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## Python Introduction for non-Programmers

### Course details

Duration: 1 day

Cost: \$760 (ex gst)

To register email: [training@catalyst.net.nz](mailto: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.

This training session will introduce you to Python syntax and philosophy. You will learn about Python, and have plenty of opportunity to put it into practice. If you have little to no prior experience in programming this course is for you.

By the end of the course you will be able to write some basic Python scripts, and have a good understanding of the principles of Python, which makes it easier to learn further Python skills.

### Course Content

- Programming – myths and realities
- Why programmers must be particular
- Hands-on Python
- Numbers
- Basic rules of writing code (syntax)
- Text
- Other data types
- Setting conditions (if this do that, etc.)
- Simple functions
- Why Python – benefits & use cases
- Loops
- Standard library
- Reading code
- Gotchas
- 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 have little or no prior programming experience, but want to learn to write some basic Python scripts.

### Prerequisites

There are no prerequisites for this course – just enthusiasm.