



We're the free and open source technology experts.

Our courses feature experienced tutors and small class sizes. We can tailor any course to meet your specific requirements.

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Python Introduction for Developers

Course details

Duration: 1 day

Cost: \$760 (ex gst)

To register email: training@catalyst.net.nz

About the course

Python was designed with a simple syntax. Clean, readable code is the norm in Python, not the exception.

Join us and discover why we like Python. This course covers basic syntax and the Python ecosystem, with special emphasis on features that may be surprising to non-Python developers.

Course Outline

- Python as a Language
- Data Types (numbers, strings, lists, dictionaries, tuples, misc)
- Conditionals
- Simple Functions
- Names and Values
- Scope
- Loops
- Idiomatic Python
- Why Python – benefits & use cases
- Gotchas
- Modules
- Exceptions
- Classes/objects
- Standard library
- Selection from i) string formatting mini language ii) packaging, iii) more advanced classes/objects
- Practical worked exercise

Note: These are the topics normally covered but might alter slightly depending on the needs of the attendees.

Target Audience

Those who already program in other languages and want to learn how Python works and what can be done with it.

Prerequisites

Familiarity with at least one other programming language is required.