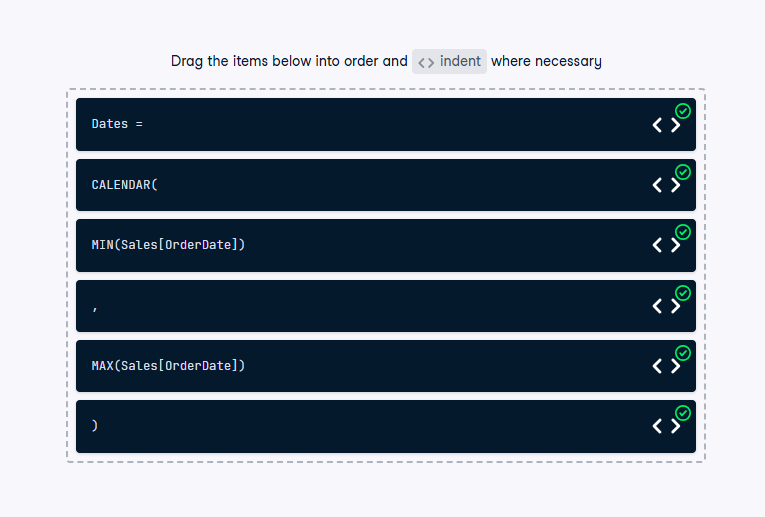
**Understanding the CALCULATION FUNCTION**

**NOTE || is AND**

[**CALCULATE function (DAX) - DAX | Microsoft Learn**](https://learn.microsoft.com/en-us/dax/calculate-function-dax)

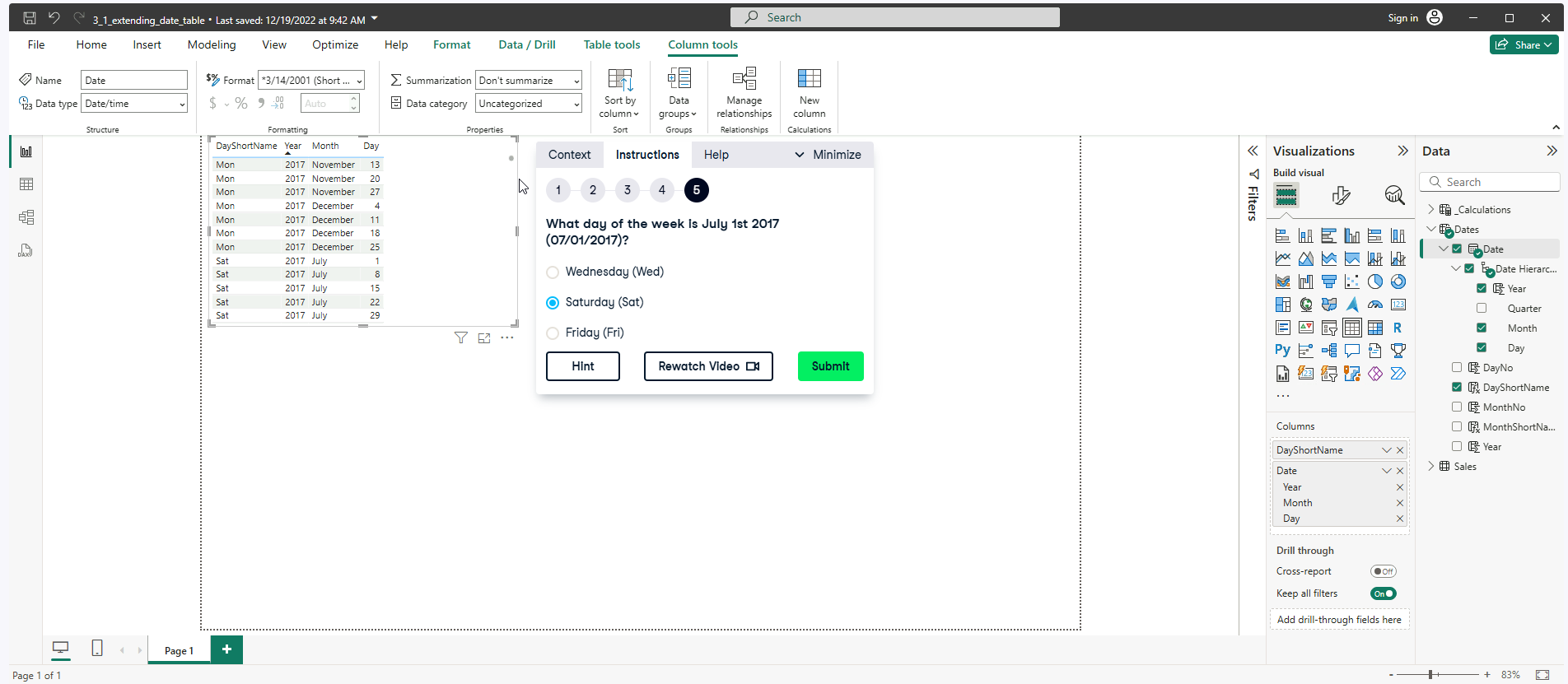
[**Filter Arguments in CALCULATE - SQLBI**](https://www.sqlbi.com/articles/filter-arguments-in-calculate/)****

