

Category: Programming

Digi2Cloud-Python: From Zero to Hero - Intensive #080202

Das Training findet sich in Englisch täglich vom 08:30 bis 17:00 statt.

Trainings-Dauer: 08.06.2026 bis zum 19.06.2026

Das komplette Training findet sich am Ort in Circle 6 am Zürich Flughafen statt.

Ziel Publikum:

Anfänger und Quereinsteiger

Anforderungen

No previous knowledge required

Key Learnings

- Introduction to Python & Development Environment
- Variables and Data Types
- User Input and Basic Operations
- Control Flow and basic logic
 - Loops
 - If /elif / else
- Functions
- Error Handling and Debugging
 - Syntax Errors
 - Try / Except / Finally
- Basic Data Structures
 - Lists, Dictionaries, Tuples
 - JSON
- Writing Modular Code & Importing Modules
- Basic Algorithms
- File Handling – Working with Files and Directories
- Introduction to OOP – Classes and Objects
 - Class Methods and Attributes
 - Inheritance
- Introduction to RESTful APIs
 - Python's `requests` library
 - Handling API responses (JSON parsing)
 - Error Handling in API Calls
- Working with External Libraries
 - Installing packages with `pip`
 - Using libraries like `datetime`, `random`
- Build your Own Python Project

Content

	Digi2Cloud-Python: From Zero to Hero
	Modules of intensive Programm:
1.	Python Fundamentals
2.	Functions, Debugging, and File Handling
3.	Data Structures – Lists, Dictionaries, Tuples
4.	Working with Data & Advanced Python Concepts
5.	Working with APIs & External Libraries
6.	Object-Oriented Programming (OOP)
7.	Working on a Python Project
8.	Project Presentations & Course Wrap-Up