Python: Programming, Master's Handbook; A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures Algorithms (Code Like A PRO Engineering, R Programming, IOS Development)

Master the Python Programming Language and Data Analysis With This Comprehensive Guide! If you would like to... Grow your business Get an amazing job Make great business decisions Get rid of the competition... This book will teach you how to achieve all that with the help of data analysis and data science. It might sound like a lot of work, but with proper guidance, you don't need to spend hours bent over textbooks and trying to make sense of a huge amount of information. The goal of this book is not only to learn about data analysis but to go from this theoretical to practical knowledge and application. In other words, you'll be able to complete your own analysis, implement its methods in your business, and master the Python Programming Language! Here's what you'll learn with this book: The importance of data analysis and why every successful business and industry are using it How to process data with tools and techniques used by data scientists The concepts behind Python programming How to use the "data munging" process How to use Python libraries such as Pandas and NumPy for data analysis The importance of data visualization How to create the right analytical algorithm for predicting the market trends How to write codes, and create programs and databases And much more! Even if this is the first time you're hearing about Data Analysis and Python, you can still successfully learn everything this book offers. The instructions are incredibly simple, the methods explained to the finest details and the guides are presented in a step-by-step way. You don't have to be a computer or math expert to develop this skill. You simply need a straightforward guide on the steps you have to take, with clear background explanations to help you understand those steps. If you want to modernize your company and your skills, make the most of your data and become a competitive force on the market, Scroll up, click on "Buy Now with 1-Click", and Get Your Copy Now!

If you want to learn the Python coding language as easily as possible, then keep reading. The Python language is the right option for you to choose when you want to learn a computer language, and you want to make sure that it is as clear as possible. This book follows a fairly easy and ancient approach. It puts more emphasis on solving problems, programming, and design as the major skills of a computer programmer. There are so many things that we can do when it comes to working with the Python coding language and how we can make this work for our basic, and more complex, coding needs. Obviously, these basic features are shown clearly using Python language. We will go to take a look at a lot of the different parts that come with coding in Python, and how to write out some of your codes in no time. Inside this book you will find Python benefits Handling things in Python like lists, tuples, and operators. The functions in Python. Why an OOP language is so important. How to write your Python loops. The conditional statements How to handle exceptions Python encapsulation Python CGI & GUI ...and many more amazing and interesting topics! There are a lot of great features that come with using the Python language, and learning how to make this coding language work for you is the ultimate goal of this guide. When you are ready to learn these basics of coding in the Python language, make sure to check out this book to get started! Want to know more? Scroll to the top of the page and click the "buy now" button!

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.

For many researchers, Python is a first-class tool mainly because of its libraries for storing, manipulating, and gaining insight from data. Several resources exist for individual pieces of this data science stack, but only with the Python Data Science Handbook do you get them all—IPython, NumPy, Pandas, Matplotlib, Scikit-Learn, and other related tools. Working scientists and data crunchers familiar with reading and writing Python code will find this comprehensive desk reference ideal for tackling day-to-day issues: manipulating, transforming, and cleaning data; visualizing different types of data; and using data to build statistical or machine learning models. Quite simply, this is the must-have reference for scientific computing in Python. With this handbook, you'll learn how to use: IPython and Jupyter: provide computational environments for data scientists using Python NumPy: includes the ndarray for efficient storage and manipulation of dense data arrays in Python Pandas: features the DataFrame for efficient storage and manipulation of labeled/columnar data in Python Matplotlib: includes capabilities for a flexible range of data visualizations in Python Scikit-Learn: for efficient and clean Python implementations of the most important and established machine learning algorithms

The Ultimate Step-By-Step Guide to Learn, Understand, and Master Python Programming and Computer Coding Language (From Beginners to Advanced)

Generation Code: I'm a Python Programmer

Exploring Data in Python 3

Conceptual Programming with Python

A Very Simple Introduction to the Terrifyingly Beautiful World of Computers and Code

The Ultimate Beginners Guide to Master Python Programming Step-By-Step with Practical Exercises

