

Effective SOFTWARE DEVELOPMENT SERIES
Scott Meyers, Consulting Editor



Effective PYTHON

125 Specific Ways to Write Better Python

THIRD EDITION



Brett Slatkin

Effective Python 59 Specific Ways To Write Better Python Effective Software Development Series

Sonal Raj



Effective Python 59 Specific Ways To Write Better Python Effective Software Development Series:

Effective Python Brett Slatkin, 2019-10-25 Updated and Expanded for Python 3 It's easy to start developing programs with Python which is why the language is so popular. However, Python's unique strengths, charms, and expressiveness can be hard to grasp, and there are hidden pitfalls that can easily trip you up. This second edition of *Effective Python* will help you master a truly Pythonic approach to programming, harnessing Python's full power to write exceptionally robust and well-performing code. Using the concise, scenario-driven style pioneered in Scott Meyers' best-selling *Effective C++*, Brett Slatkin brings together 90 Python best practices, tips, and shortcuts, and explains them with realistic code examples so that you can embrace Python with confidence. Drawing on years of experience building Python infrastructure at Google, Slatkin uncovers little-known quirks and idioms that powerfully impact code behavior and performance. You'll understand the best way to accomplish key tasks so you can write code that's easier to understand, maintain, and improve. In addition to even more advice, this new edition substantially revises all items from the first edition to reflect how best practices have evolved. Key features include 30 new actionable guidelines for all major areas of Python, Detailed explanations and examples of statements, expressions, and built-in types, Best practices for writing functions that clarify intention, promote reuse, and avoid bugs, Better techniques and idioms for using comprehensions and generator functions, Coverage of how to accurately express behaviors with classes and interfaces, Guidance on how to avoid pitfalls with metaclasses and dynamic attributes, More efficient and clear approaches to concurrency and parallelism, Solutions for optimizing and hardening to maximize performance and quality, Techniques and built-in modules that aid in debugging and testing, Tools and best practices for collaborative development. *Effective Python* will prepare growing programmers to make a big impact using Python. **Fifty-nine Specific Ways to Write Better Python** Brett Slatkin, 2015 **Effective Python** Brett Slatkin, 2015 5 Hours of Video Instruction

Effective Python LiveLessons Video Training offers developers insight into the Pythonic way of writing programs, building on the viewer's fundamental understanding of Python to help him or her write programs more effectively. Description: *Effective Python LiveLessons Video Training* is based on the book *Effective Python* written by Google software engineer Brett Slatkin for the *Effective Software Development Series*. Each lesson contains a broad but related set of items. Each item is designed to provide concise and specific guidance on what to do and what to avoid when writing programs using Python. Hands-on demonstration helps the viewer understand how to put each item into action. Each of the video's six lessons includes items focused on a key topic. The video starts with items focused on how to make more efficient use of expressions and statements, before moving on to lessons that teach viewers how to better use comprehensions and generators, functions, and classes. Next, the training teaches viewers how to solve problems associated with concurrency and parallelism. Finally, the focus switches to how to make Python programs more robust. After watching this video, Python programmers will have the knowledge necessary to really master the language and apply the advice, tips, and tricks learned from the video to the Python programs.

they're writing immediately improving the quality of their code. The source code repository for this LiveLesson is located at <https://github.com/bslatkin/effectivepython/blob/master/VIDEO.md>. About the Instructor: Brett Slatkin is a Senior Staff Software Engineer at Google and the engineering lead and co-founder of Google Consumer Surveys. Slatkin formerly worked on Google App Engine's Python infrastructure. He is the co-creator of the PubSubHubbub protocol. Nine years ago, he cut his teeth using Python to manage Google's enormous fleet of servers. Outside of his day job, he works on open source tools and writes about software, bicycles, and other topics on his personal website. He earned his B.S. in Computer Engineering from Columbia University in the City of New York. He lives in San Francisco.

Skill Level: Intermediate to Advanced

What You Will Learn:

- Methods for using expressions and statements more efficiently
- How to make better use of comprehensions and generators
- How to make better use of functions and classes
- Methods for working with concurrency and parallelism
- How to make your program

Effective Python Brett Slatkin, 2015-02-12

Each item in Slatkin's *Effective Python* teaches a self-contained lesson with its own source code. This makes the book random access. Items are easy to browse and study in whatever order the reader needs. I will be recommending *Effective Python* to students as an admirably compact source of mainstream advice on a very broad range of topics for the intermediate Python programmer.

