



Advanced Python

Duración: 4 Días **Código del Curso: GK2351**

Temario:

Python has often been thought of as clean scripting language or a simple language to glue “real” applications together. This view is completely out of sync with the real possibilities of the Python language. This course will show you the true power of the language and the ecosystem. You will see that entire high-performance application stacks can be built in Python.

Dirigido a:

Developers who want to take Python to the next level and need to be effective with Python immediately after the course

Objetivos:

- Build rich MVC-based web applications with Pyramid
 - Ways to access relational databases from direct SQL
 - Accessing popular NoSQL, document-databases with MongoDB, PyMongo, and MongoKit
 - Build redistributable Windows-based EXEs that do not depend upon Python being installed on the target system
 - How to test all these applications to keep them running correctly
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Prerequisitos:

- Experience with and knowledge of the Python programming language

Exámenes y certificación

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Contenido:

- Lightning Review of Python Language
- File I/O
- Pythonic / Idiomatic Python
- Database Access (Relational)
- Database Access via SQLAlchemy (Core Model)
- Database Access via SQLAlchemy (ORM Model)
- Database Access (NoSQL / MongoDB)
- MongoDB with MongoEngine
- Build Redistributables
- Web Applications in Python (Pyramid)
- Pyramid Layouts, Controllers, and Forms
- Build RESTful and HTTP-Based Web Services in Python
- Debugging and Unit Testing with Python

Labs:

Lab 1: Real World MongoDB with MongoEngine

Lab 2: Building Redistributables (Modules and Packages)

Lab 3: Web Applications in Python (Pyramid).

Lab 4: Real-World Pyramid: Layouts, Controllers, and Forms

Lab 5: Building RESTful and HTTP-Based Web Services in Python

Lab 6: Debugging and Unit Testing Python

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

info.cursos@globalknowledge.es

www.globalknowledge.es

Global Knowledge Network Spain, C/ Retama 7, 6ª planta, 28045 Madrid