Learn Python In One Day And Learn It Well Python For Beginners With Hands On Project The Only You Need To Start Coding In Python Immediately

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Python Programming for Beginners - Chris Sebastian 2019-01-24
♦♦Bonus: Buy the Paperback version of this book, and get the kindle eBook version included for FREE** If you have been trying to learn the Python program for some time now and you have decided this is the time, Python for Beginners is the book that you should get. Start as a beginner and finish as a pro. Not only because of the information that you get from the book, also because of the motivation.Learning about Python the easy way should be your motto. Most of the content that you are likely to find out there about Python is likely to leave you halfway asleep. However, even though this book has technical stuff (because it is needed), will also give you some fun facts about Python, keep you entertained ,and most importantly, informed. It is important to have a book that can guide you during your first stages of becoming a programmer. When it comes to learning about something as crucial as this, you want to make sure that the first thing you read guides you well - a book that you can refer to from time to time when you want to look into something that concerns the program. The book will give insights about the two major versions of Python that is Python 2 and 3. You will get to know their differences. You will know the importance of coding and why you need to come up with a good code. If you have been wondering how to install Python on either your Windows or Mac operating system, this is your chance to learn. You will get a step by step guide on how to program via the Tkinter tutorial. There is a lot of information on this book that will prove to be helpful.As a beginner, you will need a lot of information that will add value to your agenda. If you have a dream of one day programming a software with the Python program, don't start tomorrow - start today! It is important to have a guide that will give you useful throughout your journey. You need to stop procrastinating and start learning how to code the easy way! Start your journey once you buy this book! Inside you will find ●The difference between Python 2 and 3 and how they both work ●A step-by-step guide that will tell you how to install the program on both Windows and Mac ●The organization of the Python code ●The functions that are in Python and why you should use Python while programming ●Learn about the classes and objects in Python ●Get to know how Python code is organized and the importance of writing a good code ●This and more..... So what are you waiting for???Scroll back up and order this book NOW.

Python for Kids - Jason Briggs 2012-12-12
Python is a powerful, expressive programming language that's easy to learn and fun to use! But books about learning to program in Python can be kind of dull, gray, and boring, and that's no fun for anyone. Python for Kids brings Python to life and brings you (and your parents) into the world of programming. The ever-patient Jason R. Briggs will guide you through the basics as you experiment with unique (and often hilarious) example programs that feature ravenous monsters, secret agents, thieving ravens, and more. New terms are defined; code is colored, dissected, and explained; and quirky, full-color illustrations keep things on the lighter side. Chapters end with programming puzzles designed to stretch your brain and strengthen your understanding. By the end of the book you'll have programmed two complete games: a clone of the famous Pong and "Mr. Stick Man Races for the Exit"—a platform game with jumps, animation, and much more. As you strike out on your programming adventure, you'll learn how to: –Use fundamental data structures like lists, tuples, and maps –Organize and reuse your code with functions and modules –Use control structures like loops and conditional statements –Draw shapes and patterns with Python's turtle module –Create games, animations, and other graphical wonders with tkinter Why should serious adults have all the fun? Python for Kids is your ticket into the amazing world of computer programming. For kids ages 10+ (and their parents) The code in this book runs on almost anything: Windows, Mac, Linux, even an OLPC laptop or Raspberry Pi!

Python for MBAs - Mattan Griffel 2021-05-04
From the ads that track us to the maps that guide us, the twenty-first century runs on code. The business world is no different. Programming has become one of the fastest-growing topics at business schools around the world. An increasing number of MBAs are choosing to pursue careers in tech. For them and other professionals, having some basic coding knowledge is a must. This book is an introduction to programming with Python for MBA students and others in business positions who need a crash course. One of the most popular programming languages, Python is used for tasks such as building and running websites, data analysis, machine learning, and natural-language processing. Drawing on years of experience providing instruction in this material at Columbia Business School as well as extensive backgrounds in technology, entrepreneurship, and consulting, Mattan Griffel and Daniel Guetta teach the basics of programming from scratch. Beginning with fundamentals such as variables, strings, lists, and functions, they build up to data analytics and practical ways to derive value from large and complex datasets. They focus on business use cases throughout, using the real-world example of a major restaurant chain to offer a concrete look at what Python can do. Written for business students with no previous coding experience and those in business roles that include coding or working with coding teams, Python for MBAs is an indispensable introduction to a versatile and powerful programming language.

Pragmatic AI - Noah Gift 2018-07-12
Master Powerful Off-the-Shelf Business Solutions for AI and Machine Learning Pragmatic AI will help you solve real-world problems with contemporary machine learning, artificial intelligence, and cloud computing tools. Noah Gift demystifies all the concepts and tools you need to get results—even if you don't have a strong background in math or data science. Gift illuminates powerful off-the-shelf cloud offerings from Amazon, Google, and Microsoft, and demonstrates proven techniques using the Python data science ecosystem. His workflows and examples help you streamline and simplify every step, from deployment to production, and build exceptionally scalable solutions. As you learn how machine language (ML) solutions work, you'll gain a more intuitive understanding of what you can achieve with them and how to maximize their value. Building on these fundamentals, you'll walk step-by-step through building cloud-based AI/ML applications to address realistic issues in sports marketing, project management, product pricing, real estate, and beyond. Whether you're a business professional, decision-maker, student, or programmer, Gift's expert guidance and wide-ranging case studies will prepare you to solve data science problems in virtually any environment. Get and configure all the tools you'll need Quickly review all the Python you need to start building machine learning applications Master the AI and ML toolchain and project lifecycle Work with

Python data science tools such as IPython, Pandas, Numpy, Juypter Notebook, and Sklearn Incorporate a pragmatic feedback loop that continually improves the efficiency of your workflows and systems Develop cloud AI solutions with Google Cloud Platform, including TPU, Colaboratory, and Datalab services Define Amazon Web Services cloud AI workflows, including spot instances, code pipelines, boto, and more Work with Microsoft Azure AI APIs Walk through building six real-world AI applications, from start to finish Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

A Day in Code- Python - Shari Eskenas 2021-07-27
For kids and beginners of all ages, this picture book teaches you how to code in the Python programming language through an illustrated story. Learning Python has never been this fun...or fast!

Learn Python Programming - Fabrizio Romano 2021-10-29
Get up and running with Python 3.9 through concise tutorials and practical projects in this fully updated third edition Key FeaturesExtensively revised with richer examples, Python 3.9 syntax, and new chapters on APIs and packaging and distributing Python codeDiscover how to think like a Python programmerLearn the fundamentals of Python through real-world projects in API development, GUI programming, and data scienceBook Description Learn Python Programming, Third Edition is both a theoretical and practical introduction to Python, an extremely flexible and powerful programming language that can be applied to many disciplines. This book will make learning Python easy and give you a thorough understanding of the language. You'll learn how to write programs, build modern APIs, and work with data by using renowned Python data science libraries. This revised edition covers the latest updates on API management, packaging, applications, and testing. There is also broader coverage of context managers and an updated data science chapter. The book empowers you to take ownership of writing your software and become independent in fetching the resources you need. You will have a clear idea of where to go and how to build on what you have learned from the book. Through examples, the book explores a wide range of applications and concludes by building real-world Python projects based on the concepts you have learned. What you will learnGet Python up and running on Windows, Mac, and LinuxWrite elegant, reusable, and efficient code in any situationAvoid common pitfalls like duplication, complicated design, and over-engineeringUnderstand when to use the functional or object-oriented approach to programmingBuild a simple API with FastAPI and program GUI applications with TkinterGet an initial overview of more complex topics such as data persistence and cryptographyFetch, clean, and manipulate data, making efficient use of Python's built-in data structuresWho this book is for This book is for everyone who wants to learn Python from scratch, as well as experienced programmers looking for a reference book. Prior knowledge of basic programming concepts will help you follow along, but it's not a prerequisite.

