

# Python workflows

## Script + terminal

write/update the code with your favourite text editor

run the code within the terminal: the entire code will be re-run from the start

plots are shown in interactive windows and/or are saved in pdf/png files

Recommended for big, complex codes made of multiple scripts, and for code reuse/portability

## interactive shell

write single commands line by line

the code is run as it is typed

plots are shown in interactive windows and/or are saved in pdf/png files

Good for quick data exploration and visualization. Only for very simple pieces of code with few or no function and class definitions.

## Jupyter notebook

write code in cells

execute each cell separately or in sequence

plots are shown inline

Good for data exploration and visualization, and to create rich documents with code and text (to be used as pedagogical or demonstrative examples). Not good for complex, highly structured codes.