Python Programming

Python programming 2021: python programming crash course for the absolute beginners with hands on projectIf you are looking to master Python, now is a perfect time to do it now. But where do you start? You can start with this book right here, right now. It makes learning Python quick, efficient, and easy, removing the uncertainty that comes from learning a new language. It's easy to be confused when studying a new language, and not know where to start or what to concentrate on. You can spend a long time studying online videos just to find out you just don't grasp any of the topics they discussed. That is not going to be a problem here! The book follows a step-by - step guide, walking through everything you need to learn about Python in a simple trendy way. I will teach you all of Python's fundamentals, and even some of Python's more advanced concepts, bringing you from novice to intermediate Python Programmer. How unique the book is ... The easiest way to master Python is by doing so.This book contains a copase study project at the end of the book which involves the application of all the previously taught concepts. Working through the project will not only give you a tremendous sense of achievement, it will also allow you to maintain knowledge and learn the language. This book will help you master the following topics: ▢What is Python? ▢introduction to python.. ▢software you need to code and run Python programs ▢common terms you should know to learn python ▢Rules to be followed in python ▢benefits of python ▢keywords, opeartors ▢strings, tuples, lists ▢inputs and display outputs ▢iterations ▢functions ▢errors and exceptions ▢datatypes ▢math functions ▢file handling ▢objects and classes ▢keywords ▢break, pass, continue statements ▢loops ▢arrays ▢buttons, checkboxes ▢advance concepts ▢tkinter widgets ▢tkinter labels, tkinter buttons ▢geometry managers ▢sockets and much more with case studies You'll gain information about all these topics as you read through the book, broken down into easy to understand ideas with specific, illustrative examples. Now is the best time to start learning Python, so just click "Buy Now" to begin! All the best.

EDUCATIONAL: IT & COMPUTING, ICT. Python is a great introduction to real-world coding languages. In this book, learn how to write programs that ask questions, draw shapes, throw dice and even build you a clock. As you go, get to grips with key coding concepts like loops, variables and functions. The Generation Code series is a hands-on guide to computer coding, designed to train you in the coding languages used by real-world computer programmers. You'll discover how to code exciting programs, web pages, apps and games, and learn how the tools and functions you're using can be applied to other situations. Age 9+

Did you know that according to Harvard Business Review the Data Scientist is the sexiest job of the 21st century? And for a reason! If "sexy" means having rare qualities that are much in demand, data scientists are already there. They are expensive to hire and, given the very competitive market for their services, difficult to retain. There simply aren't a lot of people with their combination of scientific background and computational and analytical skills. Data Science is all about transforming data into business value using math and algorithms. And needless to say, Python is the must-know programming language of the 21st century. If you are interested in coding and Data Science, then you must know Python to succeed in these industries! Data Science for Beginners is the perfect place to start learning everything you need to succeed. Contained within these four essential books are the methods, concepts, and important practical examples to help build your foundation for excelling at the discipline that is shaping the modern word. This bundle is perfect for programmers, software engineers, project managers and those who just want to keep up with technology. With these books in your hands, you will: Learn Python from scratch including the basic operations, how to install it, data structures and functions, and conditional loops Build upon the fundamentals with advanced techniques like Object-Oriented Programming (OOP), Inheritance, and Polymorphism Discover the importance of Data Science and how to use it in real-world situations Learn the 5 steps of Data Analysis so you can comprehend and analyze data sitting right in front of you Increase your income by learning a new, valuable skill that only a select handful of people take the time to learn Discover how companies can improve their business through practical examples and explanations And Much More! This bundle is essential for anyone who wants to study Data Science and learn how the world is moving to an open-source platform, even if you have never seen a line of code in your life. Jump to the next level by learning the basics of programming that will allow you to develop a data-driven approach! Order Your Copy of the Bundle Now and Start to Develop New Valuable Skills Today!

