My main resources for learning Python

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- **Learning Python**: an extensive, meticulous exposition of essentially everything concerning the basics. Very long, hard to digest, but effective. Key Information: everything in Python is basically a C pointer. Therefore be careful with =, deferencing, etc... This is the reason beyond the differences between mutable and immutable (pointer to const). And that's what allow so much type flexibility;
- **Python Workout**: the opposite approach. Collection of 50 exercises straight-to-the-point to improve the understanding by direct experience. Covering from mutables, immutables, functions, objects, iterators...
- **Python Flashcards**: a quick check of the basic background;
- **Efficient Python**: covering stuff like pylint, parallelization and interfacing C. Develop more sensitivity for memory usage and processor load. Turned on an interest for Computer Architectures and Graphic Cards;
- **Machine Learning Lab**: internal Academic reading to learn scientific-oriented stuff like numpy, scipy, and the Fundamentals of Machine Learning;
- **Nvidia Certificate - Fundamentals of Accelerated Computing with CUDA Python**: a short online course (few hours) on how to use Numba for CUDA parallelization with Numpy;
- **Coursera Certificate - IBM AI Engineering**: improving the familiarity with classic Machine Learning libraries and applications, notably PyTorch;
- **Python Certificate - PCEP-30-01**: a way to officially confirm by understanding of basic Python. The more advanced certificates tend to focus on user interfaces and networking, so I decided to stop here.