Python Awareness for All

Cursusduur: 1 Dag   Cursuscode: GK821627

Beschrijving:

Understand how Python can be used in various domains, and how to write simple Python scripts.

This 1-day course is designed for anyone looking to get started with Python and who would benefit from an overview of Python's utility in specific domains and job roles, including: Programmers System Administrators Network Administrators and Engineers Back-end developers Front-end developers Recent Graduates

This course introduces you to the basics of writing and running simple Python scripts, including how to use operators in order to write simple control flow statements.

Doelgroep:

This course is an appropriate introduction to anyone looking to get started with Python, including experienced developers interested in understanding how Python can be utilized in specific domains and job roles. Programmers System Administrators Network Administrators and Engineers Back-end developers Front-end developers Recent Graduates

---

Doelstelling:

- **After completing this course you should be able to:**

- Understand the evolution, features, and real-time purpose of Python

- Recognize the role of python in various fields and learn how Python helps with diversified solutions

- Install IDE and Text editors for creating and running Python scripts

- Discover python data types and use them appropriately

- Write simple logical programs with control flow statements in Python

---

Cursusinhoud:

Introduction to Python - Python Overview and Evolution

- Role/Domain-based Python
- Python for Web Developers - Full Stack Development
- Python for Data Scientists
- Python for RPA programmers
- Python for Sys Admins and N/W Engineers
- Python for DevOps engineer

Introduction to Python - Standard Librairies and Frameworks (Related to discussed domains)

- Python IDEs and Text Editors
- Python vs Other programming languages
- Installing Python 3.x
- Preparing to write a Python file (*.py) - Text Editors
- Executing a Python file
- Python Enhancement Proposals (PEPs)
- Python Interpreter

Basics of Python Programming

- Structure of a Python Program
- Python Statements and Control Flow
- Built in Functions
- Simple print statements
- Python Variables
- Numeric Types - Integers and Floating points
- String
- Booleans
- Sequence Types
- Generating Strings in Python
- Common String Methods
- Function Basics

Operators and Simple Control flow Statements

- Operators and Precedence / Arithmetic Expressions
- Relational Operators
- Logical operators
- Comparison Operations
- "simple" if Statement
- "simple" while Statement
- "simple" for Statement

Labs

- This course includes lab-based activitoes to write and run some basic Python Programming scripts.

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

info@globalknowledge.nl

www.globalknowledge.com/nl-nl/

Iepenhoeve 5, 3438 MR Nieuwegein