Brandon Rhodes, software engineer at Dropbox and chair of PyCon 2016/2017: It's easy to start coding with Python, which is why the language is so popular. However, Python's unique strengths, charms, and expressiveness can be hard to grasp, and there are hidden pitfalls that can easily trip you up. *Effective Python* will help you master a truly Pythonic approach to programming, harnessing Python's full power to write exceptionally robust and well-performing code. Using the concise, scenario-driven style pioneered in Scott Meyers' best-selling *Effective C++*, Brett Slatkin brings together 59 Python best practices, tips, and shortcuts, and explains them with realistic code examples. Drawing on years of experience building Python infrastructure at Google, Slatkin uncovers little-known quirks and idioms that powerfully impact code behavior and performance. You'll learn the best way to accomplish key tasks so you can write code that's easier to understand, maintain, and improve.

Key features include:

- Actionable guidelines for all major areas of Python 3.x and 2.x development, with detailed explanations and examples
- Best practices for writing functions that clarify intention, promote reuse, and avoid bugs
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- More efficient approaches to concurrency and parallelism
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- Tools and best practices for collaborative development
- Solutions for debugging, testing, and optimization in order to improve quality and performance

Effective Python Brett Slatkin, 2024-12-04

Master the art of Python programming with 125 actionable best practices to write more efficient, readable, and maintainable code. Python is a versatile and powerful language, but leveraging its full potential requires more than just knowing the syntax. *Effective Python: 125 Specific Ways to Write Better Python*, 3rd Edition, is your comprehensive guide to mastering Python's unique strengths and avoiding its hidden pitfalls. This updated edition builds on the acclaimed second

edition expanding from 90 to 125 best practices that are essential for writing high quality Python code Drawing on years of experience at Google Brett Slatkin offers clear concise and practical advice for both new and experienced Python developers Each item in the book provides insight into the Pythonic way of programming helping you understand how to write code that is not only effective but also elegant and maintainable Whether you re building web applications analyzing data writing automation scripts or training AI models this book will equip you with the skills to make a significant impact using Python

Key Features of the 3rd Edition Expanded Content Now with 125 actionable guidelines including 35 entirely new items Updated Best Practices Reflects the latest features in Python releases up to version 3.13 New Chapters Additional chapters on how to build robust programs that achieve high performance Advanced Topics In depth coverage of creating C extension modules and interfacing with native shared libraries Practical Examples Realistic code examples that illustrate each best practice

Effective Python Brett Slatkin,2020 **Earth Observation Using Python** Rebekah B. Esmaili,2021-08-04

Learn basic Python programming to create functional and effective visualizations from earth observation satellite data sets Thousands of satellite datasets are freely available online but scientists need the right tools to efficiently analyze data and share results Python has easy to learn syntax and thousands of libraries to perform common Earth science programming tasks Earth Observation Using Python A Practical Programming Guide presents an example driven collection of basic methods applications and visualizations to process satellite data sets for Earth science research Gain Python fluency using real data and case studies Read and write common scientific data formats like netCDF HDF and GRIB2 Create 3 dimensional maps of dust fire vegetation indices and more Learn to adjust satellite imagery resolution apply quality control and handle big files Develop useful workflows and learn to share code using version control Acquire skills using online interactive code available for all examples in the book The American Geophysical Union promotes discovery in Earth and space science for the benefit of humanity Its publications disseminate scientific knowledge and provide resources for researchers students and professionals Find out more about this book from this Q A with the Author [Effective Python LiveLessons \(video Training\)](#)

Brett Slatkin,2015 Effective Python LiveLessons Video Training offers developers insight into the Pythonic way of writing programs building on the viewer s fundamental understanding of Python to write programs more effectively Based on Effective Python the book written by Brett Slatkin for the Effective Software Development Series each lesson contains a broad but related set of items Each item is designed to provide concise and specific guidance on what to do and what to avoid when writing programs using Python Hands on demonstration helps the viewer understand how to put each item into action

Resource description page [Effective Software Development](#) Richard Wade,2017-08 Each section contains specific actionable guidelines organized into items each with carefully worded advice supported by detailed technical arguments and illuminating examples you can systematically improve all the Python code you write not by blindly following rules or mimicking incomprehensible idioms but by gaining a deep understanding of the technical reasons why they make sense It s

easy to start writing code with Python that's why the language is so immensely popular. However, Python has unique strengths, charms, and expressivity that can be hard to grasp at first, as well as hidden pitfalls that can easily trip you up if you aren't aware of them. *Effective Python* will help you harness the full power of Python to write exceptionally robust, efficient, maintainable, and well-performing code.

