## Exercise 1:

**Learning Objective**

Add new data to an existing dataset using a macro

**Context**

Recording is the foundation a creating a macro, but it needs cleaning and potential adjustment when new data needs to be included. When executed properly, it is a kickstart into developing automation of repetitive tasks in the following lessons.

The Food truck company wants to include 1 more day of data to the dataset.

**Steps to be executed by the student:**

Step 1: Clean up the syntax by removing unnecessary lines (hint: there are 4 to remove!)

Step 2: Refer the syntax to the daily data file of August 26 instead of August 25

Step 3: Change row numbers, as now the data needs to be added on row 138 instead of row 103

Step 4: Run the code and check if the dataset has behaved as you expected

**Exercise question:**

On what time starts “Wine time” on August 26?

**End goal:**

The right answer is 19:30

A table with numbers and symbols

Description automatically generated

## Exercise 2:

**Learning Objective**

Add a small correction to the macro syntax

**Context**

Corrections are sometimes necessary. When done manually, they can be forgotten, but when included in a macro, the correction will be applied automatically.

Unfortunately, there was a big order missed by the Food truck company’s cashier system. Three times! On 26 august on 18:45, 19:00 and 19:15 the wine sales were exactly 600 euro more than the data shows now. As the daily data file cannot be changed, we want to add a piece of code that corrects this after loading the data.

**Steps to be executed by the student:**

Step 1: Push the record button to record your changes

Step 2: Replace the values of 3 datapoints so that it is showing the right wine sales in euro

Step 3: Stop recording and look at the created syntax

Step 4: Inspect the code and copy paste it to the syntax of exercise 1

Step 5: Run the full code to check whether it worked

**Exercise question:**

Now the data has been corrected: on what time starts “Wine time” on August 26?

**End goal:**

The right answer in 19:00

A table with numbers and symbols

Description automatically generated