

## 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**

- 3 days  
Training code: E-PYTHON  
\* Price per attendee, in Euro plus VAT

**Face-To-Face - German**

<b>Date</b>	<b>Duration</b>
21.09. – 23.09.2026	3 days

**Live Online - German**

**Duration**  
3 days

**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.