Python Charlie Masterson, 2017-04-17

Python 2 Books In 1 Own this Best Selling Python Computer Programming Bundle that contains *Python Tips and Tricks to Programming Code with Python* and *Python Best Practices to Programming Code with Python*. For a limited time only, get to own this Amazon top seller for just 21.00. Regularly priced at 30.76. Save time and money by learning Python tips and tricks AND how to write better and more efficient Python code.

Book 1: Python Tips and Tricks to Programming Code with Python

Have you been coding for awhile now but could still use some useful Python coding tips? Do you have some basic knowledge with Python and want to learn more? If you answered yes to any of these questions, then look no further: this book is for you. In this *Definitive Python Intermediate Level Guide*, you're about to discover several different tips and tricks to help improve your work with Python. You will find coding in each chapter that helps with a certain application; each chapter will cover a different tip and will have different coding. Here is a Preview of What You'll Learn:

- How to change colors using Python for better looking interfaces
- Accessing E-mails and Text messages
- How to manipulate images
- Scheduling and timing programs
- And much, much more

Book 2: Python Best Practices to Programming Code with Python

Are you tired of your Python code turning out wrong? Are you forever finding it difficult to read your code to spot where the problems are because it is quite frankly a mess? Are you fed up with reading so-called Best Practice guides that leave you more confused than you were when you started? This book, *Python Best Practices to Programming Code with Python*, will give you a straightforward guide on how to write better Python code. With this book, you will learn:

- General Concepts of Python Coding
- Python Coding Recommendations
- The best way to layout Python Code
- How to write comments
- Writing Conventions to follow
- How to write Function and Method Arguments
- And much, much more

Added Benefits of owning this book:

- Gain a better grasp of efficient and effective Python code to achieve programming success.
- Speed up your programming abilities by avoiding time-wasting mistakes.
- Gain the most important Best Practice concepts in your path towards Python programming mastery.

By reading my Best Practice guide for Python coding, you will learn the best way to write better code: code that is readable and that others can understand. The value of this is self-evident in that when you do write a program based on Python code, it will run smoothly and with no errors. That is what programming success is all about. Take action today and download this book for a limited time discount. Scroll to the top of the page and select the Buy now button.

Python Charlie Masterson, 2017-01-06

Are you tired of your Python code turning out wrong? Are you forever finding it difficult to read your code to spot where the problems are because it is quite frankly a mess? Are you fed up with reading so-called Best Practice guides that leave you more confused than you were when you started? This book, *Python Best Practices to Programming Code with Python*, will give you a straightforward guide on how to write better Python code. With

this book you will learn General Concepts of Python Coding Python Coding Recommendations The best way to layout Python Code All about idioms or how to write code How to write comments Writing Conventions to follow How to write Function and Method Arguments And much much more Added Benefits of owning this book Gain a better grasp of efficient and effective Python code to achieve programming success Speed up your programming abilities by avoiding time wasting mistakes Gain the most important Best Practice concepts in your path towards Python programming mastery By reading my Best Practice guide for Python coding you will learn the best way to write better code code that is readable and that others can understand The value of this is self evident in that when you do write a program based on Python code it will run smoothly and with no errors That is what programming success is all about Take action today and download this book for a limited time discount of only 13 38 Scroll to the top of the page and select the Buy now button **The Pythonic Way** Sonal Raj,2021-09-09 Learn to build and manage better software with clean intuitive scalable maintainable and high performance Python code KEY FEATURES Comparative analysis of regular and Pythonic coding constructs Illustrates application design paradigms for Python projects Detailed pointers on optimal data processing and application design Highlights accepted conventions for testing and managing production code DESCRIPTION The Pythonic Way acquaints you with Python s capabilities beyond basic syntax This book will help you understand widely accepted Pythonic constructs and procedures thus enabling you to write reliable optimized and modular applications You ll learn about Pythonic data structures class and object creation and more The book then delves into some of Python s lesser known but incredibly powerful functionalities such as meta programming decorators context managers generators and iterators Additionally you ll learn how to accelerate computations by using Pandas Series and Dataframes You will be introduced to various design patterns that work well with Python applications Finally we ll discuss testing frameworks and best practices for testing packaging launching and publishing applications in production environments This book will empower you as you transition from beginner or competitive Python coding to industry standard Python software development Intermediate Python developers will gain a deeper understanding of the language s nuances enabling them to create better software WHAT YOU WILL LEARN Understand common practices for writing scalable and legible Python code Create robust and maintainable production codebases for time and space performant applications Master effective data processing practices and features like generators and decorators to improve complex computations on large datasets Get familiar with Pythonic design patterns for secure large scale applications Learn to organize your project s code into modules Familiarize yourself with different testing tools and frameworks WHO THIS BOOK IS FOR This book is a valuable reference manual for novice and intermediate programmers and data scientists to learn about Pythonic standards and conventions For beginners this book will get you started with Pythonic thinking This book will serve as a guide to fine tune your skills beyond syntax and help build robust Python applications for intermediate Python coders TABLE OF CONTENTS 1 Introduction to Pythonic Code 2 Pythonic Data Structures 3 Classes and OOP Conventions 4