Deep Learning for Coders with fastai and PyTorch - Jeremy Howard 2020-06-29
Deep learning is often viewed as the exclusive domain of math PhDs and big tech companies. But as this hands-on guide demonstrates, programmers comfortable with Python can achieve impressive results in deep learning with little math background, small amounts of data, and minimal code. How? With fastai, the first library to provide a consistent interface to the most frequently used deep learning applications. Authors Jeremy Howard and Sylvain Gugger, the creators of fastai, show you how to train a model on a wide range of tasks using fastai and PyTorch. You'll also dive progressively further into deep learning theory to gain a complete understanding of the algorithms behind the scenes. Train models in computer vision, natural language processing, tabular data, and collaborative filtering Learn the latest deep learning techniques that matter most in practice Improve accuracy, speed, and reliability by understanding how deep learning models work Discover how to turn your models into web applications Implement deep learning algorithms from scratch Consider the ethical implications of your work Gain insight from the foreword by PyTorch cofounder, Soumith Chintala

Learn Python the Hard Way - Zed Shaw 2014
Accompanying DVD-ROM contains 5+ hours of teaching, a complete Python video course.

Python Basics - Dan Bader 2021-03-16
Make the Leap From Beginner to Intermediate in Python... Python Basics: A Practical Introduction to Python 3 Your Complete Python Curriculum-With Exercises, Interactive Quizzes, and Sample Projects What

should you learn about Python in the beginning to get a strong foundation? With Python Basics, you'll not only cover the core concepts you really need to know, but you'll also learn them in the most efficient order with the help of practical exercises and interactive quizzes. You'll know enough to be dangerous with Python, fast! Who Should Read This Book If you're new to Python, you'll get a practical, step-by-step roadmap on developing your foundational skills. You'll be introduced to each concept and language feature in a logical order. Every step in this curriculum is explained and illustrated with short, clear code samples. Our goal with this book is to educate, not to impress or intimidate. If you're familiar with some basic programming concepts, you'll get a clear and well-tested introduction to Python. This is a practical introduction to Python that jumps right into the meat and potatoes without sacrificing substance. If you have prior experience with languages like VBA, PowerShell, R, Perl, C, C++, C#, Java, or Swift the numerous exercises within each chapter will fast-track your progress. If you're a seasoned developer, you'll get a Python 3 crash course that brings you up to speed with modern Python programming. Mix and match the chapters that interest you the most and use the interactive quizzes and review exercises to check your learning progress as you go along. If you're a self-starter completely new to coding, you'll get practical and motivating examples. You'll begin by installing Python and setting up a coding environment on your computer from scratch, and then continue from there. We'll get you coding right away so that you become competent and knowledgeable enough to solve real-world problems, fast. Develop a passion for programming by solving interesting problems with Python every day! If you're looking to break into a coding or data-science career, you'll pick up the practical foundations with this book. We won't just dump a boat load of theoretical information on you so you can "sink or swim"-instead you'll learn from hands-on, practical examples one step at a time. Each concept is broken down for you so you'll always know what you can do with it in practical terms. If you're interested in teaching others "how to Python," this will be your guidebook. If you're looking to stoke the coding flame in your coworkers, kids, or relatives-use our material to teach them. All the sequencing has been done for you so you'll always know what to cover next and how to explain it. What Python Developers Say About The Book: "Go forth and learn this amazing language using this great book." - Michael Kennedy, Talk Python "The wording is casual, easy to understand, and makes the information flow well." - Thomas Wong, Pythonista "I floundered for a long time trying to teach myself. I slogged through dozens of incomplete online tutorials. I snoozed through hours of boring screencasts. I gave up on countless crufty books from big-time publishers. And then I found Real Python. The easy-to-follow, step-by-step instructions break the big concepts down into bite-sized chunks written in plain English. The authors never forget their audience and are consistently thorough and detailed in their explanations. I'm up and running now, but I constantly refer to the material for guidance." - Jared Nielsen, Pythonista

Python Programming for Beginners - Elite Tech Academy 2017-11-19
Are You Ready To Learn Python Fast and Learn it Well? Have you always wanted to learn Python programming but are afraid it'll be too difficult for you? What if you had access to a Python guide that literally takes you step by step through every essential process of learning the python language? This book is for you. Enough of wasting your time and money learning Python from lengthy books, expensive online courses or complicated Python tutorials. ****Bonus Included Inside**** Download your FREE Python Cheat sheet! Here's What You'll Learn From This Python For Beginners Book: - What is Python? - Why you should Learn Python? - What software you need to code and run Python programs? - What are Variables and Data Operators? - What are the common data types in Python? - What are Lists and Tuples? - How to format strings - What are functions and modules? - How to define your own functions and modules? - Decision Making and Flow Control in Python - How to accept user inputs and display output? - How to control the flow of program with loops? - How to handle errors and exceptions? - How to work with external files? - What are regular expressions? - And much more!! Finally, you'll be guided through two Practice Sets that require the application of all the topics covered. So What Are You Waiting For? Click the BUY button now to start learning Python. Tags: ------------ Python, Object-oriented Python, Python crash course, Python book, learn Python, Python language, Python 3, Python examples, Python tutorials, Python programming language, Python coding, Python programming for beginners, Python for Dummies

Python Tutorial - Guido Rossum 2018-06-19

Python is an easy to learn, powerful programming language. It has efficient high-level data structures and a simple but effective approach to object-oriented programming. Python's elegant syntax and dynamic typing, together with its interpreted nature, make it an ideal language for scripting and rapid application development in many areas on most platforms. The Python interpreter and the extensive standard library are freely available in source or binary form for all major platforms from the Python Web site, https://www.python.org/, and may be freely distributed. The same site also contains distributions of and pointers to many free third party Python modules, programs and tools, and additional documentation. The Python interpreter is easily extended with new functions and data types implemented in C or C++ (or other languages callable from C). Python is also suitable as an extension language for customizable applications. This tutorial introduces the reader informally to the basic concepts and features of the python language and system. It helps to have a Python interpreter handy for hands-on experience, but all examples are self contained, so the tutorial can be read off-line as well. For a description of standard objects and modules, see library-index. reference-index gives a more formal definition of the language. To write extensions in C or C++, read extending-index and c-api-index. There are also several books covering Python in depth. This tutorial does not attempt to be comprehensive and cover every single feature, or even every commonly used feature. Instead, it introduces many of Python's most noteworthy features, and will give you a good idea of the language's flavor and style. After reading it, you will be able to read and write Python modules and programs, and you will be ready to learn more about the various Python library modules described in library-index. The Glossary is also worth going through.

