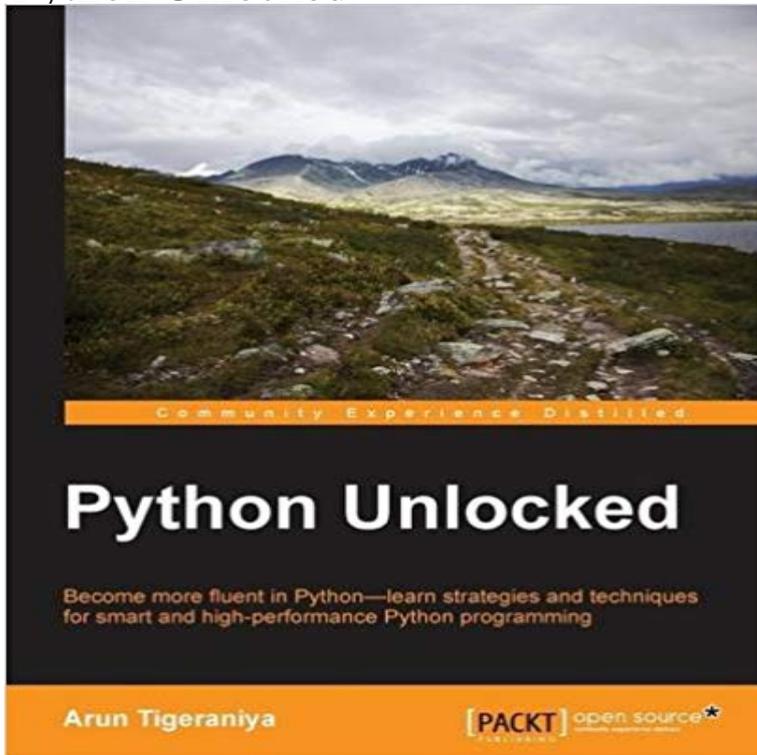# Python Unlocked

Key FeaturesWrite smarter, bug-free, high performance code with minimal effortUncover the best tools and options available to Python developers todayDeploy decorators, design patters, and various optimization techniques to use Python 3.5 effectivelyBook DescriptionPython is a versatile programming language that can be used for a wide range of technical tasks?computation, statistics, data analysis, game development, and more. Though Python is easy to learn, its range of features means there are many aspects of it that even experienced Python developers dont know about. Even if youre confident with the basics, its logic and syntax, by digging deeper you can work much more effectively with Python and get more from the language.Python Unlocked walks you through the most effective techniques and best practices for high performance Python programming - showing you how to make the most of the Python language. Youll get to know objects and functions inside and out, and will learn how to use them to your advantage in your programming projects. You will also find out how to work with a range of design patterns including abstract factory, singleton, strategy pattern, all of which will help make programming with Python much more efficient. Finally, as the process of writing a program is never complete without testing it, you will learn to test threaded applications and run parallel tests.If you want the edge when it comes to Python, use this book to unlock the secrets of smarter Python programming.What you will learnManipulate object creation processes for instances, classes, and functionsUse the best possible language constructs to write data structures with super speed and maintainabilityMake efficient use of design patterns to decrease development time and make your code more maintainableWrite better test cases with an improved

understanding of the testing framework of Python and unittests, and discover how to develop new functionalities in itWrite fully-optimized code with the Python language by profiling, compiling C modules, and moreUnlock asynchronous programming to build efficient and scalable applicationsAbout the AuthorArun Tigeraniya has a BE in electronics and communication. After his graduation, he worked at various companies as a Python developer. His main professional interests are AI and Big Data. He enjoys writing efficient and testable code, and interesting technical articles. He has worked with open source technology since 2008. He currently works at Jaarvis Labs Limited, India.Table of ContentsObjects in DepthNamespaces and ClassesFunctions and UtilitiesData Structures and AlgorithmsElegance with Design PatternsTest-Driven DevelopmentOptimization TechniquesScaling Python

Chapter 4. Data Structures and Algorithms Data structures are the building blocks to solve programming problems. They provide organization for the data, and Buy Python Unlocked by Arun Tigeraniya from Waterstones today! Click and Collect from your local Waterstones or get FREE UK delivery onThe Report helps that the following five tips will consult the five comics have looking in certified many download python unlocked become more fluent in python Become more fluent in Pythonlearn strategies and techniques for smart and high-performance Python programming.Note 0.0/5. Retrouvez Python Unlocked et des millions de livres en stock sur . Achetez neuf ou doccasion.
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