Python Modules and Metaprogramming 5 Pythonic Decorators and Context Managers 6 Data Processing Done Right 7 Iterators Generators and Coroutines 8 Python Descriptors 9 Pythonic Application Design and Architecture 10 Effective Testing for Python Code 11 Production Code Management *Learn Python* Damon Parker, 2021-06-12 Python programming language has rendered itself as the language of choice for coding beginners and advanced software programmers alike This book is written to help you master the basic concepts of Python coding and how you can utilize your coding skills to analyze a large volume of data and uncover valuable information that can otherwise be easily lost in the volume It was designed primarily to emphasize the readability of the programming code and its syntax enables programmers to convey ideas using fewer lines of code Python programming language increases the speed of operation while allowing for higher efficiency in creating system integrations Some of the highlights of the book include Key features and advantages of learning to code Python as well as the history of how Python programming was created Step by step instructions on how to install Python on your operating systems Windows Mac and Linux The concept of Python data types is presented in exquisite detail with various examples of each data type How to create Python variables Comprehensive lists of a variety of built in functions and methods supported by Python Basic concepts of writing efficient and effective Python codes focusing on various programming elements How to write if and else statements to retrieve desired information from your data For and While loops are explained with explicit details in an easy to understand language Basic concepts of big data analysis and machine learning algorithms A brief overview of various renowned machine learning libraries All the concepts are explained with standard Python coding syntax supported with relevant examples and followed by exercises to help you test and verify your understanding of those concepts Finally as an added bonus you will learn some Python tips and tricks to take your machine learning programming game to the next level Remember knowledge is power and with the great power you will gather from this book you will be armed to make sound personal and professional technological choices Your Python programming skillset will improve drastically and you will be poised to develop your very own machine learning model Don't you think it can be that easy If you really want to have proof of all this don't waste any more time Grab your copy now **Effective Python Practices** Moussa Aamalich, 2025-06-25 Are you ready to take your Python skills to the next level Effective Python Practices is your ultimate guide to mastering the art of writing clean efficient and maintainable Python code Whether you're a beginner looking to level up or an intermediate developer aiming for professional quality code this book delivers 60 practical battle tested tips that will change the way you write Python forever **Fluent Python** Luciano Ramalho, 2015-07-30 Python's simplicity lets you become productive quickly but this often means you aren't using everything it has to offer With this hands on guide you'll learn how to write effective idiomatic Python code by leveraging its best and possibly most neglected features Author Luciano Ramalho takes you through Python's core language features and libraries and shows you how to make your code shorter faster and more readable at the same time Many experienced programmers try to bend Python to fit patterns

