

Coursework

Where should you be?

T. Cragolini - 17/02/2025

Checklist

- Did you choose a project?
- Did you make a plan ? (What will you need to do) ?
- What library will you use?
- Did you make a project folder? (And subfolders?)
- Did you make a readme?
- Did you initialise your repo with git?
- What functions will you write?
- What code can you take inspiration from?

Project data

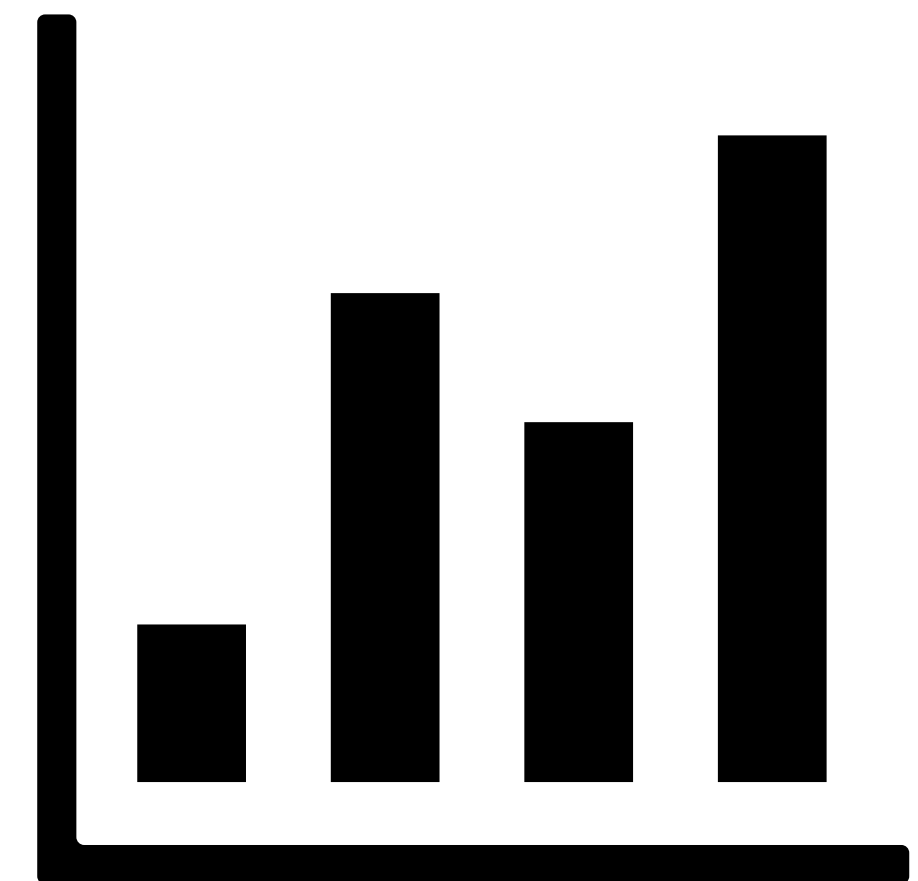
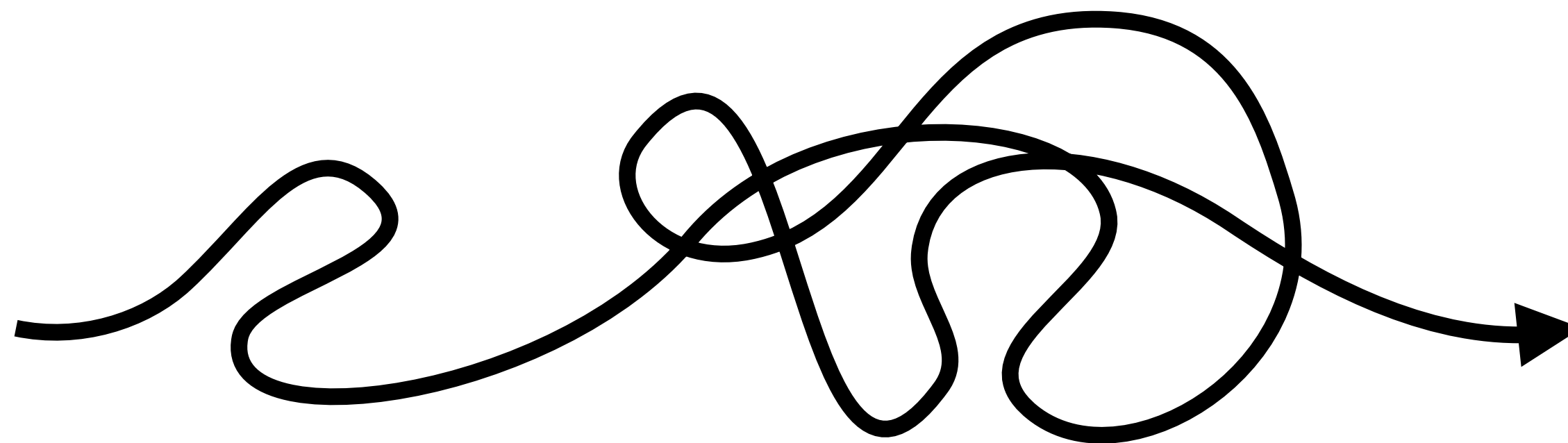
- Coursework project data is now available, in the `coursework_data` subfolder

Choosing a project

- Just pick one!
- Choose the one that you find more engaging
- Choose based on libraries you find easier to use
 - For DNA: Biopython
 - For particles: numpy, scipy
- Take a look at the data and the first coursework pdf, and see which one 'clicks' with you

Making a plan

- You start with data: matrices, sequences, ...
- You need to provide an output: text, graphs, etc...
- What steps are needed to go from one to the other?



Writing stuff

- Your project will contain:
 - Folders containing data, code, results, etc...
 - Files containing the code, the data, etc...
 - Preferably, stored in subfolders
- Make a folder, and get started!