

Natural Computing

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Crash Course Python for Programmers

Obvious Points

- *interpreted language*
- *indentation matters*
- *dynamic typing*

Setup

- installation and versions
- virtual environments
- package management: pip

Data Types

- list, dict, etc. — and comprehensions
- first-class functions: lambda

OOP

- what is “self” and why?
- first-class classes....
- constructors and magic methods
- visibility etc.
- inheritance

Libraries

- *import*
- *famous libraries*

The Zen of Python

import this