Learn Python in One Day - Moaml Mohmmed 2019-07-29
How many times have you thought about learning how to code but got discouraged because you had no technical background, didn't have the time to learn, or you just didn't think you were smart enough?Well, we have good news for you. You Don't Need An Expensive Computer Science Degree, A 500 Page Textbook or A Genius Mind To Learn The Basics Of Python Programming!Amazon bestselling author, moaml mohmmed, provides a concise, step-by-step guide to Python programming for beginners. A lot of examples, illustrations, end of chapter summary and practice exercises (with solutions) are provided to help the reader learn faster, remember longer and develop a thorough understanding of key concepts. In This Book, you'll discover: A concise. Simple. Newby friendly style of teaching that lends itself well to beginnersChapters that have been sliced into bite-size chunks to give you the information you need (at that point in time) so you're not overwhelmed.Lots of simple, step-by-step examples and illustrations are used to emphasis key concepts and help improve your understandingEach practice exercise builds on concepts discussed in previous chapters so your learning is reinforced as you progress.Topics are carefully selected to give you a broad exposure to Python, while not overwhelming you with too much (potentially unnecessary) information.An end of chapter summary is presented to give you key take aways that help you solidify your understandingPLUS, BONUS MATERIALS: The first few pages of this book will show you how to download an answer booklet that summarizes all the solution to the practice exercises presented in this book. You no longer have to waste your time and money trying to learn Python from expensive online courses, college degrees or unnecessarily long textbooks that leave you thousands of dollars in debt, more confused and frustrated. If you're ready to learn the basics of python programming 5 days from TODAY, grab a copy of this book today! Learn Python In 1 Day With Step-by-Step Guidance And Hands-On Exercises (Python Programming, Python Crash Course, Programming For Beginners) (Coding Made Easy Book)

Python in 24 Hours, Sams Teach Yourself - Katie Cunningham 2013-09-10
In just 24 sessions of one hour or less, Sams Teach Yourself Python in 24 Hours will help you get started fast, master all the core concepts of programming, and build anything from websites to games. Using this book's straightforward, step-by-step approach, you'll move from the absolute basics through functions, objects, classes, modules, database integration, and more. Every lesson and case study application builds on what you've already learned, giving you a rock-solid foundation for real-world success! Step-by-step instructions carefully walk you through the most common Python development tasks. Quizzes and Exercises at the end of each chapter help you test your knowledge. Notes present interesting information related to the discussion. Tips offer advice or show you easier ways to perform tasks. Warnings alert you to possible problems and give you advice on how to avoid them. Learn how to… Install and run the right version of

Python for your operating system Store, manipulate, reformat, combine, and organize information Create logic to control how programs run and what they do Interact with users or other programs, wherever they are Save time and improve reliability by creating reusable functions Master Python data types: numbers, text, lists, and dictionaries Write object-oriented programs that work better and are easier to improve Expand Python classes to make them even more powerful Use third-party modules to perform complex tasks without writing new code Split programs to make them more maintainable and reusable Clearly document your code so others can work with it Store data in SQLite databases, write queries, and share data via JSON Simplify Python web development with the Flask framework Quickly program Python games with PyGame Avoid, troubleshoot, and fix problems with your code

Learning Python - Mark Lutz 2013-06-12
Get a comprehensive, in-depth introduction to the core Python language with this hands-on book. Based on author Mark Lutz's popular training course, this updated fifth edition will help you quickly write efficient, high-quality code with Python. It's an ideal way to begin, whether you'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 3.3— the latest releases in the 3.X and 2.X lines—plus all other releases in common use today. You'll also learn some advanced language features that recently have become more common in Python code. Explore Python's major built-in object types such as numbers, lists, and dictionaries Create and process objects with Python statements, and learn Python's general syntax model Use functions to avoid code redundancy and package code for reuse Organize statements, functions, and other tools into larger components with modules Dive into classes: Python's object-oriented programming tool for structuring code Write large programs with Python's exception-handling model and development tools Learn advanced Python tools, including decorators, descriptors, metaclasses, and Unicode processing

Learn Python in One Hour - Victor R. Volkman 2017-11-15
You?re already a smart person, you don?t need a 1000+ page book to get you started on the web?s fastest growing programming platform. Instead,ÿLearn Python in One HourÿWdelivers on the promise of code literacy while saving your most precious commodity ? time itself. Volkman?s innovative programming-by-example approach means you focus on usage, not mindless detail. Based on the author?s sold-out live seminars, you?ll see Python?s flexible coding technique in action as we refactor from script to procedural to object-oriented during actual problem solving. In a twelve-lesson progression, you?ll be exposed to this and more:

1. Basic file input and output operations, incuding exceptions
2. Using functions to compute and returnÿ multiple values
3. Basic elements of a class definition and how to call methods
4. Lists, dictionaries, sets, and other collections
5. Iteration through collections, files, sorted sets
6. Searching strings with regular expressions (regex)
7. Client and server programs forÿREST methods
8. Using threadsÿin Python for multiple tasks
9. CGI-BIN programmingÿfor simple HTML Forms processing
10. Six most common Python pitfalls Take the One Hour challenge and see if you too can pick up 90% of syntax and semantics in less time than you probably spend commuting each day. About the AuthorÿVictor R. Volkman graduatedÿcum laudeÿfrom Michigan Technological University with a BS in Computer Science in 1986. Since then, he has written for numerous publications, includingÿThe C Gazette, C++ Users Journal, Windows Developers Journal,ÿand many others. He has taught college-level programming courses at Washtenaw Community College and has served on its Computer Information Science (CIS) Faculty Advisory Board for more than a decade. Volkman says Python helped him "rediscover the joy of programming again." www.volkman.org FromÿModern Software Press

Python 101 - Michael Driscoll 2014-06-03
Learn how to program with Python from beginning to end. This book is for beginners who want to get up to speed quickly and become intermediate programmers fast!

Learning How to Learn - Barbara Oakley, PhD 2018-08-07
A surprisingly simple way for students to master any subject--based on one of the world's most popular online courses and the bestselling book A Mind for Numbers A Mind for Numbers and its wildly popular online companion course "Learning How to Learn" have empowered more than two million learners of all ages from around the world to master subjects that they once struggled with. Fans often wish they'd discovered these learning strategies earlier and ask how they can help their kids master these skills as well. Now in this new book for kids and teens, the authors reveal how to make the most of time spent studying. We all have the tools to learn what might not seem to come naturally to us at first--the secret is to understand how the brain works so we can unlock its power. This book explains: • Why sometimes letting your mind wander is an important part of the learning process • How to avoid "rut think" in order to think outside the box • Why having a poor memory can be a good thing • The value of metaphors in developing understanding • A simple, yet powerful, way to stop procrastinating Filled with illustrations, application questions, and exercises, this book makes learning easy and fun.