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

A Learner's Guide to Programming Using the Python Language

Basic Core Python Programming

The Book

Learn Python Programming

A Complete Guide to Master the Basics of Python Programming

Data Science for Beginners

The Ultimate and Complete Guide for Beginners to Master Data Science with Python Step By Step

55 % discount for bookstores ! Now At $23.99 instead of $ 37.18 $ Your customers will never stop reading this guide !!! PYTHON PROGRAMMING FOR BEGINNERS This book has taken a visit through Python's numeric item types and the tasks we can apply to them. We fulfilled the guideline number and gliding point types, just as some more intriguing and less usually utilized sorts like complex numbers, parts, and sets. We likewise investigated Python's demeanor punctuation, type changes, bitwise tasks, and different strict structures for coding numbers in contents. Later in this book, we will fill in certain insights regarding the following item type, the string. In the following part, nonetheless, we'll set aside some effort to investigate the mechanics of variable task in more detail than we have here. This ends up being maybe the most crucial thought in Python. In this part, we took a top to bottom visit through the string object type. We found out about coding string literals, and we investigated string tasks, including arrangement articulations, string strategy calls, and string organizing with the two articulations and technique calls. En route, we contemplated an assortment of ideas inside and out, like cutting, technique call punctuation, and triple-cited block strings. We likewise characterized some center thoughts normal to an assortment of types: successions, for instance, share a whole arrangement of tasks. Buy it Now and let your customers get addicted to this amazing book !!

Master Python Programming Today Fast And Easily!! Today only, get this Amazon bestseller for just $13.38. Regularly priced at $17.38. This book contains proven steps and strategies to learn the essentials of Python Programming. It highlights the important concepts that every beginner to intermediate programmer should know and presents relevant and practical examples. It aims to provide a solid foundation for people who want to start a career in Python Programming. This book is a must for programming enthusiasts or students who need to learn and understand Python easily, quickly, and methodically. Here is a preview of what this book will offer: 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 The manipulation of items in Python Programming Softwares Interactions between the user and computer using Python Method to develop your first software and beyond (including in-depth data manipulation) The future prospects of learning Python Don't wait any longer, get your copy today!

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Maintaining a practical perspective, Python Programming: A Practical Approach acquaints you with the wonderful world of programming. The book is a starting point for those who want to learn Python programming. The backbone of any programming, which is the data structure and components such as strings, lists, etc., have been illustrated with many examples and enough practice problems to instill a level of self-confidence in the reader. Drawing on knowledge gained directly from teaching Computer Science as a subject and working on a wide range of projects related to ML, AI, deep learning, and blockchain, the authors have tried their best to present the necessary skills for a Python programmer. Once the foundation of Python programming is built and the readers are aware of the exact structure, dimensions, processing, building blocks, and representation of data, they can readily take up their specific problems from the area of interest and solve them with the help of Python. These include, but are not limited to, operators, control flow, strings, functions, module processing, object-oriented programming, exception and file handling, multithreading, synchronization, regular expressions, and Python database programming. This book on Python programming is specially designed to keep readers busy with learning fundamentals and generates a sense of confidence by attempting the assignment problems. We firmly believe that explaining any particular technology deviates from learning the fundamentals of a programming language. This book is focused on helping readers attempt implementation in their areas of interest through the skills imparted through this book. We have attempted to present the real essence of Python programming, which you can confidently apply in real life by using Python as a tool. Salient Features ▢ Based on real-world requirements and solution. ▢ Simple presentation without avoiding necessary details of the topic. ▢ Executable programs on almost every topic. ▢ Plenty of exercise questions, designed to test readers' skills and understanding. Purposefully designed to be instantly applicable, Python Programming: A Practical Approach provides implementation examples so that the described subject matter can be immediately implemented due to the well-known versatility of Python in handling different data types with ease.

Python for Data Analysis

Mastering Python

Python Data Science Handbook

A Brain-Friendly Guide

Python for Beginners with Hands-On Project. the Only Book You Need to Start Coding in Python Immediately

A Step-By-step Guide, Tips and Tricks and Mini Projects

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.

