Training: Python Academy
Python For Non-Programmers

TRAINING GOALS:

The basics of programming are explained systematically using **Python**.

CONSPECT:

- Comparison of different contemporary programming languages in terms of functionality, application as well as advantages and disadvantages
- Data types, values, and variables
- Expressions and statements
- Operators
- Functions
- Flow of control
- Loops
- Strings
- Lists, tuples
- Dictionaries
- Handling of files
- Object orientation
  - Classes
  - Methods
  - Inheritance
  - Polymorphism
- Programming praxis
  - Development environments
  - Debugging
  - Types of development

All topics are introduced with examples. Each topic is immediately applied in computer exercises.

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REQUIREMENTS:

- This course is designed for participants without any prior programming experience.
- Prerequisites are only some experience with an operating system and a general understanding of common computer task such as office software or similar applications.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Python Academy.

TRAINER:

Authorized Python Academy Trainer.

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