Python for Everybody - Charles R. Severance 2016-04-09
Python for Everybody is designed to introduce students to programming and software development through the lens of exploring data. You can think of the Python programming language as your tool to solve data problems that are beyond the capability of a spreadsheet.Python is an easy to use and easy to learn programming language that is freely available on Macintosh, Windows, or Linux computers. So once you learn Python you can use it for the rest of your career without needing to purchase any software.This book uses the Python 3 language. The earlier Python 2 version of this book is titled "Python for Informatics: Exploring Information".There are free downloadable electronic copies of this book in various formats and supporting materials for the book at www.pythonlearn.com. The course materials are available to you under a Creative Commons License so you can adapt them to teach your own Python course.

Learn Python Programming - Fabrizio Romano 2018-06-29
Build a solid foundation in coding by utilizing the language and its core characteristics Key Features Leverage the features of Python programming through easy-to-follow examples Develop a strong set of programming skills that can be applied on all platforms Create GUIs and data science-based applications Book Description Learn Python Programming creates a foundation for those who are interested in developing their skills in Python programming. The book starts with the fundamentals of programming with Python and ends by exploring different topics such as GUIs and real-world apps. You will begin by exploring the foundations of and fundamental topics on Python and learn to manipulate them. Then, you'll explore different programming paradigms that will allow you to find the best approach to a situation, and you'll also understand how to carry out performance optimization as well as effective debugging. As you make your way through the chapters, you'll control the flow of a program, and persist and utilize an interchange format to exchange data. You'll also walk through cryptographic services in Python and understand secure tokens. Throughout, the book covers various types of applications, and it concludes with building real-world applications based on all the concepts that you learned. By the end of the book, you'll have a proper understanding of the Python language and a solid grasp on how to work with data. You'll know how to quickly build a website and harness the power of Python's renowned data science libraries. What you will learn Get Python up and running on Windows, Mac, and Linux Grasp fundamental concepts of coding using data structures and control flow Write elegant, reusable, and efficient code in any situation Understand when to use the functional or object-oriented programming (OOP) approach Walk through the basics of security and concurrent/asynchronous programming Create bulletproof, reliable software by writing tests Explore examples of GUIs, scripting, and data science Who this book is for Learn Python Programming is for individuals with relatively little experience in coding or Python. It's also ideal for aspiring programmers who need to write scripts or programs to accomplish tasks. The book takes you all the way to creating a full-fledged application.

Python Programming - John Russel 2019-11-17
Unsure where to get started with coding? Worried that learning a coding language will take too long? Or do you want to learn Python in 7 days? The truth is...Learning a new coding language is not always as easy as it may seem, and it can take months to master it. Some beginners are worried that working with this kind of

language is going to be difficult and they give up before trying. The solution is a 7 Day crash course with hands-on projects and examples that will allow you to finally master the easiest programming language. In just seven days, you will be able to go form a complete beginner in the world of programming and Python and turn yourself into an expert instead. And that's what you'll learn Python Programming. DOWNLOAD: Python Programming -- A 7-Day Crash Course to Learn Python Language for the Absolute Beginner You will learn: Why Python is Considered One of the Best Languages to Learn as a Beginner Step-by-Step Instructions to Install the Python Language to Make it Easier to Start Coding A Proven Method to Write your First Program in 7 Days or Less How to Handle Strings, Operators, Conditional Statements A Simple Strategies to Write Clean, Understandable and Flexible Code How to Create, Open Up and Seek Out Files Practical Exercises to Quickly Get Practice What is Debugging and why Is Fundamental With the help of Python Programming, you will be able to learn more about how coding in this language works, and how even someone with no coding experience can make it work. While it may seem like you need to put aside months to see results out of learning a coding language, Python is a simple language to learn. With the help of this guidebook, you will be able to master all of the basic skills of Python in just seven days. Would You Like to Know More? Download Now to Master Python Programming! Scroll up and click "BUY NOW with 1-Click" to get your copy now!

Learn Python 3 the Hard Way - Zed A. Shaw 2017-06-26
You Will Learn Python 3! Zed Shaw has perfected the world's best system for learning Python 3. Follow it and you will succeed—just like the millions of beginners Zed has taught to date! You bring the discipline, commitment, and persistence; the author supplies everything else. In Learn Python 3 the Hard Way, you'll learn Python by working through 52 brilliantly crafted exercises. Read them. Type their code precisely. (No copying and pasting!) Fix your mistakes. Watch the programs run. As you do, you'll learn how a computer works; what good programs look like; and how to read, write, and think about code. Zed then teaches you even more in 5+ hours of video where he shows you how to break, fix, and debug your code—live, as he's doing the exercises. Install a complete Python environment Organize and write code Fix and break code Basic mathematics Variables Strings and text Interact with users Work with files Looping and logic Data structures using lists and dictionaries Program design Object-oriented programming Inheritance and composition Modules, classes, and objects Python packaging Automated testing Basic game development Basic web development It'll be hard at first. But soon, you'll just get it—and that will feel great! This course will reward you for every minute you put into it. Soon, you'll know one of the world's most powerful, popular programming languages. You'll be a Python programmer. This Book Is Perfect For Total beginners with zero programming experience Junior developers who know one or two languages Returning professionals who haven't written code in years Seasoned professionals looking for a fast, simple, crash course in Python 3

Automate the Boring Stuff with Python, 2nd Edition - Al Sweigart 2019-11-12
The second edition of this best-selling Python book (over 500,000 copies sold!) uses Python 3 to teach even the technically uninclined how to write programs that do in minutes what would take hours to do by hand. There is no prior programming experience required and the book is loved by liberal arts majors and geeks alike. If you've ever spent hours renaming files or updating hundreds of spreadsheet cells, you know how tedious tasks like these can be. But what if you could have your computer do them for you? In this fully revised second edition of the best-selling classic Automate the Boring Stuff with Python, you'll learn how to use Python to write programs that do in minutes what would take you hours to do by hand--no prior programming experience required. You'll learn the basics of Python and explore Python's rich library of modules for performing specific tasks, like scraping data off websites, reading PDF and Word documents, and automating clicking and typing tasks. The second edition of this international fan favorite includes a brand-new chapter on input validation, as well as tutorials on automating Gmail and Google Sheets, plus tips on automatically updating CSV files. You'll learn how to create programs that effortlessly perform useful feats of automation to: • Search for text in a file or across multiple files • Create, update, move, and rename files and folders • Search the Web and download online content • Update and format data in Excel spreadsheets of any size • Split, merge, watermark, and encrypt PDFs • Send email responses and text notifications • Fill out online forms Step-by-step instructions walk you through each program, and updated

practice projects at the end of each chapter challenge you to improve those programs and use your newfound skills to automate similar tasks. Don't spend your time doing work a well-trained monkey could do. Even if you've never written a line of code, you can make your computer do the grunt work. Learn how in Automate the Boring Stuff with Python, 2nd Edition.