**Working with Dates**

****

**Exercise 3.1**

[**CALENDAR function (DAX) - DAX | Microsoft Learn**](https://learn.microsoft.com/en-us/dax/calendar-function-dax)

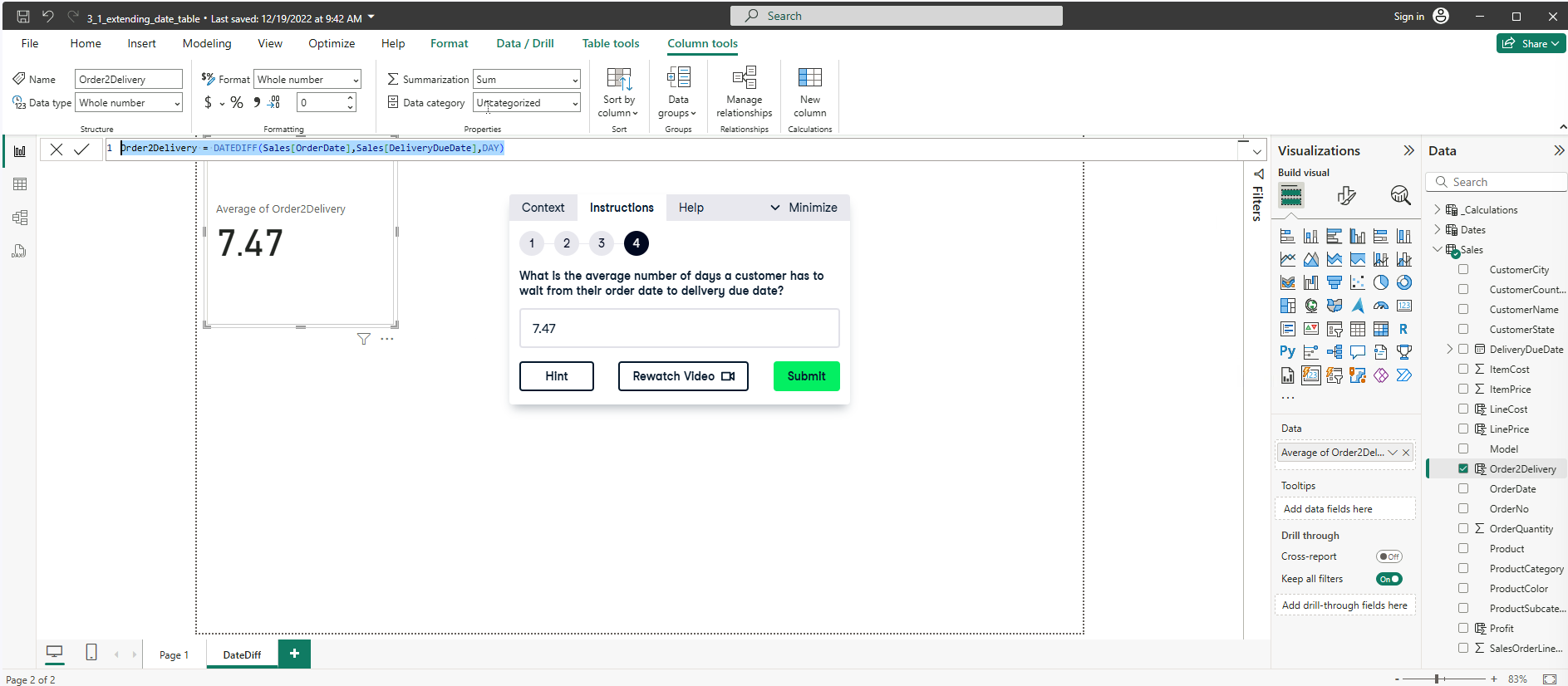
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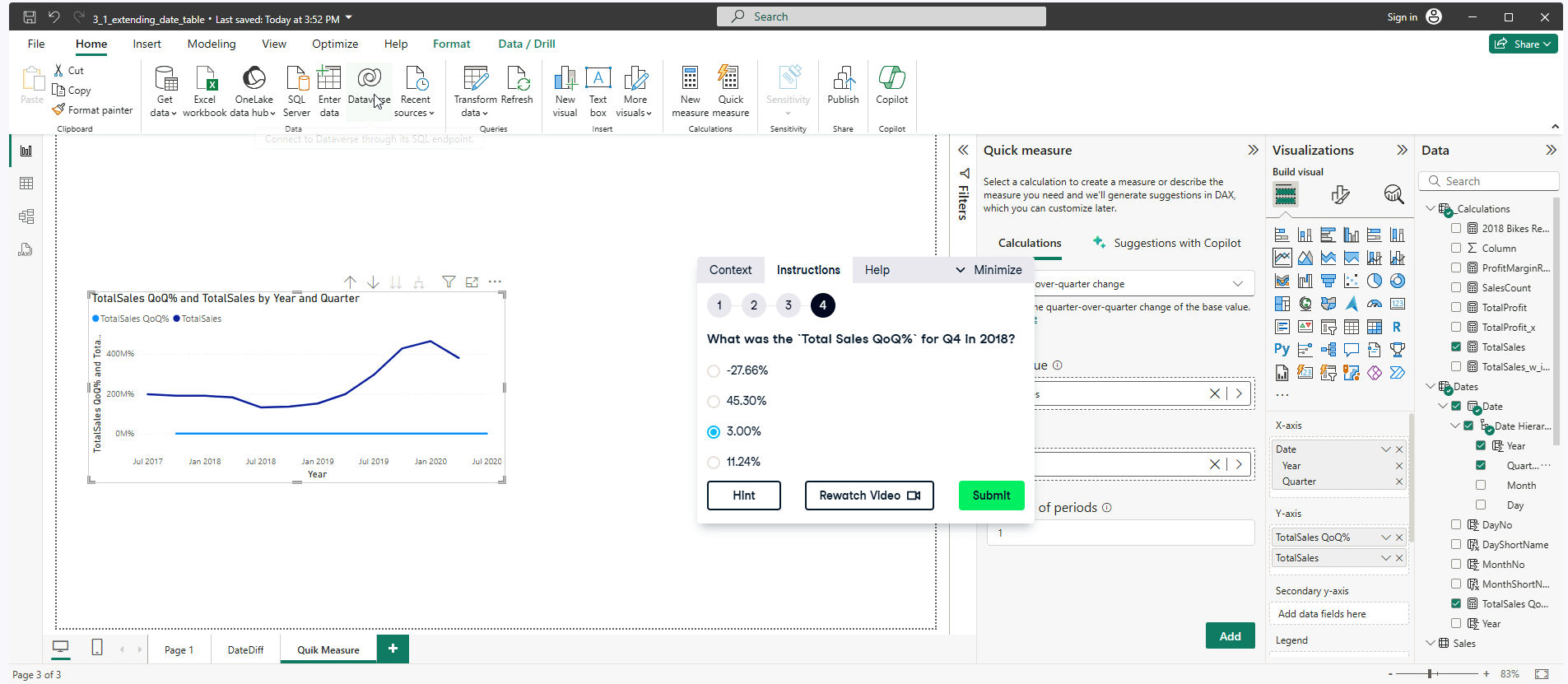
**A screenshot of a computer

