Entry into Programming with Python (PYTHON01)

ID PYTHON01 **Price** CHF 2,295.—(excl. VAT) **Duration** 3 days

Who should attend

IT affine people who are looking for an introduction to programming.

Prerequisites

Basic PC knowledge

Course Objectives

You can independently develop and maintain simple scripts.

Course Content

One: What is Python?

2. First Steps

- Arithmetic operations
- First program
- Save and execute

3. Programming Basics

- Variables and Operators
- Branchings
- Grinding
- Errors and exceptions
- Functions

4. Data Types

- Numbers
- Strings
- Lists
- Dictionaries
- Quantities, sets

5. Advanced Programming

- Output and formatting
- Errors and exceptions
- Functions
- Own modules
- Command line parameters

6. Various Modules

- Date and time
- Regular expressions
- Loading new modules

7. Files

- Writing to files
- Reading files

8. Internet

- Reading web pages
- Copying web pages
- Send data by GET and POST

9. Databases

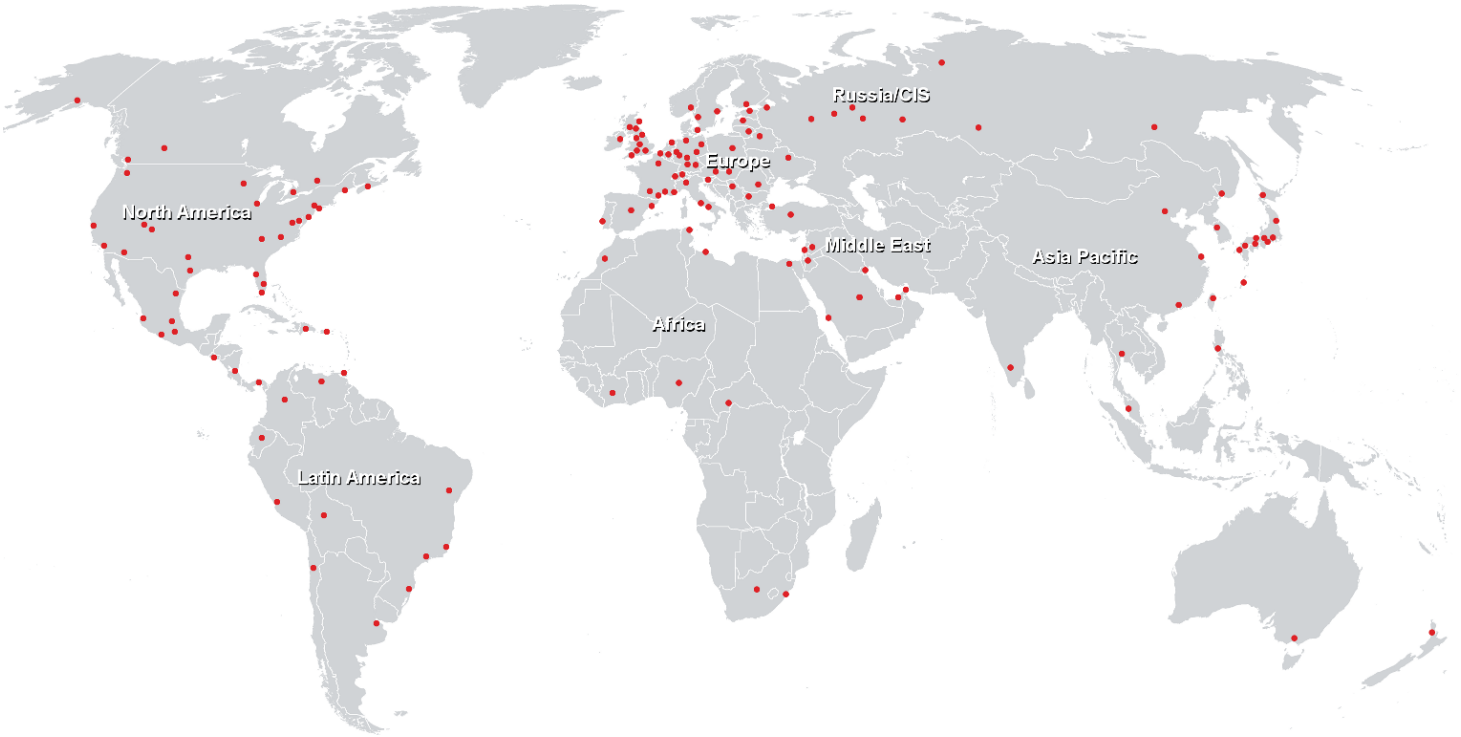
- Create databases, tables
- import data
- Select data
- alter data
- remove data

10. User Interface

- Introduction to the programming of graphical user interfaces

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