Learn Python in 1 Day - Krishna Rungta 2018-10-25
If you are one of them who easily get scared of Python's long, complicated code, then this e-book is for you. Python is a powerful programming language used on various platforms like video streaming and file hosting services. Getting proficient in Python language means you are capable of creating scientific applications, data sciences or machine learning algorithm. The biggest advantage of Python is that it is a free language, and anyone can change, correct or improve the algorithm. If you want to learn Python real fast, this course can be helpful to you. It extracted some complex concepts of Python and explained them into simple steps. The e-book made Python so simple that you can easily master the Python language even if you have never coded before. The e-book has covered various Python coding concepts like classes, objects, tuples, strings, and so on. The examples are chosen carefully to illustrate all the Python concepts in easy to understand for beginners. The book also links to the additional course, guidance and tutorials for further reference. Even kids can use this e-book as a Python dictionary, where they can quickly learn Python programming concepts. Table Of Content Chapter 1: Install Python Chapter 2: Creating Your First Python Program Chapter 3: Python Main Function Chapter 4: Variables Chapter 5: Strings Chapter 6: TUPLE Chapter 7: Python Dictionary Chapter 8: Operators Chapter 9: Functions Chapter 10: IF Statement Chapter 11: Loops Chapter 12: Class & Objects Chapter 13: Regular Expressions Chapter 14: Date, time and datetime classes in Python Chapter 15: Calendar Chapter 16: Reading and Writing Files in Python Chapter 17: If File or Directory Exists Chapter 18: Python COPY File Chapter 19: Python Rename File Chapter 20: Python ZIP file Chapter 21: Accessing Internet Data with Python Chapter 22: Manipulating XML with Python The e-book has used screenshot and graphics explicitly for explaining code examples. With this Python crash course, you will discover that Python is not what that lengthy books, expensive online courses or complicated Python tutorial books have projected. After reading this Python book, you will not only gain knowledge but able to retain the knowledge for longer.

Python Pocket Reference - Mark Lutz 2014-01-22
Updated for both Python 3.4 and 2.7, this convenient pocket guide is the perfect on-the-job quick reference. You'll find concise, need-to-know information on Python types and statements, special method names, built-in functions and exceptions, commonly used standard library modules, and other prominent Python tools. The handy index lets you pinpoint exactly what you need. Written by Mark Lutz—widely recognized as the world's leading Python trainer—Python Pocket Reference is an ideal companion to O'Reilly's classic Python tutorials, Learning Python and Programming Python, also written by Mark. This fifth edition covers: Built-in object types, including numbers, lists, dictionaries, and more Statements and syntax for creating and processing objects Functions and modules for structuring and reusing code Python's object-oriented programming tools Built-in functions, exceptions, and attributes Special operator overloading methods Widely used standard library modules and extensions Command-line options and development tools Python idioms and hints The Python SQL Database API

Serious Python - Julien Danjou 2018-12-31
An indispensable collection of practical tips and real-world advice for tackling common Python problems and taking your code to the next level. Features interviews with high-profile Python developers who share their tips, tricks, best practices, and real-world advice gleaned from years of experience. Sharpen your Python skills as you dive deep into the Python programming language with Serious Python. You'll cover a range of advanced topics like multithreading and memorization, get advice from experts on things like designing APIs and dealing with databases, and learn Python internals to help you gain a deeper understanding of the language itself. Written for developers and experienced programmers, Serious Python brings together over 15 years of Python experience to teach you how to avoid common mistakes, write code more efficiently, and build better programs in less time. As you make your way through the book's extensive tutorials, you'll learn how to start a project and tackle topics like versioning, layouts, coding style, and automated checks. You'll learn how to package your software for distribution, optimize performance, use

the right data structures, define functions efficiently, pick the right libraries, build future-proof programs, and optimize your programs down to the bytecode. You'll also learn how to: - Make and use effective decorators and methods, including abstract, static, and class methods - Employ Python for functional programming using generators, pure functions, and functional functions - Extend flake8 to work with the abstract syntax tree (AST) to introduce more sophisticated automatic checks into your programs - Apply dynamic performance analysis to identify bottlenecks in your code - Work with relational databases and effectively manage and stream data with PostgreSQL If you've been looking for a way to take your Python skills from good to great, Serious Python will help you get there. Learn from the experts and get seriously good at Python with Serious Python!

PYTHON PROGRAMMING - Clive Campbell 2020-12-23
THIS BOOK INCLUDES: Python for beginners PYTHON PROGRAMMING - The Ultimate Guide from beginners to Experts PYTHON PROGRAMMING - The Ultimate Expert Guide . You Are About to Discover The Ins And Outs Of Python Programming Language From The Basics To Its Application In Advanced Computing Concepts Like Machine Learning, Computer Science, Artificial Intelligence And More! Python is now: The preferred programming language for advanced computing concepts like data analytics, machine learning, artificial intelligence, big data, computer science and more The most taught first programming language One of the most common used programming languages in the world The programming language that has been used to write code for important processes on some of the most popular websites in the world like Facebook, Dropbox, Google Maps, YouTube, Instagram and many others Do you know why? The short answer is "because it works". And the long answer is this: "It is highly scalable, easy to use, with a rich powerful library that make it possible to use it for everything from writing simple code to advanced computing, a very active online community, a large collection of third party modules and packages as well as the fact that it also supports object oriented development!" By virtue that you are reading this, it is clear you want to start learning programming with python, from the basics all the way to the advanced computing stuff. And this 3 in 1 book is about to show you the ins and outs of python to do just that. I know you have lots of questions going through your mind... Where exactly do you start as you learn python? Why should you make python your programming language of choice whether you are a complete beginner to programming or not? How do you write your first program with python? How can you start using python for advanced computing stuff like artificial intelligence, robotics, machine learning, data analytics, big data, data science and the likes? If you have these and other related questions, this 3 in 1 book is for you so keep reading. More precisely, this 3 in 1 book will teach you: An in-depth analysis of python; what it is and how to install it on different operating systems How you stand to benefit by learning Python Why python is considered the most suitable programming language for advanced computing such as in machine learning, deep learning, artificial intelligence etc. Steps to take to write your very first program on python Step by step process to perform data analysis with python Everything you need to know about variables in python The most suitable python libraries you should use for advanced computing How to leverage the power of python to handle a variety of machine learning algorithms How you can insert comments in python to keep your code clean How to work with files on python Simple projects to get you started with python Varied data types used in python Powerful tips for successful use of python and how to handle any problems in code that may arise And MUCH MORE! Even if this is your first programming language to learn, you are in safe hands, as this book will break down the seemingly complex terms and concepts using simple, straightforward language to enable you put what you learn into action. Click Buy Now to get started!

Head First Python - Paul Barry 2016-11-21
Want to learn the Python language without slogging your way through how-to manuals? With Head First Python, you'll quickly grasp Python's fundamentals, working with the built-in data structures and functions. Then you'll move on to building your very own webapp, exploring database management, exception handling, and data wrangling. If you're intrigued by what you can do with context managers, decorators, comprehensions, and generators, it's all here. This second edition is a complete learning experience that will help you become a bonafide Python programmer in no time. Why does this book look so different? Based on the latest research in cognitive science and learning theory, Head First Pythonuses a visually rich format to engage your mind, rather than a text-heavy approach that puts you to sleep. Why waste your time

struggling with new concepts? This multi-sensory learning experience is designed for the way your brain really works.