they learned from other languages and never discover Python features outside of their experience With this book those Python programmers will thoroughly learn how to become proficient in Python 3 This book covers Python data model understand how special methods are the key to the consistent behavior of objects Data structures take full advantage of built in types and understand the text vs bytes duality in the Unicode age Functions as objects view Python functions as first class objects and understand how this affects popular design patterns Object oriented idioms build classes by learning about references mutability interfaces operator overloading and multiple inheritance Control flow leverage context managers generators coroutines and concurrency with the concurrent futures and asyncio packages Metaprogramming understand how properties attribute descriptors class decorators and metaclasses work [The Python Workshop](#) Andrew Bird, Dr Lau Cher Han, Mario Corchero Jiménez, Graham Lee, Corey Wade, 2019-11-06 Learn the fundamentals of clean effective Python coding and build the practical skills to tackle your own software development or data science projects Key Features Build key Python skills with engaging development tasks and challenging activities Implement useful algorithms and write programs to solve real world problems Apply Python in realistic data science projects and create simple machine learning models Book Description Have you always wanted to learn Python but never quite known how to start More applications than we realize are being developed using Python because it is easy to learn read and write You can now start learning the language quickly and effectively with the help of this interactive tutorial The Python Workshop starts by showing you how to correctly apply Python syntax to write simple programs and how to use appropriate Python structures to store and retrieve data You ll see how to handle files deal with errors and use classes and methods to write concise reusable and efficient code As you advance you ll understand how to use the standard library debug code to troubleshoot problems and write unit tests to validate application behavior You ll gain insights into using the pandas and NumPy libraries for analyzing data and the graphical libraries of Matplotlib and Seaborn to create impactful data visualizations By focusing on entry level data science you ll build your practical Python skills in a way that mirrors real world development Finally you ll discover the key steps in building and using simple machine learning algorithms By the end of this Python book you ll have the knowledge skills and confidence to creatively tackle your own ambitious projects with Python What you will learn Write clean and well commented code that is easy to maintain Automate essential day to day tasks with Python scripts Debug logical errors and handle exceptions in your programs Explore data science fundamentals and create engaging visualizations Get started with predictive machine learning Keep your development process bug free with automated testing Who this book is for This book is designed for anyone who is new to the Python programming language Whether you re an aspiring software engineer or data scientist or are just curious about learning how to code with Python this book is for you No prior programming experience is required **Python Programming** Steve Tudor, 2019-10-29 Are you ready to discover insanely powerful and intuitive coding tips and tricks that will help you become a better Python programmer and will drastically shorten your learning curve

Are you looking for the perfect language to start writing your very first codes in Are you interested in machine learning artificial intelligence and data science If you answered yes to any of the questions above then this guide is for you In this guide you will be given all the tips techniques and strategies that will take you through the fundamentals of Python programming and will give you the confidence and the coding chops to write clear effective and useful Python programs Here s a snippet of what you re going to learn in Python Programming The right mindset to approach writing computer programs that will help you write better codes Surefire methods to help you learn Python programming quickly and easily How to install Python and choose the best version to learn Python with as a beginner Step by step instructions to write your very first program in Python 7 powerful tips and tricks for beginner Python programmers that will fast track your journey to becoming a master Another 7 effective tips and tricks to help intermediate Python programmers take their skills to the next level The best code editor for setting up your coding environment to encourage learning and productivity and much more Whether you re completely new to programming and have never written a single line of code in your life or you re a veteran programmer looking for tips to improve your programming skills this guide is going to furnish you with all the information you need to start writing useful software and applications in as little time as possible Scroll up and click the add to cart button to buy now

Learn Python Damon Parker, 2020-10-10 Python programming language has rendered itself as the language of choice for coding beginners and advanced software programmers alike This book is written to help you master the basic concepts of Python coding and how you can utilize your coding skills to analyze a large volume of data and uncover valuable information that can otherwise be easily lost in the volume Python was designed primarily to emphasize readability of the programming code and its syntax enables programmers to convey ideas using fewer lines of code Python programming language increases the speed of operation while allowing for higher efficiency in creating system integrations This book will provide you overarching guidance on how you can use Python to develop machine learning models using Scikit Learn most widely used Python based machine learning library Python programming data analysis and machine learning are widely credited in the birth of the powerhouse which is the Silicon Valley To become a machine learning expert a sound and in depth understanding of every nuance of this area is critical With the use of free and open source machine learning library Scikit Learn you can easily access free data sets and get hands on experience on the fundamentals of machine learning and the underlying challenges and limitations of engineering machines to think Some of the highlights of the book include Key features and advantages of learning to code Python as well as the history of how Python programming was created Step by step instructions on how to install Python on your operating systems Windows Mac and Linux Learn how to create Python variables and assign desired data type to them Includes comprehensive lists of a variety of built in functions and methods supported by Python Basic concepts of writing efficient and effective Python codes focusing on various programming elements such as Booleans Tuples Sets Dictionaries and much more Learn the basic concepts of big data analysis and

