



Online kursus – k90904

Python Collection

Title	Estimated Duration (hrs)
Python for Data Science: Introduction to NumPy for Multi-dimensional Data	1,00
Python for Data Science: Advanced Operations with NumPy Arrays	1,13
Python for Data Science: Introduction to Pandas	1,10
Python for Data Science: Manipulating and Analyzing Data in Pandas DataFrames	0,75
Python for Data Science: Basic Data Visualization using Seaborn	1,12
Python for Data Science: Advanced Data Visualization Using Seaborn	1,07
Complex Data Types in Python: Working with Lists & Tuples in Python	1,65
Complex Data Types in Python: Working with Dictionaries & Sets in Python	0,90
Complex Data Types in Python: Shallow and Deep Copies in Python	0,75
Getting Started with Python: Introduction	1,50
Final Exam: Python Novice	1,50
Final Exam: Python Novice	0,02
Python Requests: HTTP Requests with Python	1,70
Data Structures and Algorithms in Python: Fundamental Data Structures	1,33
Data Structures and Algorithms in Python: Implementing Data Structures	1,50
Data Structures and Algorithms in Python: Sorting Algorithms	1,27
Data Structures and Algorithms in Python: Implementing Sorting Algorithms	1,18
Data Structures and Algorithms in Python: Trees and Graphs	1,57
Data Structures and Algorithms in Python: Implementing Trees and Graphs	1,45
Conditional Statements and Loops: If-else Control Structures in Python	1,70
Conditional Statements and Loops: The Basics of for Loops in Python	1,03
Conditional Statements and Loops: Advanced Operations using for Loops in Python	1,10
Conditional Statements and Loops: While Loops in Python	1,33
Python Concurrent Programming: Introduction to Concurrent Programming	1,50
Python Concurrent Programming: Asynchronous Executions in Python	1,03
Python Concurrent Programming: Multithreading in Python	1,70
Python Concurrent Programming: Multiprocessing in Python	1,28
Functions in Python: Introduction	2,07
Functions in Python: Gaining a Deeper Understanding of Python Functions	1,45
Functions in Python: Working with Advanced Features of Python Functions	1,45
Python Classes and Inheritance: Introduction	0,83
Python Classes & Inheritance: Getting Started with Classes in Python	1,58
Python Classes & Inheritance: Working with Inheritance in Python	1,17
Python Classes & Inheritance: Advanced Functionality Using Python Classes	1,48
Python Unit Testing: An Introduction to Python's unittest Framework	0,83
Python Unit Testing: Advanced Python Testing Using the unittest Framework	1,02
Python Unit Testing: Testing Python Code using pytest	1,23
Python Unit Testing: Testing Python Code using doctest	0,73
Final Exam: Python Journeyman	1,50
Advanced Python Topics: File Operations in Python	1,20
Advanced Python Topics: Exceptions and Command Line Arguments	1,22
Advanced Python Topics: Python Modules & Virtual Environments	1,00
Advanced Python Topics: Migrating from Python 2 to Python 3	0,67

Final Exam: Python Apprentice	1,50
Final Exam: Python Apprentice	0,02
Flask in Python: An Introduction to Web Frameworks & Flask	0,83
Flask in Python: Building a Simple Web Site Using Flask	1,50
Flask in Python: User Interactions in Flask Applications	1,35
Flask in Python: User Authentication in a Flask Application	1,57
Excel with Python: Working with Excel Spreadsheets from Python	1,28
Excel with Python: Performing Advanced Operations	1,50
Excel with Python: Constructing Data Visualizations	1,02
Final Exam: Pythonista	1,50
Socket Programming in Python: Introduction	1,05
Socket Programming in Python: Advanced Topics	1,35
Introduction to Using PyCharm IDE	1,28
Python Design Patterns: Principles of Good Design	1,58
Python Design Patterns: Working with Creational Design Patterns	1,83
Python Design Patterns: Working with Structural Design Patterns	1,45
Python Design Patterns: Working with Behavioral Design Patterns	1,45
Automation Testing for Python	0,83
Python AI Development: Introduction	0,78
Python AI Development: Practice	1,35