Python Workbook - Ben Stephenson 2019-07-05

This student-friendly textbook encourages the development of programming skills through active practice by focusing on exercises that support hands-on learning. The Python Workbook provides a compendium of 186 exercises, spanning a variety of academic disciplines and everyday situations. Solutions to selected exercises are also provided, supported by brief annotations that explain the technique used to solve the problem, or highlight a specific point of Python syntax. This enhanced new edition has been thoroughly updated and expanded with additional exercises, along with concise introductions that outline the core concepts needed to solve them. The exercises and solutions require no prior background knowledge, beyond the material covered in a typical introductory Python programming course. Features: uses an accessible writing style and easy-to-follow structure; includes a mixture of classic exercises from the fields of computer science and mathematics, along with exercises that connect to other academic disciplines; presents the solutions to approximately half of the exercises; provides annotations alongside the solutions, which explain the approach taken to solve the problem and relevant aspects of Python syntax; offers a variety of exercises of different lengths and difficulties; contains exercises that encourage the development of programming skills using if statements, loops, basic functions, lists, dictionaries, files, and recursive functions. Undergraduate students enrolled in their first programming course and wishing to enhance their programming abilities will find the exercises and solutions provided in this book to be ideal for their needs.

Python Crash Course, 2nd Edition - Eric Matthes 2019-05-21

The second edition of the best-selling Python book in the world (over 1 million copies sold!). A fast-paced, no-nonsense guide to programming in Python. Updated and thoroughly revised to reflect the latest in Python code and practices. Python Crash Course is the world's best-selling guide to the Python programming language. This fast-paced, thorough introduction to programming with Python will have you writing programs, solving problems, and making things that work in no time. In the first half of the book, you'll learn basic programming concepts, such as variables, lists, classes, and loops, and practice writing clean code with exercises for each topic. You'll also learn how to make your programs interactive and test your code safely before adding it to a project. In the second half, you'll put your new knowledge into practice with three substantial projects: a Space Invaders-inspired arcade game, a set of data visualizations with Python's handy libraries, and a simple web app you can deploy online. As you work through the book, you'll learn how to: • Use powerful Python libraries and tools, including Pygame, Matplotlib, Plotly, and Django • Make 2D games that respond to keypresses and mouse clicks, and that increase in difficulty • Use data to generate interactive visualizations • Create and customize web apps and deploy them safely online • Deal with mistakes and errors so you can solve your own programming problems If you've been thinking about digging into programming, Python Crash Course will get you writing real programs fast. Why wait any longer? Start your engines and code!

Learn Python in 7 Days - Mohit, 2017-05-25

Learn efficient Python coding within 7 days About This Book Make the best of Python features Learn the tinge of Python in 7 days Learn complex concepts using the most simple examples Who This Book Is For The book is aimed at aspiring developers and absolute novice who want to get started with the world of programming. We assume no knowledge of Python for this book. What You Will Learn Use if else statement with loops and how to break, skip the loop Get acquainted with python types and its operators Create modules and packages Learn slicing, indexing and string methods Explore advanced concepts like collections, class and objects Learn dictionary operation and methods Discover the scope and function of variables with arguments and return value In Detail Python is a great language to get started in the world of programming and application development. This book will help you to take your skills to the next level having a good knowledge of the fundamentals of Python. We begin with the absolute foundation, covering the basic syntax, type variables and operators. We'll then move on to concepts like statements, arrays, operators, string processing and I/O handling. You'll be able to learn how to operate tuples and understand the functions and methods of lists. We'll help you develop a deep understanding of list and tuples and learn python dictionary. As you progress through the book, you'll learn about function parameters and how to use

control statements with the loop. You'll further learn how to create modules and packages, storing of data as well as handling errors. We later dive into advanced level concepts such as Python collections and how to use class, methods, objects in python. By the end of this book, you will be able to take your skills to the next level having a good knowledge of the fundamentals of Python. Style and approach Fast paced guide to get you up-to-speed with the language. Every chapter is followed by an exercise that focuses on building something with the language. The codes of the exercises can be found on the Packt website

Learn C# in One Day and Learn It Well - Jamie Chan 2015-10-27

Master C# Programming with a unique Hands-On Project (Updated for VS Community 2017) Have you always wanted to learn computer programming but are afraid it'll be too difficult for you? Or perhaps you know other programming languages but are interested in learning the C# language fast? This book is for you. You no longer have to waste your time and money learning C# from boring books that are 600 pages long, expensive online courses or complicated C# tutorials that just leave you more confused. What this book offers... C# for Beginners Complex concepts are broken down into simple steps to ensure that you can easily master the C# language even if you have never coded before. Carefully Chosen C# Examples Examples are carefully chosen to illustrate all concepts. In addition, the output for all examples are provided immediately so you do not have to wait till you have access to your computer to test the examples. Careful selection of topics Topics are carefully selected to give you a broad exposure to C#, while not overwhelming you with information overload. These topics include object-oriented programming concepts, error handling techniques, file handling techniques and more. Learn The C# Programming Language Fast Concepts are presented in a "to-the-point" style to cater to the busy individual. With this book, you can learn C# in just one day and start coding immediately. How is this book different... The best way to learn C# is by doing. At the end of the book, you'll be guided through a unique project that requires the application of all the concepts taught previously. Working through the project will not only help you see how it all ties together, it'll also give you an immense sense of achievement and the exhilaration of turning lines of code into a finished product that you can be proud of! Are you ready to dip your toes into the exciting world of C# coding? This book is for you. Click the "Add to Cart" button to buy it now. What you'll learn: Introduction to C#- What is C#? - How to install and run Visual Studio Community 2015? Data types and Operators - What are the common data types in C#? - What are arrays and lists? - How to format C# strings - What is a value type vs reference type? - What are the common C# operators? Object Oriented Programming - What is object oriented programming? - How to write your own classes - What are fields, properties, methods and constructors? - What is encapsulation, inheritance and polymorphism? - What is an abstract class and interface? - What is an enum and struct? Controlling the Flow of a Program- What are condition statements? - How to use control flow statements in C# - What are jump statements? - How to handle errors and exceptions and Others...- How to accept user inputs and display outputs - How to use LINQ to save yourself from hours of work - How to work with external files ...and so much more.... Finally, you'll be guided through a hands-on project that requires the application of all the topics covered. Click the BUY button at the top of this page now to start learning C#. Learn it fast and learn it well.

Learn Python Quickly - Code Quickly 2020-03-10

Python has gone to be one of the most popular programming languages in the world, and you will be one of the few people left out if you don't add this knowledge to your arsenal. If you're looking to learn Python, now is an excellent time to do so. But where do you begin? You can start right here, right now, with this book. It makes learning Python simple, fast, and easy, taking away the confusion from learning a new language. When learning a new language, it's easy to be overwhelmed and not know where to start or what to focus on. You can spend a long time pursuing tutorials online only to find out you don't really understand any of the concepts they covered. That won't be a problem here! This book follows a step by step guide, walking you through everything you need to know about Python in an easy to follow fashion. It will teach you all the basics of Python, and even some of the more advanced Python concepts, taking you from beginner to intermediate Python programmer. This book will give you: A solid foundation in Python programming. Intermediate and advanced topics once you've mastered the basics. Simple explanations of code, broken down into easy to follow steps. Python programming exercises and solutions. Two projects at the end of the book designed to help you bring all the concepts you've learned together. Source code files

you can refer to and run on your computer.