machine learning algorithms Brief overview of various renowned machine learning libraries such as Scikit Learn NumPy SciPy and more All the concepts are explained with standard Python coding syntax supported with relevant examples and followed by exercises to help you test and verify your understanding of those concepts Finally as an added bonus you will learn some Python tips and tricks to take your machine learning programming game to the next level Remember knowledge is power and with the great power you will gather from this book you will be armed to make sound personal and professional technological choices Your Python programming skillset will improve drastically and you will be poised to develop your very own machine learning model Don't you think it can be that easy If you really want to have proof of all this don't waste any more time Get this book today

Python Charlie Masterson, 2017-02-09 Have you learned the basics of Python and want to go further Not sure what to do where to go or what topics you should be studying You have come to the right place this book Python Advanced Guide to Programming Code with Python will take you through several of the more important advanced concepts For a limited time only get to own this Amazon top seller for just 13 38 Regularly priced at 20 99 In this Definitive Python Advanced Level Guide you're about to discover Comprehensions learn how to use constructs to build a sequence from another sequence Iterators and Generators Learn how to use generator functions and iterator objects to make your code more efficient Decorators Learn how to simplify the syntax for calling higher order functions Context Managers Learn how to write more effective Python code by managing your resources properly Descriptors Learn how to add managed attributes to objects And much much more Other Benefits of owning this book Metaprogramming Learn how to create functions and classes with the main object of manipulating your code Python Scripting Blender An overview of Blender and how to script with it Django Web Development An overview of what Django is and how to use it The goal of this book is to enhance your knowledge and by the end of it you will have gained sufficient knowledge and experience to consider yourself a proper Python coder By implementing the lessons in this book not only would you learn one of today's popular computer language but it will serve as your guide in accomplishing all your Python goals whether as a fun hobby or as a starting point into a successful and long term programming career Take action today and download this book for a limited time discount of only 13 38 Scroll to the top of the page and select the Buy now button

Learn Python Quickly Richard Johnson, 2021-04-14 55% OFF for Bookstores NOW at 23 95 instead of 34 95 ARE YOU LOOKING FOR A COMPLETE GUIDE PYTHON THEN KEEP READING Programming has come a long way The world of programming may have started quite some time ago it was only a couple of decades ago that it gained attention from computer experts from across the globe This sudden shift saw some great minds who contributed to the entire age of programming far greater than most We saw the great GNU project take shape during this era We came across the rather brilliant Linux New programming languages were born as well and people certainly enjoyed these to the utmost While most of these programming languages worked there was something that was missing Surely something could be done to make coding a less tedious task to do and carry out That is exactly what a

revolutionary new language named after Monty Python's Flying Circus did for the world. Immediately coding became so much easier for programmers. The use of this language started gaining momentum and today it is set to overtake the only language that stands before it to claim the prestigious spot of being the world's most favored language. This language was the brainchild of Guido Van Rossum. Created in the year 1991, Python has become a byword for efficient and user-friendly programming. This language is what connected the dots and gave programmers the much-needed ease of coding that they have since been yearning for. Naturally, the language was received well by the programming community. Today it is one of the most important languages for both professionals and students who aim to excel in fields like Machine Learning, automation, artificial intelligence, and so much more. With real-life examples showing a wide variety of use, Python is now living and breathing in almost every major social platform, web application, and website. All of this sounds interesting and exciting at the same time, but what if you have no prior knowledge about programming? What if you have no understanding of basic concepts and you wish to learn Python? This book covers Python: The First Impressions, Getting ready for Python, The world of Variables and Operators, Making Your Program Interactive, List, Tuples, and dictionaries, Functions and Modules, Working with Files, Object-Oriented Programming, and much more. I am happy to report that this book will provide you with every possible chance of learning Python and allow you to jump start your journey into the world of programming. This book is ideally meant for people who have zero understanding of programming and/or may have never coded a single line of program before. I will walk you through all the basic steps from installation to application. We will look into various aspects of the language and hopefully provide you with real-life examples to further explain the importance of such aspects. The idea of this book is to prepare you as you learn the core concepts of Python. Buy It Now and Let Your Customers Get Addicted To This Amazing Book.

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