

## Python For Beginners A Crash Course Guide To Lear

*Unleash your programming potential and master coding with this incredible 7-book bundle! Are you looking for the PERFECT introduction into the world of coding? Want to uncover the secrets of Python, SQL, C++ and so much more? Are you looking for the ultimate guide to getting started with programming? Then this bundle is for you. Written with the beginner in mind, this incredible 7-in-1 book bundle brings you everything you need to know about programming. Packed with a ton of advice and step-by-step instructions on all the most popular and useful languages, you'll explore how even a complete beginner can get started with ease! Covering data science, Arduino, and even Raspberry pi, you'll learn the fundamentals of object-oriented programming, operators, variables, loops, classes, arrays, strings and so much more! Here's just a little of what you'll discover inside: Uncovering The Secrets of C++, C#, Python, SQL and More Breaking Down The Fundamentals of Data Science Understanding The Different Classes, Operations, and Data Types Fundamental Programming Skills That YOU Need To Know Tips and Tricks For Getting The Most out of Each Language The Best Strategies For Using Arduino and Raspberry Pi Common Errors and How To Troubleshoot Them And Much More! No matter your level of programming experience, this bundle uses step-by-step instructions and easy-to-follow advice so you can get the most out of programming. Explore these amazing languages, master the fundamentals of programming, and unleash your programming potential today!*

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*Data Science Crash Course for Beginners with Python Data Science is here to stay. The tremendous growth in the volume, velocity, and variety of data has a substantial impact on every aspect of a business. While data continues to grow exponentially, accuracy remains a problem. This is where data scientists play a decisive role. A data scientist analyzes data, discovers new insights, paints a picture, and creates a vision. And a competent data scientist will provide a business with the competitive edge it needs and address pressing business problems. Data Science Crash Course for Beginners with Python presents you with a hands-on approach to learn data science fast. How Is This Book Different? Every book by AI Publishing has been carefully crafted. This book lays equal emphasis on the theoretical sections as well as the practical aspects of data science. Each chapter provides the theoretical background behind the numerous data science techniques, and practical examples explain the working of these techniques. In the Further Reading section of each chapter, you will find the links to informative data science posts. This book presents you with the tools and packages you need to kick-start data science projects to resolve problems of practical nature. Special emphasis is laid on the main stages of a data science pipeline--data acquisition, data preparation, exploratory data analysis, data modeling and evaluation, and interpretation of the results. In the Data Science Resources section, links to data science resources, articles, interviews, and data science newsletters are provided. The author has also put together a list of contests and competitions that you can try on your own. Another added benefit of buying this book is you get instant access to all the learning material presented with this book-- PDFs, Python codes, exercises, and references--on the publisher's website. They will not cost you an extra cent. The datasets used in this book can be downloaded at runtime, or accessed via the Resources/Datasets folder. The author simplifies your learning by holding your hand through everything. The step by step description of the installation of the software you need for implementing the various data science techniques in this book is guaranteed to make your learning easier. So, right from the beginning, you can experiment with the practical aspects of data science. You'll also find the quick course on Python programming in the second and third chapters immensely helpful, especially if you are new to Python. This book gives you access to all the codes and datasets. So, access to a computer with the internet is sufficient to get started. The topics covered include: Introduction to Data Science and Decision Making Python Installation and Libraries for Data Science Review of Python for Data Science Data Acquisition Data Preparation (Preprocessing) Exploratory Data Analysis Data Modeling and Evaluation Using Machine Learning Interpretation and Reporting of Findings Data Science Projects Key Insights and Further Avenues Click the BUY button to start your Data Science journey.*

*Python Programming*

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*Python Programming For Beginners*

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Looking for the perfect Python Programming Crash Course to put you through everything you need to know? It's right here with images and a whole chapter of practice! Why Learn Python? Python is an important programming language that any developer should know. Many programmers use this language to build websites, create learning algorithms, and perform other important tasks.Python language to learn, and I think anyone can get to a high level of proficiency in it if they find the right motivation. Python is currently the most sort after programming language from Machine learning to Artificial Intelligence and so many more. Is it too late for you? Definitely not. You can learn Python right now and be very proficient in it in the next 6-7 months. Its all about your dedication. In the Python programming in a way you will really understand. There is no reason to teach you Machine Learning and Data Science as a beginner and this book wont bombard you with informations that you wont be able to digest. Personally, I'd recoment that you take it one chapter at a time. Try to understand the information in one chapter before moving onto the next. Python is here to stay and book will teach you the following from scratch: A clear introduction of Python and Python 3 installation All you need to know about Data types and variables A guide on Operators and Deep/Flat Copying Conditional Statements in Python Inputs and Loops in Python Print and Output Functions and Modules Class and Types Lists and Sets in Pythons Sequential data types The best part of it is that examples to make things easier for you. This book is a beginners guide to Python with practical examples and the only thig you need to understand Python better. To read it, simply scoll to the top of this page and click the buy now button for any format you like and you'll get the Kindle version free if you order the paperback!

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 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 in 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 dat 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!

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If you want to learn Python in one week (or less) and learn it well, with useful applications to Data Analysis, Machine Learning and Data Science, then keep reading. Python is one of the most beloved programming languages in any circle of programmers. Software engineers, hackers, and Data Scientists alike are in love with the versatility that Python has to offer. Besides, the Object-Oriented feature and flexibility is also one of the major attractions for this language. That's the reason why Python is a perfect fit with Data Analysis, Machine Learning and Data Science. Data is the future. The world of technology as we know it is evolving towards an open-source platform where people share ideas freely. This is seen as the first step towards the decentralization of ideas and eliminating unnecessary barriers. Python What are the different Python Data Types and Variables Basic Operators of Python Language Data Structures and Functions Conditional and Loops in Python And Much More! In manuscript two, Python Advanced Guide, you will master: Object-Oriented Programming (OOP), Inheritance and Polymorphism Essential Programming Tools Exception Handling Working with Files And Much More! In Data Analysis, you will learn: What Data Analysis is all about and why businesses are investing in this sector The 5 steps of a Data Analysis The 7 Python libraries that make Python one of the best choices for Data Analysis Pandas, Jupyter and PyTorch And Much More! In manuscript four, Applications to Data Science, you will understand: How Data Visualization and Matplotlib can help you to uncover hidden patterns with. Neural Networks Decision Trees What industries are using data to improve their business with 14 real-world applications And So Much More! Where most books about Python programming are theoretical and have few or little practical examples, this book provides lots of simple, step-by-step examples and illustrations that are used to underline key concepts and help improve your understanding. Carefully selected to give you broad exposure to Python, while not overwhelming you with too much information. Also, the outputs of ALL the examples are provided immediately so you do not have to wait till you have access to your computer to test the examples. Even if you have never coded before, this is the perfect guide because it breaks down complex concepts into simple steps and in a way that is easy to understand with beginners. Regardless of your previous experience, you will learn the steps of Data Analysis, how to implement them, and the most important real-world applications. Would you like to know more?Scroll Up and Click the BUY NOW Button to Get Your Copy!

The Ultimate Guide for Beginners to Learn Python Programming: Crash Course on Python Programming for Beginners

Learn Python Quickly

The Ultimate Beginners Crash Course to Learn Python Programming Quickly and Easily

Python Programming for Beginners

Crash Course Tutorial

A Crash Course Guide for Machine Learning and Web Programming. Learn a Computer Language in Easy Steps with Coding Exercises

**Learn Python Quickly, A Programmer-Friendly Guide DESCRIPTION Most Programmer's learning Python are usually comfortable with some or the other programming language and are not interested in going through the typical learning curve of learning the first programming language. Instead, they are looking for something that can get them off the ground quickly. They are looking for similarities and differences in a feature that they have used in other language(s). This book should help them not immediately. It guides you from the fundamentals of using module through the use of advanced object orientation. KEY FEATURES Strengthens the foundations, as detailed explanation of programming language concepts are given in simple manner. Lists down all the important points that you need to know related to various topics in an organized manner. Prepares you for coding related interview and theoretical questions. Provides In depth explanation of complex topics and Questions. Focuses on how to think logically to solve a problem. Follows a systematic approach that will help you to prepare for an interview in short duration of time. Exercises are exceptionally useful to complete the reader's understanding of a topic. WHAT WILL YOU LEARN Data types, Control flow instructions, console & File Input/Output Strings, list & tuples, List comprehension Sets & Dictionaries, Functions & Lambdas Dictionary Comprehension Modules, classes and objects, Inheritance Operator overloading, Exception handling Iterators & Generators, Decorators, Command-line Parsing WHO THIS BOOK IS FOR Students, Programmers, researchers, and software developers who wish to learn the basics of Python programming language. Table of Contents 1. Introduction to Python 2. Python Basics 3. Strings 4. Decision Control Instruction 5. Repetition Control Instruction 6. Console Input/Output 7. Lists 8. Tuples 9. Sets 10. Dictionaries 11. Comprehensions 12. Functions 13. Recursion 14. Functional Programming 15. Modules and Packages 16. Namespaces 17. Classes and Objects 18. Intricacies of Classes and Objects 19. Containership and Inheritance 20. Iterators and Generators 21. Exception Handling 22. File Input/Output 23. Miscellany 24. Multi-threading 25. Synchronization**

Are you looking for an easy to follow guide for learning Python programming for Machine Learning?In this book Marvin Dale is going to teach you the basics and some advanced tricks for learning Python and machine learning. "Machine learning is the future". You have surely heard that sentence, from the news or from a friend. You also have probably nodded or even strongly acknowledge that as a truth. But what do you really know about machine learning? If you are interested in knowing more on this topic, if you are a programmer and you are willing to learn how to use Python and if you want to discover how practically execute the "machine learning" everybody talks about, this book is for you. Python is one of the most flexible programming languages nowadays and the reason behind its success lies in very simple commands and extremely practical application in many use cases in the real world. In this book you will learn: Basics of Python: how to code, elegantly and incisively, using Python programming language Differences between Phyton and other programming languages as Java and C++ and PHP Python's regular expressions, statements and loops Python functions and libraries Python for data science Python for machine learning Python for artificial intelligence After this easy Python guide, you will be able to get started with coding and develop basic test project for the results you want to achieve. Scroll up, click on buy it now, and get your copy today!

Have you always wanted to Learn Python Programming, but you have thought it to be too difficult for you? Are you a beginner, or maybe you master other programming languages, and you want to Learn Python Coding fast and efficiently? Are you looking for the best Python Crash Course? If yes, then this book is for you. You no longer have to lose your time and resources learning Python from long books, costly online courses, or very complicated Python tutorials. This book offers you a great opportunity. Simplicity Complexity is reduced thanks to easy step-by-step guidance so that you can progress easily with the Python language even if you have never programmed before. Best Order and Selection of topics to Learn Python Fast Topics are selected and ordered to give you the best knowledge of Python in the lowest amount of time without overloading you with information. Selected Practice Exercises and Examples Exercises and examples are selected to show all concepts thoroughly. The examples are shown right away so you can see the result even when away from your computer. Why is this book different... Unlike other books, this a complete book for beginners with all the concepts you need, and you will have the opportunity to test your knowledge thoroughly! Are you ready to enter the exciting world of Python? Then this book is for you.

**Programming Doesn't Have To Be Difficult. If You Want To Get Started With Python Programming, Read On..** 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? Would you like to learn the basics of python programming even if you are a complete novice? If so, this book can help you. Technology Entrepreneur, James Tudor, 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 beginners Chapters 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 conceptsand help improve your understanding Each 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 understanding Some of the topics covered include: How to get started - what you need and where to get it (Chapter 1) How a computer functions and what a computer program is (Chapter 2) Simple data types that are available to you and how to manipulate them (Chapter 3) ...and much, much more! Please be aware, this book is only an extended preview of the paid version Python For Beginners: Learn Python In 5 Days With Step-by-Step Guidance And Hands-On Exercises. The intention with this free version is to give you the opportunity to see the authors teaching style and the quality of the material covered. Should you wish to upgrade to the paid version, five more in-depth chapters on conditions and loops, functions and modules etc are covered. In addition, a solution booklet (for the chapter exercises) is provided.

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Learning Python

Data Science Crash Course for Beginners with Python: Fundamentals and Practices with Python

A Programming Crash Course to Learning How to Program with Python with a Crash Course. A Beginners' Guide to Coding Fundamentals

PYTHON FOR BEGINNERS Do you want to learn Python Programming well and fast? Are you looking for the best Python for Data Analysis and Analytics course? Do you want to learn Data Science and how to leverage Python for it? Do want to learn Python Machine Learning and start implementing models? Python has an extensive and robust standard library, which makes it score over other programming languages. Besides, it is an open-source programming language that will help you curtail the cost of software development significantly. Python is a powerful general-purpose programming language. It is used in web development, data science, creating software prototypes, and so on. Fortunately for beginners, Python has simple easy-to-use syntax. This makes Python an excellent language to learn. Also, Python is designed with features to facilitate data analysis and visualization. You can use it to create custom big data solutions without putting extra time and effort. So, what stops you from using Python to design amazing apps? Here's what you'll discover inside this book: -The Basics of Machine Learning: learn how to use classification algorithms and create data pipelines that are essential to machine learning-Essential Skills for Python Programming: a straightforward guide that will turn you from a rookie into an expert in Python programming and coding And more!!!! ...

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Analysis in your business ? Data visualization optimal tools and techniques ? Analysis of popular Python projects templates ? How to set up the Python environment for Data Science ? Most important Machine Learning Algorithms ? How to leverage Data Science in the Cloud 3) Python Crash Course \* A Proven Method to Write your First Program in 7 Days \* 5 Common Mistakes to Avoid when You Start Coding \* A Simple Strategy to Write Clean, Understandable and Flexible Codes \* The One Thing You Need to Debug your Codes in Python \* 5 Practical exercises to start programming Even if you have never written a programming code before, you will quickly grasp the basics thanks to visual charts and guidelines for coding. Examples and step-by-step guides will guide you during the code-writing learning process. The description of each topic is crystal-clear and you can easily practice with related exercises. You will also learn all the best tricks of writing codes with point by point descriptions of the code elements. If you really wish to to learn Python and master its language, please click the BUY NOW button.

DID YOU KNOW THAT A PYTHON PROGRAMMER CAN EARN EVEN MORE THAN \$ 100,000 PER YEAR? If you are an experienced coder or a beginner looking for the first time at this topic, the only thing you really need to know is that Python is one of the most requested and used languages and there is no sign of change in the future. This is why Python programmers are among the most valued professionals and therefore well paid. This is certainly one very good reason, I think, to start learning more about this topic, don't you agree? Learning to code in Python can give you countless benefits: \* a yearly income well over \$ 100,000; \* the possibility to work from home; \* working to exciting and modern tasks; \* working with interesting and dynamic people; \* developing projects on your own. This book is a complete and well detailed guide for beginners that will help you finding your own way in the exciting world of Python. The following is a list of the topic you will find in this book: Chapter 1: The Benefits of Working with the Python Language Chapter 2: Installing and Working with Python on Different Operating Systems Chapter 3: Some of the Basic Parts of the Python Code Chapter 4: How to Work Classes and Objects Chapter 5: Creating your Own Inheritance Chapter 6: Creating a Loop in Python Chapter 7: Working with the Conditional Statements Chapter 8: Exception Handling in the Python Language Chapter 9: Data Analysis with Python Chapter 10: Can I Test my Code? Chapter 11: Python and Artificial Intelligence Chapter 12: Python and Machine Learning Chapter 13: Practical Codes and Exercises to Use Python Do you think becoming a Python coder is too hard of a task? Do you think you are not suited for it? Well, learning new skills is a process made out of two big components: the first one is just your own will to learn and the second one is a good source of information. We are sure this book is what you need to start your journey to become a Python programmer and achieve your goals. Buy the Paperback version and get the Kindle eBook version included for FREE!

Are you one of those people who are ready to uncover the keys to the future? Perhaps you are seeking a quick way to computer programming course. Would you want to learn about python in a short time? If your answer is yes, then this book Python Crash Course: A beginner's guide to master the basics of python and data science. Learn coding with this machine learning tool. Discover the endless possibilities of computers and codes might be suitable for you! Allow this book to bring you the Python language without a fuss and explore the realm of artificial intelligence, machine learning, and data science! One of the best things about this book is that it will share with you vital lessons you need to build basic programming structures. These days, you will find essential tools you should have in place to fix day-to-day problems. Guess what? One of such skills involves learning the proper programming language. Can you visualize the things you could do if you'd knew how to make a simple instruction with the use of your computer? Imagine the things you could accomplish if you'd build from scratch something that would fix problems in a blink of an eye. That would be amazing, right? No frontiers, no boundaries, no limits. You see, it's a new world of possibilities in front of you! Here's a quick overview of what you will learn in this book: What Can You Do With Python Programming?: Variables And Simple Data Types; Functions In Python; Conditional Statements In Python And Control Flow Statements; How To Define A Class?: Testing Your Code; Data Science With Python And Machine Learning; Web Applications; Tips And Tricks To Get The Most Out Of Python; And So Much More! You will surely grasp the fundamentals thanks to easy to understand guide in this book, especially if you have never created a programming code before. There's no time to waste. Get this book to get started. Click BUY NOW above! Version with the inside of the book in color

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Python for Beginners

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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.

\*\*\* Get Your Copies TODAY for \$33.95 instead of \$44.99! 55% OFF - Limited Offer! \*\*\* 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. \*\* Take advantage of this deal and let your customers fall in LOVE with this book! \*\*

Ready to start this new journey into the Python 's world? Python is the ideal language to learn for budding developers. It is a modern object-oriented programming language with easy to read code and an extensive internet bank of modules. It offers high-level dynamic data types, many built-in functions, and operators, classes, garbage collection, and supports dynamic typing. Python runs on just about any device. Python is an OSI approved open-source software application that makes it free to download and install. Python For Beginners: A crash course to learn Python Programming in 1 Week will take you through the basics of getting started with Python programming step by step. This tutorial will teach you everything you need to know to get you to the next programming level. The book covers all the Python basics, with follow-along examples and exercises, giving you a hands-on learning approach. By the time you have made your way through the book, you will be ready to tackle the beginner 's and a few intermediate projects waiting for you at the end of it. This book covers where to and how to download and install Python. You will learn how to download and install PyCharm which is an integrated development environment where you will learn to write code. The content covers all the basics such as variables, statements, functions, keywords, data types, and more. Python For Beginners: A crash course to learn Python Programming in

1 Week has everything you need to learn to comfortably move on to more advanced programming. It is an entry-level tutorial guide that makes Python easy and fun to learn. Get your copy Now

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A Comprehensive Crash Course in Python Language for Absolute Beginners

The Crash Course Guide for Beginners. Learn Right Now Python Coding, Data Analysis, and Computer Programming (for Women, Men and Kids)

Beyond the Basic Stuff with Python

Inside the pages of this easy-to-follow guide, you will find: -Detailed explanations about the program and its uses -The basics of the Python Programming Language -Data Types -Methods and functions in Python -The scope and lifetime of variables and functions in Python -Applications of Python Programming in the Real World -And more!

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.

Become a Python Programming Expert With Ease! Python is a simple yet powerful programming language that can enable you to start thinking like a programmer right from the beginning. It is very readable and the stress many beginners face about memorizing arcane syntax typically presented by other programming languages will not affect you at all. Conversely, you will be able to concentrate on learning concepts and paradigms of programming. This book shall introduce you to an easy way to learn Python in just 7 days and in this time, be able to complete your own projects! By reading the book and implementing what you learn herein, you will realize just why major institutions like NASA, Google, Mozilla, Yahoo, Dropbox, IBM, Facebook and many others prefer to use python in their core products, services and business processes. Let's begin.

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, as a beginner, 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 advanced programs, 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, as an expert, you'll put your new knowledge into practice with substantial projects. As you work through Python Crash Course, you'll learn how to: Beginner's Guide Python Versions How to Run Python How to pronounce Python How to Install Python? Install launcher for all users (recommended) Interactive Python Expert's Guide: Advanced, To Expert Concepts: Installation Guide Installing Fedora 12 on x86, AMD64, and Intel 64 systems and more! 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! When you are ready to learn more about what Python Crash Course is all about, and how you are able to benefit from it in your own coding and programming, make sure to check out this guidebook to help you get started. Do not waste time to gather partial or false information, when you can get everything you require to REACH YOUR GOALS by reading this fantastic guide.

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***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-handly 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***

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***Do you know what Python is? Python is a powerful and simple programming language with a simple syntax, serving a large number of purposes. It is a free and open-source programming language and it is a very good programming language for beginners, especially for those who are interested to learn computer programming for the very first time. Now, the question is, why should we learn Python?The reason is its versatility, object-oriented features and flexibility. Most of the mobile and web applications we use have the abundance of Python's libraries, different frameworks, a huge collection of modules and file extensions. The coding style in Python is more intuitive and it is also less complex. That's why you need to start immediately to learn how Python works thanks to: "Python for Beginners A Crash Course Guide to Learn Coding and Programming With Python in 7 Days." by Paul Richard. Here is a little preview of what you'll find inside of this book: what Python is and how to get started advantages and disadvantages of python programming 7 causes why you must ruminate writing software applications in Python Python dictionary strategy overriding in Python's ...and much, much more! Scroll up and add to cart "Python for Beginners" by Paul Richard! About the author Paul Richard is a digital entrepreneur, information technology thought leader, and software tutorial geek. Paul has built a strong reputation for helping others responsibly leverage cutting edge tech in innovative ways. His books on computer tools, web instruments, and other software tutorials are considered essential readings among educational institutions and its departments across the country. Paul teaches the next generation of software engineers at his alma mater, working with students who share his passion for improving the world with better systems. Scroll up and add to cart "Python for Beginners" by Paul Richard! Course with Programming Codes to Go from Beginner to Expert***

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Created for developers of all skill levels to find the essentials of common operations combined with the fastest reference guide for writing code. This handy 6 page laminated guide is a concise desktop reference to key concepts behind Python logic, syntax, and operation. Expertly written to concisely cover the planning of a program written in Python, assigning your variables, creating classes. Beginning students or seasoned programmers will find this tool a perfect go-to for reference to those core concepts. This unbeatable value makes it easy to add this reference to your programmer's toolbox. 6 page laminated guide includes: Working with Python Using Python Code Importing Modules Scope (Indentation) Naming Conventions Reserved Words Console Error Handling Saving & Loading Files Coding Structures Math Operators (int, float & complex) List Operations (list, tuple & dict) Strings Statements Functions Dictionaries Using Structures String Formatting String Methods Escape Sequences Bool Characters Writing Boolean Statements Recursion & Iteration Classes Coding Concepts Inheritance Generators Python The history of Python kicked off when Guido van Rossum, the founder of Python, started working on it in the late 1980s. Python is the successor of the ABC programming language. The first Python version was released back in 1991 and has only grown exponentially since then. It now has a vast community that releases the latest updates regularly. Guido van Rossum gave his name to him by the Python community to honor him for his long-term commitment and dedication to the project and for being the project leader for such a long period. Python is a high-level interpreted programming language that is used throughout the world for general-purpose programming. It is an open-source programming language licensed by both the Free Software Foundation and other programming languages, its source code is also available under the GNU General Public License (GPL). Python 2.x, being the legacy version, was used earlier across the globe. It stopped receiving newer features and security updates after Python 2.7, so people migrated to Python version 3.x. Throughout this book, we will be focusing more on the Python 3.x version. Before we proceed further, I would like to inform you all that the purpose of writing this book is to make your understanding of Python clearer by explaining technical terms in layman's language with the help of code snippets and practical examples. I also wanted to make sure that the reader does not feel bored while reading the book, so I'll be adding some attractive illustrations.

Python For Data Science

Python

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Python Programming Language

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*Python is a powerful modern computer programming language and it is easy to learn. The syntax is simple and it allows the programmers to state their ideas in fewer lines of codes. It is an interpreted language and no compilation is necessary. It is often used as a scripting language and it is available on Windows, Mac OS and UNIX operating systems. The variable and argument declarations are not necessary as it is determined implicitly. One major advantage of using Python is that it is platform-independent and you can run it on any operating system without any issues. Many people are scared to get into any type of coding because they think that it will be too hard or that they will never be able to figure it all out. But when they take a look at Python, they see how easy coding can be. That is what this guidebook took some time to look at this, and looked at some of the different codes that you want to write with this kind of coding language. We also took it a bit of the more advanced types of coding that you can do with this language as well, ensuring that you are going to be able to get the results that you would like. There are a lot of things that you are able to do with the Python language and how you can use it with machine learning. This guidebook is going to take some time to look at all of these aspects so you can do some of the codings in the process. When you are ready to begin your journey with Python, make sure to check out this guidebook to help you get started! --->This guide will focus on the following: \*Data Types and Variables \*Data Structures \*The Files \*Types of Machine Learning \*Machine Learning Algorithms \*Neural Networks \*If, Then Statements.... AND MORE! Scroll Up and Click the Buy Now Button to start your Journey with Python Programming!*

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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. 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. This fast-paced, thorough introduction to programming with Python will have you writing programs, solving problems, and making things that work in no time. Python Tutorial Release 3.7.0 Guido van Rossum and the Python development team

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