Learn Python in One Day and Learn It Well - Jamie Chan 2015-01-07
Master Python Programming with a unique Hands-On Project Have you always wanted to learn computer programming but are afraid it'll be too difficult for you? Or perhaps you know other programming languages but are interested in learning the Python language fast? This book is for you. You no longer have to waste your time and money learning Python from lengthy books, expensive online courses or complicated Python tutorials. What this book offers... Python for Beginners Complex concepts are broken down into simple steps to ensure that you can easily master the Python language even if you have never coded before. Carefully Chosen Python Examples Examples are carefully chosen to illustrate all concepts. In addition, the output for all examples are provided immediately so you do not have to wait till you have access to your computer to test the examples. Learn The Python Programming Language Fast Concepts are presented in a "to-the-point" style to cater to the busy individual. With this book, you can learn Python in just one day and start coding immediately. How is this book different... The best way to learn Python is by doing. This book includes a complete project at the end of the book that requires the application of all the concepts taught previously. Working through the project will not only give you an immense sense of achievement, it"ll also help you retain the knowledge and master the language. Are you ready to dip your toes into the exciting world of Python coding? This book is for you. Click the "Add to Cart" button to buy it now. What you'll learn: What is Python? What software you need to code and run Python programs? What are variables? What mathematical operators are there in Python? What are the common data types in Python? What are Lists and Tuples? How to format strings How to accept user inputs and display outputs How to make decisions with If statements How to control the flow of program with loops How to handle errors and exceptions What are functions and modules? How to define your own functions and modules How to work with external files .. and more... Finally, you'll be guided through a hands-on project that requires the application of all the topics covered. Click the "Add to Cart" button now to start learning Python. Learn it fast and learn it well.

Python Workbook - Jamie Chan 2019-08-23
Python Workbook for Beginners with Hands-On ProjectsAre you looking for a hands-on approach to learn Python fast? Or perhaps you have just completed a Python course and are looking for practice questions to test your Python skills.Do you have problems with some Python concepts and are looking for a workbook to provide you with more questions and solutions to learn from?This workbook is for you.This book is designed to be the accompanying workbook for the book "Learn Python In One Day and Learn It Well (2nd Edition)" by the same author. It can also be used as a standalone workbook for you to test and improve your knowledge of the Python syntax.What this book offers...Carefully designed questionsEach question in this workbook is crafted to help you gradually build your programming skills, focusing on one or two concepts at a time and increasing in level of difficulty as we progress through the chapters.Clear and Easy to Understand SolutionsAll solutions in this book are extensively tested by a group of beta readers. The solutions provided are simplified as much as possible so that they can serve as examples for you to refer to when you are learning a new syntax.Two Projects to Consolidate Your LearningThis workbook also includes two projects at the end to help you consolidate your learning. While the individual chapters prior to the projects help you learn one concept at a time, these two projects require the application of multiple concepts covered in previous chapters and allow you to see how everything works together.What this book aims to do...This workbook is written with one goal in mind - to help new programmers overcome their initial obstacles to learning.A lot of times, when new programmers look at code written by other programmers, they tend to feel intimidated as a lot of the code looks complicated to them. A complete program written by other programmers incorporates many different concepts.The goal of this workbook is to isolate the different concepts so that new programmers can gradually gain competency in the fundamentals of the language before working on bigger projects at the end of the book. Programming does not have to be scary or frustrating when you take one step at a time.Ready to start practicing and building your Python skills? Click the BUY button now to download this workbook.Topics Covered: - Variables and Mathematical Operations in Python- Common data types, including integers, floats, strings- Lists, Tuples and Dictionaries- String Formatting- Accepting user inputs and displaying outputs- Comparison and

Condition Statements- Control flow tools in Python- How to handle errors and exceptions- What are functions and modules?- How to define your own functions and modules- How to work with external files- Object Oriented Programming Concepts- Classes, Subclasses and Inheritance..and more...Click the BUY button now to start learning and practicing your Python skills. Learn it fast and learn it well.

Python Crash Course - Eric Matthes 2015-11-01
Python Crash Course is a fast-paced, thorough introduction to Python that will have you writing programs, solving problems, and making things that work in no time. In the first half of the book, you'll learn about basic programming concepts, such as lists, dictionaries, classes, and loops, and practice writing clean and readable code with exercises for each topic. You'll also learn how to make your programs interactive and how to test your code safely before adding it to a project. In the second half of the book, you'll put your new knowledge into practice with three substantial projects: a Space Invaders–inspired arcade game, data visualizations with Python's super-handy libraries, and a simple web app you can deploy online. As you work through Python Crash Course you'll learn how to: –Use powerful Python libraries and tools, including matplotlib, NumPy, and Pygal –Make 2D games that respond to keypresses and mouse clicks, and that grow more difficult as the game progresses –Work with data to generate interactive visualizations –Create and customize Web apps and deploy them safely online –Deal with mistakes and errors so you can solve your own programming problems If you've been thinking seriously about digging into programming, Python Crash Course will get you up to speed and have you writing real programs fast. Why wait any longer? Start your engines and code! Uses Python 2 and 3

Learning Python - Mark Lutz 2003-12-23
Portable, powerful, and a breeze to use, Python is the popular open source object-oriented programming language used for both standalone programs and scripting applications. Python is considered easy to learn, but there's no quicker way to mastery of the language than learning from an expert teacher. This edition of Learning Python puts you in the hands of two expert teachers, Mark Lutz and David Ascher, whose friendly, well-structured prose has guided many a programmer to proficiency with the language. Learning Python, Second Edition, offers programmers a comprehensive learning tool for Python and object-oriented programming. Thoroughly updated for the numerous language and class presentation changes that have taken place since the release of the first edition in 1999, this guide introduces the basic elements of the latest release of Python 2.3 and covers new features, such as list comprehensions, nested scopes, and iterators/generators. Beyond language features, this edition of Learning Python also includes new context for less-experienced programmers, including fresh overviews of object-oriented programming and dynamic typing, new discussions of program launch and configuration options, new coverage of documentation sources, and more. There are also new use cases throughout to make the application of language features more concrete. The first part of Learning Python gives programmers all the information they'll need to understand and construct programs in the Python language, including types, operators, statements, classes, functions, modules and exceptions. The authors then present more advanced material, showing how Python performs common tasks by offering real applications and the libraries available for those applications. Each chapter ends with a series of exercises that will test your Python skills and measure your understanding. Learning Python, Second Edition is a self-paced book that allows readers to focus on the core Python language in depth. As you work through the book, you'll gain a deep and complete understanding of the Python language that will help you to understand the larger application-level examples that you'll encounter on your own. If you're interested in learning Python--and want to do so quickly and efficiently--then Learning Python, Second Edition is your best choice.

