

Learn Coding

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0.1 Spreadsheet exercise

- import the `data/biostats.csv` file into a spreadsheet
 - transform measures to the IS (meter and Kilogram) system
 - compute averages for each vital measure
 - extra: parallel averages for male/female population
 - submit via the Teams channel
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0.2 From cells to variables

1. each value in the spreadsheet has a *cell address (cell name)*
2. operations are defined abstractly with cell names
3. those cell names are *variables* in programming languages

1 What is a variable?

A vessel for data/operands

Consists of three elements:

1. a symbolic name, e.g., `A5` or `my_temperature`
2. a value, e.g., `36` or `'very hot'`
3. a type, e.g., integer or string of characters