Here's the Perfect Solution if You Want to Become the Master of Data Science and Learn Phyton Step-by-Step Would you like to: Learn a super competitive skill? Become irreplaceable in the future job market? Upgrade yourself to the ultimate data whizz? If so, then keep reading! Data science is one of the emerging technologies that is set to radically transform the job market. With applications in almost every industry, data science experts will have no shortage of great job offers. But, the whole field may seem a little intimidating if your background is not specific to data science. This book is here to guide you through the field of data science from the very beginning. You will learn the fundamental skills and tools to support your learning process. If you're a beginner, this is the book to help you easily understand the basics of data science. To understand data science, you also need a good understanding of how Python helps you design and implement these projects. This guidebook is going to explain how we can get all of this done. Here just a little preview of what you'll find inside this book: A thorough and simple explanation of data science and the way it works Basics of data science and fundamental skills you need to get started Data science libraries you need to learn to become a data whizz A blueprint for the most used frameworks for Python data science How to process and understand the data and design your own projects AND SO MUCH MORE! Even if you're an absolute beginner with little programming experience, you will find this book easy to follow and implement. This guide is your first step towards a successful data science career, so don't hesitate! Scroll Up, Click the "Buy Now with 1-Click", and Get Your Copy!

If you want to learn more about Data Analysis or how to master it with the Python Programming Language, then keep reading. Everyone talks about data today. You have probably come across the term "data" more times than you can remember in one day. Data as a concept is so wide. One thing that is true about data is that it can be used to tell a story. The story could be anything from explaining an event to predicting the future. Data is the future. Businesses, governments, organizations, criminals-everyone needs data for some reason. Entities are investing in different data approaches to help them understand their current situation, and use it to prepare for the unknown. 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 monopolies. Therefore, the data, tools, and techniques used in the analysis are easily available for anyone to interpret data sets and get relevant explanations. With Python for Data Analysis you will learn about the main steps that are needed to correctly implement Data Analysis and the procedures to help you extract the right insights from the right data. Some of the topics that we will discuss inside include: What Data Analysis is all about and why businesses are investing in this sector The 5 steps of a Data Analysis Pandas, Jupyter and PyTorch The 7 Python libraries that make Python one of the best choices for Data Analysis Neural Network How Data Visualization and Matplotlib can help you to understand the data you are working with. Some of the main industries that are using data to improve their business with 14 real-world applications And Much More! While most books focus on how to implement advanced predictive models, this book takes the time to explain the basic concepts and all the necessary steps to correctly implement Data Analysis, including Data Visualization and providing practical examples and simple coding scripts. Don't miss the opportunity to learn more about these topics. Even if you never used Data Analysis, learning it is easier than it looks, you just need the right guidance. This practical guide provides all the knowledge you need in a simple and practical way. Regardless of your previous experience, you will learn the steps of Data Analysis, how to implement them in Python, 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!

"Highly recommended to everyone interested in deepening their understanding of Python and practical computer science." —Daniel Kenney-Jung, MD, University of Minnesota Key Features Master formal techniques taught in college computer science classes Connect computer science theory to real-world applications, data, and performance Prepare for programmer interviews Recognize the core ideas behind most "new" challenges Covers Python 3.7 Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About The Book Programming problems that seem new or unique are usually rooted in well-known engineering principles. Classic Computer Science Problems in Python guides you through time-tested scenarios, exercises, and algorithms that will prepare you for the "new" problems you'll face when you start your next project. In this amazing book, you'll tackle dozens of coding challenges, ranging from simple tasks like binary search algorithms to clustering data using k-means. As you work through examples for web development, machine learning, and more, you'll remember important things you've forgotten and discover classic solutions that will save you hours of time. What You Will Learn Search algorithms Common techniques for graphs Neural networks Genetic algorithms Adversarial search Uses type hints throughout This Book Is Written For For intermediate Python programmers. About The Author David Kopec is an assistant professor of Computer Science and Innovation at Champlain College in Burlington, Vermont. He is the author of Dart for Absolute Beginners (Apress, 2014), Classic Computer Science Problems in Swift (Manning, 2018), and Classic Computer Science Problems in Java (Manning, 2020) Table of Contents Small problems Search problems Constraint-satisfaction problems Graph problems Genetic algorithms K-means clustering Fairly simple neural networks Adversarial search Miscellaneous problems