Mastering Machine Learning with Python in Six Steps - Manohar Swamynathan 2019-10-01
Explore fundamental to advanced Python 3 topics in six steps, all designed to make you a worthy practitioner. This updated version's approach is based on the "six degrees of separation" theory, which states that everyone and everything is a maximum of six steps away and presents each topic in two parts: theoretical concepts and practical implementation using suitable Python 3 packages. You'll start with the fundamentals of Python 3 programming language, machine learning history, evolution, and the system development frameworks. Key data mining/analysis concepts, such as exploratory analysis, feature dimension reduction, regressions, time series forecasting and their efficient implementation in Scikit-learn

are covered as well. You'll also learn commonly used model diagnostic and tuning techniques. These include optimal probability cutoff point for class creation, variance, bias, bagging, boosting, ensemble voting, grid search, random search, Bayesian optimization, and the noise reduction technique for IoT data. Finally, you'll review advanced text mining techniques, recommender systems, neural networks, deep learning, reinforcement learning techniques and their implementation. All the code presented in the book will be available in the form of iPython notebooks to enable you to try out these examples and extend them to your advantage. What You'll Learn Understand machine learning development and frameworksAssess model diagnosis and tuning in machine learningExamine text mining, natuarl language processing (NLP), and recommender systemsReview reinforcement learning and CNN Who This Book Is For Python developers, data engineers, and machine learning engineers looking to expand their knowledge or career into machine learning area.

Learn Python Programming - Phil J Hack 2019-11-14
Have you been thinking about learning Python Programming for long time? STOP wasting time!! Keep reading and learn more.. If you came across this book I am sure you know the incredible impact Python Programming has these days. Python is a simplistic language, however, without something to guide you through the fundamental concepts of programming, you can easily learn everything the wrong way and someday anger all of your programmer friends. With the help of this Python Programming, you will take the very first step in exploring programming in general, as well as the capabilities of Python. In this book you will learn all the core concepts, one step at a time and this is the same approach you should take when practicing. You will learn new operations you can perform on the various data types and data structures, and then work to get used to relying more and more on object-oriented programming techniques. Use this knowledge to pursue machine learning projects, create robots, or build the next big web application that will take over the world. More specifically this guide will take you through: Specific Python Basic Syntax Rules, Variables and Values The Theory of Computer Programming Working With Your Objects And Classes, Inside Of Python How to Use Your Python Skills Working with the K-Nearest Neighbors Algorithm Making a Basic Python Game: Hangman Machine Learning Models Tips For Success Practical exercises to text your skills...and MUCH MORE!! Even if you aren't an expert, you don't need any kind of special talent to become a programmer, or even a data scientist. All you need to do is understand the theory and then put it in application. If you can't grasp it at first, break it down and study it line by line. Squeeze the knowledge out of Python and apply it in the real world! Scroll to the top and select on the right the BUY NOW with 1-Clickbutton.

Python for Beginners - Programming Languages ACADEMY 2021-03-16
⬛⬛⬛ Want to Learn Python in No Time?! Check Out This Python Programming Crash Course for Beginners! ⬛⬛⬛ Would you like to: ⬛ Learn Python in no time? ⬛ Automate tasks with Python? ⬛ Be able to make machines work as efficiently as possible? ⬛ Monetize your programming ideas? But you: ⬛ Have no prior knowledge about Python? ⬛ Think that programming is complicated? If you can answer any question above with "yes," then you are in the right place. With this unique guide in your hands, you will go from beginner to pro in no time! ⬛ It doesn't matter if you have never coded before; these guides will thoroughly explain to you everything about Python and data science. All guides are written in a step-by-step and easy-to-digest manner so you will understand them without any trouble. Most of the other books you can find on the market focus purely on basic theory and simple commands, but not this one. Here's what this beginner's guide can offer you: ⬛ A beginner's crash course on how to get everything up and to run. ⬛ Est tools that are available for programming with Python. ⬛ Quick and easy way to learn how to make amazing and useful programs. ⬛ Unique coding methods to go from beginner to pro in no time. ⬛ Practical workbook to put your knowledge to the test and bring your ideas to life. ⬛ Practical programming exercises that will help you apply programming concepts to real-life situations. ⬛ Debugging activities that will teach you to notice errors in Python code quickly. ⬛ Fun projects that will test your knowledge and motivate you to practice even more. If you want to conquer the Python programming language in no time, all you have to do is take these guides in your hands and follow the step-by-step instructions. So what are you waiting for? ⬛ Scroll up, click on "Buy Now with 1-Click", and Get Your Copy Now!

PHP - Jamie Chan 2020-06-23
Learn PHP Fast and Learn It Well. Master PHP Programming with a unique Hands-On ProjectNew Book by Best Selling Author Jamie Chan. Book 6 of the Learn Coding Fast Series.Do you want to learn PHP fast but are overwhelmed by all the information you find online? Or perhaps you have completed numerous PHP tutorials but are still unsure how everything works together. This book is for you. You no longer have to waste your time and money learning PHP from lengthy books, expensive online courses or fragmented PHP tutorials. This book covers all the major topics in PHP and is written in a concise and to the point manner. In addition, you'll be guided through a project at the end of the book where you get to apply the concepts learned and see how it all ties together.What this book offers...PHP for BeginnersComplex concepts are broken down into simple steps to ensure that you can easily master PHP even if you have never coded before. Concepts are presented in a "to-the-point" style to cater to the busy individual; no fluff or unnecessary details.Careful selection of topicsTopics are carefully selected to give you a broad exposure to PHP. These topics include HTML form handling, security management (prevention of XSS and SQL injection), object-oriented programming, error and exception handling techniques, databases and more.Carefully Chosen PHP ExamplesExamples are carefully chosen to illustrate all concepts. In addition, the output for all examples is provided immediately so you do not have to wait till you have access to your computer to test the examples.How is this book different...The best way to learn programming is by doing. This book includes a complete project at the end of the book where you get to build a mini-blog using PHP and MySQL. Working through the project gives you a chance to see how everything works together, including how to set up your servers, create a database, connect to it, process forms, manage security issues, handle errors and exceptions and more. Completing the project will not only give you an immense sense of achievement, it'll also help you retain the knowledge you've learned and master the language.Are you ready to dip your toes into the exciting world of PHP coding? This book is for you. Click the BUY button and download it now.Pre-requisites: Note that this book requires basic knowledge of HTML and SQL.What you'll learn: - What is PHP- What software do you need to run PHP scripts- How to set up your own server- What are constants, variables and operators- What are the common data types in PHP- How to control the flow of your PHP program using If statements, while loops etc- How to use numerous built-in functions in PHP- How to define your own functions- What is a cookie and session and how to use them- How to process HTML forms using the get and post methods- How to prevent attacks on your site - What is OOP and inheritance- How to connect to a database- How to handle errors and exceptions.. and more...Finally, you'll be guided through a hands-on project that requires the application of all the topics covered.Click the BUY button and download the book now to start learning PHP. Learn it fast and learn it well.