TRAINING
Python

LEARNING OBJECTIVES
- Understand the fundamentals of the Python language and its programming logic
- Be able to write simple scripts and automate tasks
- Manipulate data with Python
- Develop concrete projects adapted to business needs

TRAINING DURATION
2 days (14 hours)

TARGET AUDIENCE
Digital, data and development professionals

PREREQUISITES
None

ACCESS TIME
Eligibility based on application and interview with the Experience team: response within 48 hours.

PRICE
- Inter-company training: €1,780 excl. VAT per person
- Intra-company / tailor-made training: on request

Crews Education

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DETAILED PROGRAM

- Introduction to Python
    - Overview of the language and its use cases
    - Installing the environment (Python, IDE, notebooks)
    - First scripts and program structure
- Programming fundamentals
    - Variables, data types and operators
    - Conditions, loops and functions
    - Code readability and best practices
- Data manipulation
    - Lists, dictionaries and tuples
    - Reading and writing files
    - Introduction to libraries (Pandas, NumPy)
- Automation with Python
    - Simple automation scripts
    - Data processing, scraping, file generation
    - Connecting to APIs
- Business use cases
    - Python for marketing, data or project management
    - Basic data analysis
    - Creating small internal tools
- Structuring and best practices
    - Organising code into modules
    - Error handling
    - Introduction to version control (Git)
- Practical workshop
    - Creating a script or a mini-project
    - Solving real-life use cases based on participant profiles
    - Presentation and collective improvement

CAREER OPPORTUNITIES, PATHWAYS AND FOLLOW-UP COURSES

At the end of the training, learners will be able to write Python scripts, automate repetitive tasks, manipulate data and build a foundation to move towards more advanced development or data projects.

TEACHING METHODS, RESOURCES AND SUPPORT

- Training delivered by professionals actively working in the digital field
- Varied and dynamic teaching methods (case studies, workshops, assignments)
- Individual support by the Experience team

TRAINING TOOLS

- High-performance digital tools: Google Workspace for Education, Edusign…
- Practical case studies based on real-life business situations

EVALUATION METHODS

- End-of-training assessment via quiz or project submission

RESULTS AND PERFORMANCE INDICATORS

- Satisfaction rate at the end of training: NA
- Individual progress rate: NA

ACCESSIBILITY

Accessibility for people with disabilities or specific difficulties, contact us to organize an interview and offer you a program adapted to your needs: handicap@crews-education.com

Accessibility to international attendants, contact us: international@crews-education.com

CONTACTS

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