Introduction to Python

2 day training course







Course contents

This course will cover the following topics. Those marked with (*) will be covered if time allows.

Basic coding

- Python variables
- Testing conditions
- Printing and f-strings

Visual Studio Code

- Installing extension
- Configuring settings
- Useful short-cuts

Running and debugging

- The code runner extension
- Stepping through code
- Setting breakpoints

Ranges and loops

- WHILE loops
- Breaking out of loops
- Ranges of numbers

Working with modules

- Installing modules using PIP
- System modules (OS and SYS)
- Maths functions (MATH)

Sequences

- Tuples versus lists
- Iterating over sequences
- Slicing sequences
- Joining and splitting

Manipulating lists

- Adding/removing items
- Sorting lists
- Shallow and deep copies

Files and folders

- Reading and writing
- Using WITH
- Looping over lines
- Looping over folders using GLOB

Error handling (*)

- The try clause
- Handling exceptions

Working with data types (*)

- Manipulating strings
- Numbers and Booleans
- The DATETIME module

Pre-requisites for Introduction to Python course

You don't need to have had any programming experience to attend this course (particularly if you find creating formulae in Excel easy or enjoyed maths at school).

Prices

Venue	Address	Price per place
London	Landmark, 99 Bishopsgate, London EC2M 3XD	£1,425 per person + VAT
Manchester	Holiday Inn, 25 Aytoun Street, Manchester M1 3AE	£1,050 per person + VAT
Online	Your home or office!	£875 per person + VAT

Scheduled Dates

Dates	Venue	Times	Price per place	Booking
Thu/Fri 28-29 January 2027	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 04-05 February 2027	Manchester	09:30-16:30	£1,050 + VAT	Book this
Tue/Wed 16-17 February 2027	London	09:30-16:30	£1,425 + VAT	Book this
Tue/Wed 09-10 March 2027	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 08-09 April 2027	Manchester	09:30-16:30	£1,050 + VAT	Book this

If you can't see the dates that you want, ask us about organizing a customized course at your office (we'll provide and set up the computers), or else an online course tailored to your needs.