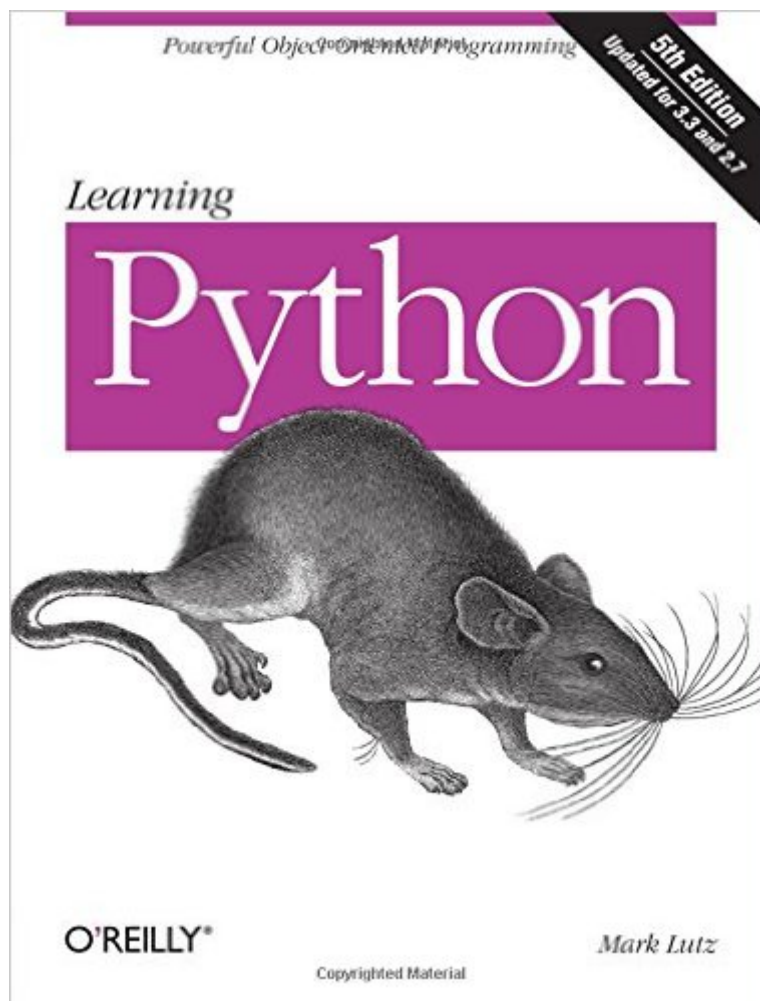**The book was found**

Learning Python, 5th Edition

Synopsis

Get a comprehensive, in-depth introduction to the core Python language with this hands-on book. Based on author Mark LutzÃ¢â¬â¢s popular training course, this updated fifth edition will help you quickly write efficient, high-quality code with Python. ItÃ¢â¬â¢s an ideal way to begin, whether youÃ¢â¬â¢re new to programming or a professional developer versed in other languages.Complete with quizzes, exercises, and helpful illustrations, this easy-to-follow, self-paced tutorial gets you started with both Python 2.7 and 3.3Ã¢â¢ the latest releases in the 3.X and 2.X linesÃ¢â¢plus all other releases in common use today. YouÃ¢â¬â¢ll also learn some advanced language features that recently have become more common in Python code.Explore PythonÃ¢â¬â¢s major built-in object types such as numbers, lists, and dictionariesCreate and process objects with Python statements, and learn PythonÃ¢â¬â¢s general syntax modelUse functions to avoid code redundancy and package code for reuseOrganize statements, functions, and other tools into larger components with modulesDive into classes: PythonÃ¢â¬â¢s object-oriented programming tool for structuring codeWrite large programs with PythonÃ¢â¬â¢s exception-handling model and development toolsLearn advanced Python tools, including decorators, descriptors, metaclasses, and Unicode processing

Book Information

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Customer Reviews

View larger   Who Uses Python Today?   At this writing, the best estimate anyone can seem to

make of the size of the Python user base is that there are roughly 1 million Python users around the world today (plus or minus a few). This estimate is based on various statistics, like download rates, web statistics, and developer surveys. Because Python is open source, a more exact count is difficultÃƒÂ¢Ã â ¬Ã â •there are no license registrations to tally. Moreover, Python is automatically included with Linux distributions, Macintosh computers, and a wide range of products and hardware, further clouding the user base picture   Google   YouTube   Dropbox   Raspberry Pi   Industrial Light & Magic, Pixar   BitTorrent   EVE Online   Thousands more...   Why Do People Use Python?   Because there are many programming languages available today, this is the usual first question of newcomers. Given that there are roughly 1 million Python users out there at the moment, there really is no way to answer this question with complete accuracy; the choice of development tools is sometimes based on unique constraints or personal preference.   But after teaching Python to roughly 260 groups and over 4,000 students during the last 16 years, I have seen some common themes emerge. The primary factors cited by Python users seem to be these:

    Software quality   Developer productivity   Program portability   Support libraries   Component integration   Enjoyment

