

Python: Object-Oriented Script Language - Face-to-Face Training

Objectives

The Python training provides a well-founded basis for programming with Python, from complex data type handling to object-oriented Python programming and essential Python libraries in theory and practice.

Numerous practical exercises help you get familiar with the language and the efficient development and testing of programs.

The Python training covers the principles of all issues related to professional software development using Python. It is based on Python 2 practice but also highlights the changes through Python 3, facilitating a smooth transition to Python 3.

Participants

The Python training addresses software developers with programming experience.

Requirements

Programming knowledge; basic knowledge of C/C++ or Java and of a script language are an advantage for attending the Python training.

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Content

Python Basics

- First steps with Python
- Types and operators
- Control flow functions
- Functional programming with Python
- Modules and packages
- Input and output interfaces
- Object-oriented programming
- Things you should know about Python

Object-Oriented Programming with Python

- Introduction
- Details
- Classes and objects
- Operator overload
- Methods
- Introspection

Design

- Composition
- Delegation
- Multiple inheritance
- Comparison: C++, Java and Python

FACE-TO-FACE TRAINING

Price *	Duration
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- 3 days

Training code: E-PYTHON

* Price per attendee, in Euro plus VAT

Face-To-Face - German

Duration

3 days

Live Online - German

Date	Duration
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19.01. – 21.01.2026	3 days
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Coaching

Our coaching services offer a major advantage: our specialists introduce their expertise and experience directly in your solution process, thus contributing to the success of your projects.

We will be happy to provide you with further information or submit a quotation tailored to your requirements.