

Versions of Python

Two Main Versions of Python

- ▶ Version 2.7
- ▶ Version 3

Python Coding Conventions

There are a number of common practices which can be adopted to produce Python code which looks more like code found in other modules:

- ▶ Use 4 spaces to indent blocks avoid using tab, except when an editor automatically converts tabs to 4 spaces
- ▶ Avoid more than 4 levels of nesting, if possible
- ▶ Limit lines to 79 characters. The `\` symbol can be used to break long lines
- ▶ Use two blank lines to separate functions, and one to separate logical sections in a function.

Python Coding Conventions

- ▶ Use ASCII mode in text editors, not UTF-8
- ▶ One module per import line
- ▶ Avoid `from module import *` (for any module). Use either `from module import func1, func2` or `import module as shortname`.
- ▶ Follow the NumPy guidelines for documenting functions