Mark Lutz is a leading Python trainer, the author of PythonÃ¢â ¬â„¢s earliest and best-selling texts, and a pioneering figure in the Python world.Mark is the author of the three OÃ¢â ¬â„¢Reilly books: Learning Python, Programming Python, and Python Pocket Reference, all currently in fourth or fifth editions. He has been using and promoting Python since 1992, started writing Python books in 1995, and began teaching Python classes in 1997. As of Spring 2013, Mark has instructed 260 Python training sessions, taught roughly 4,000 students in live classes, and written Python books that have sold 400,000 units and been translated to at least a dozen languages.Together, his two decades of Python efforts have helped to establish it as one of the most widely used programming languages in the world today. In addition, Mark has been in the software field for 30 years. He holds BS and MS degrees in computer science from the University of Wisconsin where he explored implementations of the Prolog language, and over his career has worked as a professional software developer on compilers, programming tools, scripting applications, and assorted client/server systems.Mark maintains a training website (http://learning-python.com) and an additional book support site on the Web (http://www.rmi.net/~lutz).

I know a 1600 page book seems almost crazy but, before you start looking elsewhere (as I did) for something shorter, let me try to explain why this 1600 page book may actually end up saving you a

lot of time and making you a better Python programmer in the end.First of all, I've read many of the other well reviewed, up-to-date, Python books (yes, all of them were shorter), and being new to Python, I ended up spending most of my time searching online trying to fill in the gaps that the other authors failed to fill in. With this book you don't need to reference anything else because the author does a great job of answering every question. You can tell he's dedicated his life to teaching Python and knows what problems his readers will run into.While this books is long, it doesn't feel long. It's not just page after page of code samples. Each concept comes with a few code samples and is followed up by very well-written, clear explanations so it's actually a fairly quick read (for a 1600 page book). Does he repeat himself as other reviewers have noted? Yes, but it feels like when he does it's purposeful.Even though you often hear that Python is easy to learn, it's an incredibly deep language that requires time and effort. I believe that by having read this book that I'm starting out far ahead of other new Python programmers, I appreciate the language even more and I'm very comfortable even with Python's advanced topics.

Sure this book is super long, but it will give you a great foundation of Python programming. The content will help you understand the intricacies of the language that will help you understand exactly what you are coding. I've seen other reviews of people complaining about how repetitive the text is, but I found that to be very helpful in driving the lessons home. If you're not in a huge rush to learn Python, but have the time to spend a few months going through the material, then I would highly recommend this. I'm off to the companion book "Programming Python" now.

Being new to python and programming this is one of the best books I've found. There's knowing what to do, knowing how to do it and understanding why it is you're doing what you're doing. This book for me provided the why. It explains all the details that the other books and courses I took kinda skimmed over.

As far as books are concerned, this is the final word on Python 3. It should not be used as a tutorial for learning Python -- there are better and more concise books for that. But whenever you want clarification, or extended discussion, or more examples, then you have to use Lutz's "Learning Python." The price for this is verbosity -- 1600 pages worth. If you are serious about Python, buy the book, put it on your shelf and refer to it when the terse explanations in other books don't make sense. For example, when no-one bothers to define exactly what an "iterable object" is. Or you can't find enough examples of generator functions. Other than as a reference, when you have a bit of

time, browse through the book. With regard to Python, it's in a league of its own

The most amazing thing about this 1500-page book is that it's incomplete without its sequel, the equally humongous "Programming Python." This book gives you a detailed tour of the basics of the language, its syntax and semantics and just a touch of actual useful programming. The real work, or so I gather, is in the sequel.However, this is a review of this book, not the sequel. That will come in a few months (which right there tells you I reasonably liked this book).The second most amazing thing about this book, then, is how clear it is.Python is a language both simple and complex: you can learn to write simple scripts in a day or so, but there is so much more to it. It is good for structured programming, declarative programming, and object-oriented programming (at least). It has a huge library of nice functions and widgets to add in as you need them - and that's just the official distribution.Lutz introduces us to the language without assuming anything other than that we have a computer and are able to do basic things with it (including accessing the Intartoobs). He writes in a clear and occasionally humorous style, borrowing variable names and such from Monty Python (after whom the language is named), and giving examples that actually demonstrate the points being made - though, aside from that, most of them don't actually _do_ much. (Again, that appears to be reserved for the sequel.)For someone with no programming background, this would probably be a do-able book. For someone like me who has such a background, though out of date, it's definitely right on the beam. (I picked this up because I wanted to learn a reasonably modern programming language; coworkers recommended either this or PHP, and I liked the name of this one better. Seriously...) For an advanced programmer, familiar with languages like Java and C++, it provides clear explanations of how (and occasionally why) Python is different from those languages. (Python has an explicit design and programming philosophy, the "Zen of Python," built into the language as an Easter egg.)There's no real conclusion to be drawn here, other than that if you are interested in learning Python, this is a pretty good place to start.

I've never seen another book like it. So much detail it boggles the mind at times. I dunno, maybe that is just a product of the subject material. Regardless, the author really knows his stuff. At times I'll have to read a section 2 or 3 times to completely absorb what the author is getting at. Short of taking a class, I don't know a better way to learn the details of the python programming language than this monster 2+" thick book. I sorta wish the book was broken down into two parts or bindings.I dig the book, but at times I shake my head at the way the author provides so much detail.

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