Are you searching for the fastest way to discover the secrets of the fascinating world of Computer Science? Today you have the opportunity to get three best-selling guides in a single phenomenal mega bundle: if you are a student or a professional looking for more technical skills, then this is definitely the book for you. In this complete crash course Jason Callaway has condensed all the knowledge you need in a clear and beginner-friendly way, with practical examples, detailed explanations, tips and tricks from his experience. His revolutionary approach will speed up your learning, allowing you to master the Python language and its powerful applications for Machine Learning in an extremely short time, even if you are a complete beginner. Here is just a tiny fraction of what you will learn: The basics of Python programming variables, data types, basic and advanced operations Essential Python libraries such as NumPy, Pandas, Matplotlib The most up-to-date computational methods and visualization techniques for data science Real-world applications of machine learning and artificial intelligence How to build statistical and machine learning models and predictive modeling The OSI reference model Computer Network Communication systems and their applications Wireless technologies and their vulnerabilities If you are ready to develop a successful career in the growing industry of computer science, then click the BUY button and get your copy!

Python Data Science

Python Tricks

Python

Python Programming 2021

Expert Python Programming

Murach's Python Programming (2nd Edition)

The Updated Guide To Learn Python Programming Step by Step With Practical Examples & The Basics Of Machine Learning. Master Computer Languages In A Few Days. (Vol. 1)

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! Book in black and white version

Presents the concepts of writing computer programs, covering such topics as variables, loops, functions, data files and arrays, modular programming, widgets, exceptions, and objects.

Gain a deep understanding of building, maintaining, packaging, and shipping robust Python applications Key FeaturesDiscover the new features of Python, such as dictionary merge, the zoneinfo module, and structural pattern matchingCreate manageable code to run in various environments with different sets of dependenciesImplement effective Python data structures and algorithms to write, test, and optimize codeBook Description This new edition of Expert Python Programming provides you with a thorough understanding of the process of building and maintaining Python apps. Complete with best practices, useful tools, and standards implemented by professional Python developers, this fourth edition has been extensively updated. Throughout this book, you'll get acquainted with the latest Python improvements, syntax elements, and interesting tools to boost your development efficiency. The initial few chapters will allow experienced programmers coming from different languages to transition to the Python ecosystem. You will explore common software design patterns and various programming methodologies, such as event-driven programming, concurrency, and metaprogramming. You will also go through complex code examples and try to solve meaningful problems by bridging Python with C and C++, writing extensions that benefit from the strengths of multiple languages. Finally, you will understand the complete lifetime of any application after it goes live, including packaging and testing automation. By the end of this book, you will have gained actionable Python programming insights that will help you effectively solve challenging problems. What you will learnExplore modern ways of setting up repeatable and consistent Python development environmentsEffectively package Python code for community and production useLearn modern syntax elements of Python programming, such as f-strings, enums, and lambda functionsDemystify metaprogramming in Python with metaclassesWrite concurrent code in PythonExtend and integrate Python with code written in C and C++Who this book is for The Python programming book is intended for expert programmers who want to learn Python's advanced-level concepts and latest features. Anyone who has basic Python skills should be able to follow the content of the book, although it might require some additional effort from less experienced programmers. It should also be a good introduction to Python 3.9 for those who are still a bit behind and continue to use other older versions.

Thorsten and Isaac have written this book based on a programming course we teach for Master's Students at the School of Computer Science of the University of Nottingham. The book is intended for students with little or no background in programming coming from different backgrounds educationally as well as culturally. It is not mainly a Python course but we use Python as a vehicle to teach basic programming concepts. Hence, the words conceptual programming in the title. We cover basic concepts about data structures, imperative programming, recursion and backtracking, object-oriented programming, functional programming, game development and some basics of data science.

Programming, Master's Handbook; a TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures and Algorithms (Code Like a PRO in 24 Hrs Or Less!)

THIS BOOK INCLUDES: Python For Beginners + