

Python Weekend Crash Course A First Book Of Python

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Python Weekend Crash Course A First Book Of Python

2023-09-29

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Python Crash Course Independently Published

The best-selling Python book in the world, with over 1 million copies sold! A fast-paced, no-nonsense, updated guide to programming in Python. If you've been thinking about learning how to code or picking up Python, this internationally bestselling guide to the most popular programming language is your quickest, easiest way to get started and go! Even if you have no experience whatsoever, Python Crash Course, 2nd Edition, will have you writing programs, solving problems, building computer games, and creating data visualizations in no time. You'll begin with basic concepts like variables, lists, classes, and loops—with the help of fun skill-strengthening exercises for every topic—then move on to making interactive programs and best practices for testing your code. Later chapters put your new knowledge into play with three cool projects: a 2D Space Invaders-style arcade game, a set of responsive data visualizations you'll build with Python's handy libraries (Pygame, Matplotlib, Plotly, Django), and a customized web app you can deploy online. Why wait any longer? Start your engine and code!

Beyond the Basic Stuff with Python No Starch Press

This book is a access database crash course which covers microsoft acces-based GUI programming using Python. In chapter one, you will learn to use several widgets in PyQt5: Display a welcome message; Use the Radio Button widget; Grouping radio buttons; Displays options in the form of a check box; and Display two groups of check boxes. In chapter two, you will learn to use the following topics: Using Signal / Slot Editor; Copy and place text from one Line Edit widget to another; Convert data types and make a simple calculator; Use the Spin Box widget; Use scrollbars and sliders; Using the Widget List; Select a number of list items from one Widget List and display them on another Widget List widget; Add items to the Widget List; Perform operations on the Widget List; Use the Combo Box widget; Displays data selected by the user from the Calendar Widget; Creating a hotel reservation application; and Display tabular data using Table Widgets. In chapter three, you will learn: How to create the initial three tables project in the School database: Teacher, Class, and Subject tables; How to create database configuration files; How to create a Python GUI for inserting and editing tables; How to create a Python GUI to join and query the three tables. In chapter four, you will learn how to: Create a main form to connect all forms; Create a project will add three more tables to the school database: Student, Parent, and Tuition tables; Create a Python GUI for inserting and editing tables; Create a Python GUI to join and query over the three tables. In chapter five, you will join the six classes, Teacher, TClass, Subject, Student, Parent, and Tuition and make queries over those tables. In chapter six, you will create dan configure database. In this chapter, you will create Suspect table in crime database. This table has eleven columns: suspect_id (primary key), suspect_name, birth_date, case_date, report_date, suspect_status, arrest_date, mother_name, address, telephone, and photo. You will also create GUI to display, edit, insert, and delete for this table. In chapter seven, you will create a table with the name Feature_Extraction, which has eight columns: feature_id (primary key), suspect_id (foreign key), feature1, feature2, feature3, feature4, feature5, and feature6. The six fields (except keys) will have LONGBINARY data type. You will also create GUI to display, edit, insert, and delete for this table. In chapter eight, you will create two tables, Police and Investigator. The Police table has six columns: police_id (primary key), province, city, address, telephone, and photo. The Investigator table has eight columns: investigator_id (primary key), investigator_name, rank, birth_date, gender, address, telephone, and photo. You will also create GUI to display, edit, insert, and delete for both tables. In the last chapter, you will create two tables, Victim and Case_File. The Victim table has nine columns: victim_id (primary key), victim_name, crime_type, birth_date, crime_date, gender, address, telephone, and photo. The Case_File table has seven columns: case_file_id (primary key), suspect_id (foreign key), police_id (foreign key), investigator_id (foreign key), victim_id (foreign key), status, and description. You will create GUI to display, edit, insert, and delete for both tables as well.

Python

Ready to learn everything about Python 3? Have you always wanted to learn computer programming but you thought is difficult for you? Or perhaps you know other programming languages but you are interested in learning Python 3 language fast than ever? If the answer to these questions is yes..... you have begun one of the greatest adventures of this century!!! It is easy to learn to program since there is no specialized equipment that you need to purchase to run the programs. All you need is the right version of the software, a good computer and operating system. You can learn to program from the comfort of your own home. Python is one of the best languages with which one can learn how to program. There are multiple reasons why, but the simplest explanation is that Python is easy to read and write. It does not take too much time to write a working code since the language has a simple syntax, which makes it easy to write the code. This book acts as a guide for a beginner. This book provides information on how one should code when using Python and what attributes of Python can be used to make the program simple. You can never trust someone who says they know everything about programming. New versions of Python are built regularly to improve the user experience. This book provides information on different aspects of the language and will help you learn more about different structures and functions in Python. You have to keep in mind that the more you learn about programming the better you get at it. You will learn different ways to adapt your programming style to overcome some problems. There are a few exercises that have been given in the book to help you improve on writing code. I urge you to try to write the code before you look at the solutions that have been provided in the last chapter. I hope you enjoy the journey you are about to begin. Power up that computer and prepare yourself for a few solid hours of programming. Let me explain why this book is different... I think that the best way to learn Python (or any other skills) is by doing it. This book includes visual charts that you'll guide you and help you learn those specific codes that you want to learn really fast. And in this way, believe me that you'll have an immense sense of achievement and it'll also help you retain the knowledge and master the language. The book is updated to the latest version of Python 3 and the main topics of what the book will be about include: - An Introduction to Python - How to Design a Software - Learn How to Create Data Types and Variables - Conditional Statements - Create and modify Data Structures in Python - Manipulate and Working with Strings - How to Use Files - Automate Coding Tasks By Building Custom Python Functions - Solutions I hope you enjoy the journey you are about to begin. Power up that computer and prepare yourself for a few solid hours of programming. If you've been thinking seriously about digging into programming, Python 3 Programming: A Beginner Crash Course

Guide to Learn Python 3 in 1 Week , will get you up to speed and have you writing real programs fast. Why wait any longer? Click the BUY button now and start your engines and code!

Python Crash Course REA INTERNATIONAL LTD

Take Advantage of 55% Book Store Discount Win the Trust of Your Clients with this Professional Book Why Python has been proclaimed by the most Professional Techs as the best Scripting Language ? Do you want to learn Coding from scratch? Python is presumably the easiest-to-learn and nicest-to-use programming language in widespread use. Python code is clear to read and write, and it is short without being cryptic. It is a very powerful language, which means that we can generally write far fewer lines of Python code than would be needed for an equivalent application written in, say, C++ or Java. Python is typically typed in an implicit and dynamic format; hence, there is no requirement to declare variables. These types are enforced, and the variables are sensitive to cases. There is no definite array of characters used to terminate statements in Python. Any statement which expects a level of indentation is concluded using a colon sign. Multiple variables can also be used on a single line. This book covers the following topics: - The 7 main Features of Python - Why you should use Python - What is the best Python web app framework and why - Data Types in Python - Conditional Statements - Why is Python so popular in Machine Learning - ...&Lot more! In Python Programming, the English language is mainly used in coding many keywords. The mastery of these keywords means knowledge of the fundamental aspects of python programming. However, before delving into these primary keywords, you have to understand the basic concepts associated with Python. These concepts are necessary to understand every other aspect of the scripting language. By reading this book, you're off to a great start. It is designed to ease your way into Python programming world. So, Ready to Become a Master of Python? Get Customers Addicted to Your Store!

Python Programming No Starch Press

Have you always wanted to Learn Python Programming but you have thought it to be too difficult for you? You are 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 thoroughly all concepts and the results of 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 thoroughly your knowledge! Are you ready to enter the exciting world of Python? Then this book is for you. Get Your Copy Now! Scroll up and click on "Buy Now with 1-Click". What you'll learn: - What is Python - How to install python and what is the best distribution - What are data types and variables - How to work with numbers in Python - What operators there are in Python and when to use them - How to manipulate Strings - How to implement Program Flow Controls - How to implement loops in Python - What are Python lists, tuples, sets and dictionaries and how to use them - How to create modules and functions - How to program according to the Object Oriented paradigm - How to create classes - What are and how to use Inheritance, Polymorphism and Abstraction and Encapsulation and much more... Across the entire book you'll be helped through practical exercises that require the application of all the topics covered. Click the BUY button and download the book now to start learning Python well and fast!

PYTHON PROGRAMMING Independently Published

BRIDGE THE GAP BETWEEN NOVICE AND PROFESSIONAL You've completed a basic Python programming tutorial or finished Al Sweigart's bestseller, Automate the Boring Stuff with Python. What's the next step toward becoming a capable, confident software developer? Welcome to Beyond the Basic Stuff with Python. More than a mere collection of advanced syntax and masterful tips for writing clean code, you'll learn how to advance your Python programming skills by using the command line and other professional tools like code formatters, type checkers, linters, and version control. Sweigart takes you through best practices for setting up your development environment, naming variables, and improving readability, then tackles documentation, organization and performance measurement, as well as object-oriented design and the Big-O algorithm analysis commonly used in coding interviews. The skills you learn will boost your ability to program—not just in Python but in any language. You'll learn: Coding style, and how to use Python's Black auto-formatting tool for cleaner code Common sources of bugs, and how to detect them with static analyzers How to structure the files in your code projects with the Cookiecutter template tool Functional programming techniques like lambda and higher-order functions How to profile the speed of your code with Python's built-in timeit and cProfile modules The computer science behind Big-O algorithm analysis How to make your comments and docstrings informative, and how often to write them How to create classes in object-oriented programming, and why they're used to organize code Toward the end of the book you'll read a detailed source-code breakdown of two classic command-line games, the Tower of Hanoi (a logic puzzle) and Four-in-a-Row (a two-player tile-dropping game), and a breakdown of how their code follows the book's best practices. You'll test your skills by implementing the program yourself. Of course, no single book can make you a professional software developer. But Beyond the Basic Stuff with Python will get you further down that path and make you a better programmer, as you learn to write readable code that's easy to debug and perfectly Pythonic Requirements: Covers Python 3.6 and higher

Python Crash Course No Starch Press

★ 55% OFF for Bookstores! NOW at \$33,97 instead of \$43,97! Do you want to learn Python Programming in one week and learn it well? Your Customers Will Never Stop To Use This Amazing Guide!

Fluent Python No Starch Press

*** Get Your Copies TODAY for \$23.95 instead of \$34.99! 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! **

Learn Python Independently Published

Would you like to learn python quickly? This is the ideal course for you. Python is currently a widely used programming language. Increasing day-to-day popularity. Like the use of python in professional work, it is also increasing demand in the academic sector. In Coursera, various online courses, like the programming language, use of Python is a great tool. Python comes with Linux, Mac OSX, and Windows operating system. Python is one of Google's official programming languages. This course will introduce people who know the rough programming to Python. The course is not suitable for those who are new to programming. Those who want to use Python in the fancy project or professional project they can start learning Python with this course. And those who are preparing for higher education can also get acquainted with python by taking this course. Those who are new to the programming will have trouble understanding this course, but those who are already familiar with Python will not have much benefit from the course. The course is mainly for university-level students who have finished well at least one programming course. Must be proficient in programming basics. The book contains: BEFORE STARTING FIRST PYTHON PROGRAM VARIABLE, DATATYPE, DATA INPUT OPERATOR COMMENT STRING MANIPULATION LIST TUPLE SET DICTIONARY CONDITIONAL LOGIC LOOP COMPREHENSION FUNCTION FILE ERROR HANDLING CLASS, OBJECT AND METHOD INHERITANCE ITERATOR AND GENERATOR MAGIC METHOD MODULE AND PACKAGE DECORATOR REGULAR EXPRESSION Unit testing Docstring DEBUGGING AND LOGGING DATA STRUCTURE AND ALGORITHM GUI PROGRAMMING CONCLUSION

Python Crash Course, 3rd Edition "O'Reilly Media, Inc."

Are you looking for a super-fast computer programming course? Then keep reading! ♥Python for Beginners♥ will introduce you in the world of computer programming. You will be able to master the language of Python and discover the world of data science, machine learning and much more. You will learn Python's powerful applications in an extremely short time. You will also learn all the best tricks of writing codes. Examples and step-by-step guides will guide you during the code-writing learning process. The following list is just a tiny fraction of what you will learn: · ✓ The basics of Python programming · ◆ Differences among programming languages: Vba, SQL, R, Python · ✓ Python optimization codes · ◆ Python design patterns · ✓ Data visualization optimal tools and techniques · ◆ Analysis of popular Python projects templates · ✓ Game creation with Python Even if you have never written a programming code before, you will quickly grasp the basics thanks to visual charts and guidelines for coding. Then, if you really wish to explore the world of python, learn and master its language, please click the [BUY NOW](#) button.

PYTHON CRASH COURSE Apress

Learn and use Python and PyGame to design and build cool arcade games. In Program Arcade Games: With Python and PyGame, Second Edition, Dr. Paul Vincent Craven teaches you how to create fun and simple quiz games; integrate and start using graphics; animate graphics; integrate and use game controllers; add sound and bit-mapped graphics; and build grid-based games. After reading and using this book, you'll be able to learn to program and build simple arcade game applications using one of today's most popular programming languages, Python. You can even deploy onto Steam and other Linux-based game systems as well as Android, one of today's most popular mobile and tablet platforms. You'll learn: How to create quiz games How to integrate and start using graphics How to animate graphics How to integrate and use game controllers How to add sound and bit-mapped graphics How to build grid-based games Audience"div">This book assumes no prior programming knowledge.

Python Crash Course Createspace Independent Publishing Platform

PythonAre You Ready To Learn Python Programming?Welcome and have fun with Python!Today only, get this Book for just \$9.99. Regularly priced at \$15.99.Learning a programming language is not an easy work if you don't have the RIGHT system. It requires time, money and desire. You must search an academy or a teacher, achieve coordination with them, or worse, adapt your own time to their class times. You also have to pay the high fees, month to month, and what is even more annoying is this: you will probably have to go to a special place in order to practice the new programming language! You see, when it comes to learning a new programming language we are ALL in the same game, and yet most people don't realize it. I made this crash course for a reason... I made this course to give YOU a solution. This crash course about Python programming is not only going to teach you the basics of Python in a didactic way, furthermore, you will learn Python language WHEN you want, and more important, WHERE you want (It could even be at your home!) I made this crash course to show you HOW you can learn Python FASTER than you ever thought possible. I will teach YOU step by step the Python Language extremely quickly. I will TAKE you through a step by step guide where you simply can't get lost!This course-book will allow you to practice, learn and deepen your knowledge of Python as a new programming language in an entertaining, interactive, autonomous and flexible course.Stop procrastinating and start NOW! Learning the Python Language is something that is a really worth investing time. To order your copy, click the BUY button and download it right now!End-of-Chapter Exercises "Tell me and i'll forget. Show me and i may remember. Involve me and i learn". Because we know that: each Python chapter comes with an end-of-chapter exercise where you get to practice the different Python properties

covered in the chapter. If you are determined to learn no one can stop you.Here Is A Preview Of What You'll Learn When You Download You Copy Today: What is Python and why learn it? Installation Variables and Datatypes Basic Operators Sequences Working with lists Working with strings Sets Dictionaries Conditionals Loops Custom Functions Classes Modules and Packages File Handling Advanced Functionalities Exercises and solutions Much, much more! Download your copy today!The contents of this book are easily worth over \$15,99, but for a limited time you can download "Python: Learn Python In A DAY!" for a special discounted price of only \$9.99To order your copy, click the BUY button and get it right now!Academy.(c) 2015 All Rights ReservedPython: Learn Python In A DAY! - The Ultimate Crash Course to Learning the Basics of Python In No Time-----Tags: Python, Python course, Python book, Python programming language, Python book-course, Python Programming, Python for Beginners

Python for Beginners No Starch Press

Are you looking for a crash course that will help you learn Python? If yes, then keep reading! There are hundreds of different programming languages out there in the world, with Wikipedia listing over 700 notable languages. Given how many languages you could potentially learn, why learn Python? Python is one of the most popular programming languages in the world in 2020 and specially for data science. Every day people use it to do cool things like Automation, they use it in Artificial Intelligence, as well as Building Applications and Websites like Instagram and Dropbox. YouTube, Pinterest, and SurveyMonkey are all built on Python. So if you are looking for a trendy job, like data scientist, Python is for you. In this book you are going to learn everything to get started programming in Python. Python can be used on a wide variety of operating systems, and its clean, readable code style makes it relatively beginner-friendly. While not as fast as other languages, such as C++ or JAVA, Python code is often much shorter and simpler than other languages. Python has seen an explosion in popularity in recent years, driven by several aspects that make it an incredibly versatile and intuitive language. A huge selling point of Python is the cleanliness and readability of its syntax and structure. Commands in Python can often be carried out using simple English keywords, which makes the language much more intuitive than many other languages. Python is also quite versatile in the sense that it supports both structured programming and object-oriented programming approaches. Python even allows the use of certain aspects of functional programming. So i hope you stick around and learn this beautiful and powerful programming language. This book covers: The world of data science technologies Customer targeting and segmentation Application of machine learning Data scientist: the sexiest job in the 21st century Learning Python from scratch What is Python Why learn Python Projects on Python And much more! Despite its simplicity, Python is also sturdy and robust enough to carry out complex scientific and mathematical tasks. Python has been designed with features that drastically simplify the visualization and analysis of data, and Python is also the go-to choice for the creation of machine learning models and artificial intelligence. Be it machine learning, data analytics, data processing, web development, enterprise software development or taking the photo of Blackhole: Python is everywhere. Beloved by the data scientists and new generation developers, Python will eat the word! Ready to get started? Click the BUY NOW button!

Learn Python Damon Parker

Learn how to code while you write programs that effortlessly perform useful feats of automation! The second edition of this international fan favorite includes a brand-new chapter on input validation, Gmail and Google Sheets automations, tips for updating CSV files, and more. If you've ever spent hours renaming files or updating spreadsheet cells, you know how tedious tasks like these can be. But what if you could have your computer do them for you? Automate the Boring Stuff with Python, 2nd Edition teaches even the technically uninclined how to write programs that do in minutes what would take hours to do by hand—no prior coding experience required! This new, fully revised edition of AI Sweigart's bestselling Pythonic classic, Automate the Boring Stuff with Python, covers all the basics of Python 3 while exploring its rich library of modules for performing specific tasks, like scraping data off the Web, filling out forms, renaming files, organizing folders, sending email responses, and merging, splitting, or encrypting PDFs. There's also a brand-new chapter on input validation, tutorials on automating Gmail and Google Sheets, tips on automatically updating CSV files, and other recent feats of automations that improve your efficiency. Detailed, step-by-step instructions walk you through each program, allowing you to create useful tools as you build out your programming skills, 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. Boring tasks no longer have to take to get through—and neither does learning Python!

Program Arcade Games SPARTA PUBLISHING

Are you looking for a crash course that will help you learn Python? If yes, then keep reading! There are hundreds of different programming languages out there in the world, with Wikipedia listing over 700 notable languages. Given how many languages you could potentially learn, why learn Python? Python is one of the most popular programming languages in the world in 2020 and specially for data science. Every day people use it to do cool things like Automation, they use it in Artificial Intelligence, as well as Building Applications and Websites like Instagram and Dropbox. YouTube, Pinterest, and SurveyMonkey are all built on Python. So if you are looking for a trendy job, like data scientist, Python is for you. In this book you are going to learn everything to get started programming in Python. Python can be used on a wide variety of operating systems, and its clean, readable code style makes it relatively beginner-friendly. While not as fast as other languages, such as C++ or JAVA, Python code is often much shorter and simpler than other languages. Python has seen an explosion in popularity in recent years, driven by several aspects that make it an incredibly versatile and intuitive language. A huge selling point of Python is the cleanliness and readability of its syntax and structure. Commands in Python can often be carried out using simple English keywords, which makes the language much more intuitive than many other languages. Python is also quite versatile in the sense that it supports both structured programming and object-oriented programming approaches. Python even allows the use of certain aspects of functional programming. So i hope you stick around and learn this beautiful and powerful programming language. This book covers: The world of data science technologies Customer targeting and segmentation Application of machine learning Data scientist: the sexiest job in the 21st century Learning Python from scratch What is Python Why learn Python Projects on Python And much more! Despite its simplicity, Python is also sturdy and robust enough to carry out complex scientific and mathematical tasks. Python has been designed with features that drastically simplify the visualization and analysis of data, and Python is also the go-to choice for the creation of machine learning models and artificial intelligence. Be it machine learning, data analytics, data processing, web development, enterprise software development or taking the photo of Blackhole: Python is everywhere. Beloved by the data scientists and new generation developers, Python will eat the word! Ready to get started? Click the BUY NOW button!

Python Crash Course Andrew Park

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Learn Python in a Day No Starch Press

Would you like to start programming with Python? Are you interested in learning this language?

Then this book is perfect for you! There are a lot of great options for working with the Python language, and it is not going to take very long before you can work with this kind of writing. There are also a lot of benefits to this language, even when we spend some time comparing it to some of the other coding languages out there. Keep in mind that there are a lot of different coding languages out there that you can focus your attention on. And sometimes, all of these options can make it hard to know which one is the best for your needs. Even with these options, the Python language is going to provide us with a lot of power to handle most of the coding that we want to do, while still being easy to read and learn, and can work with all of the operating systems that you would like. ★★This book covers:★★ ✓ Functions and Modules ✓ Defining Your Functions ✓ Working with Your Module ✓ Working with Files ✓ Using A for Loop to Write and Read Text Files And so much more! This guidebook is going to take the Python language to the next level and look at some of the more advanced features that you can enjoy with this kind of writing, but when you look at some of the codes, even some of these that are more advanced than what you may have worked with in the past, you will find that it is easy to write some codes that have a lot of power, and even easy to complete your projects. Ready to get started? Grab your Copy Now!

Python for Beginners REA INTERNATIONAL LTD

The best-selling Python book in the world, with over 1 million copies sold! A fast-paced, no-nonsense, updated guide to programming in Python. If you've been thinking about learning how to code or picking up Python, this internationally bestselling guide to the most popular programming language is your quickest, easiest way to get started and go! Even if you have no experience whatsoever, Python Crash Course, 2nd Edition, will have you writing programs, solving problems, building computer games, and creating data visualizations in no time. You'll begin with basic concepts like variables, lists, classes, and loops—with the help of fun skill-strengthening exercises for every topic—then move on to making interactive programs and best practices for testing your code. Later chapters put your new knowledge into play with three cool projects: a 2D Space Invaders-style arcade game, a set of responsive data visualizations you'll build with Python's handy libraries (Pygame, Matplotlib, Plotly, Django), and a customized web app you can deploy online. Why wait any longer? Start your engine and code!

Python for Beginners Independently Published

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

Python Crash Course, 2nd Edition Andrew Park

Python programming language has rendered itself as the language of choice for coding beginners and advanced software programmers alike. This book is written to help you master the basic concepts of Python coding and how you can utilize your coding skills to analyze a large volume of data and uncover valuable information that can otherwise be easily lost in the volume. It was designed primarily to emphasize the readability of the programming code, and its syntax enables programmers to convey ideas using fewer lines of code. Python programming language increases the speed of operation while allowing for higher efficiency in creating system integrations. Some of the highlights of the book include: - Key features and advantages of learning to code Python as well as the history of how Python programming was created - Step-by-step instructions on how to install Python on your operating systems (Windows, Mac, and Linux) - The concept of Python data types is presented in exquisite detail with various examples of each data type - How to create Python variables - Comprehensive lists of a variety of built-in functions and methods supported by Python - Basic concepts of writing efficient and effective Python codes, focusing on various programming elements - How to write if and else statements to retrieve desired information from your data - For and While loops are explained with explicit details in an easy-to-understand language - Basic concepts of big data analysis and machine learning algorithms - A brief overview of various renowned machine learning libraries All the concepts are explained with standard Python coding syntax supported with relevant examples and followed by exercises to help you test and verify your understanding of those concepts. Finally, as an added bonus you will learn some Python tips and tricks to take your machine learning programming game to the next level. Remember, knowledge is power, and with the great power you will gather from this book, you will be armed to make sound personal and professional technological choices. Your Python programming skillset will improve drastically, and you will be poised to develop your very own machine learning model! Don't you think it can be that easy? If you really want to have proof of all this, don't waste any more time! Grab your copy now!