AI-generated content may be incorrect. Format function () seen above.**

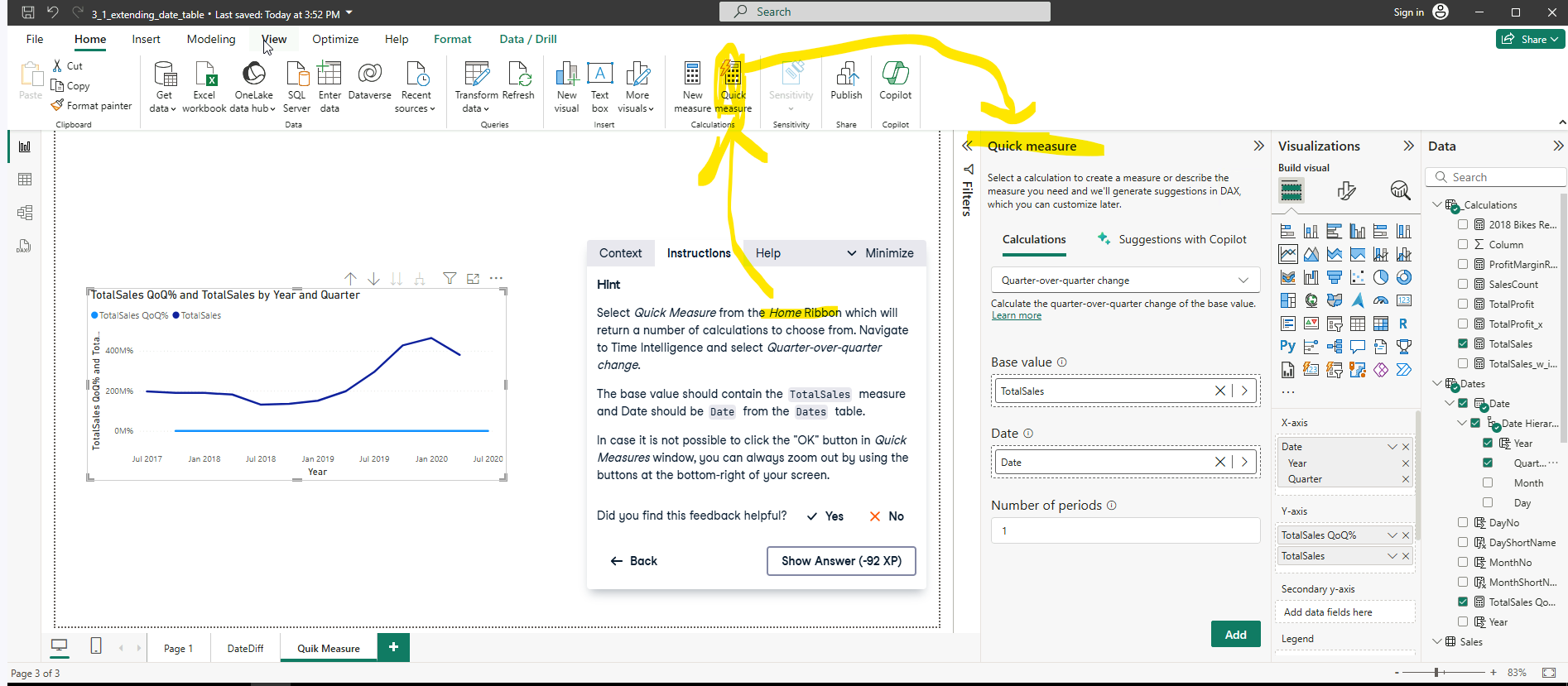
**Exercise 3.2**

**Order2Delivery = DATEDIFF(Sales[OrderDate], Sales[DeliveryDueDate],DAY)**

****

**Exercise 3.3**

**Understanding the quick measure.**

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