# Python High Performance - (Paperback)

By Gabriele Lanaro

Packt Publishing Limited, United Kingdom, 2017. Paperback. Condition: New. 2nd Revised edition. Language: English . Brand New Book ***** Print on Demand *****.Learn how to use Python to create efficient applications About This Book * Identify the bottlenecks in your applications and solve them using the best profiling techniques * Write efficient numerical code in NumPy, Cython, and Pandas * Adapt your programs to run on multiple processors and machines with parallel programming Who This Book Is For The book is aimed at Python developers who want to improve the performance of their application. Basic knowledge of Python is expected What You Will Learn * Write efficient numerical code with the NumPy and Pandas libraries * Use Cython and Numba to achieve native performance * Find bottlenecks in your Python code using profilers * Write asynchronous code using Asyncio and RxPy * Use Tensorflow and Theano for automatic parallelism in Python * Set up and run distributed algorithms on a cluster using Dask and PySpark In Detail Python is a versatile language that has found applications in many industries. The clean syntax, rich standard library, and vast selection of third-party libraries make Python a wildly popular language. Python High Performance...

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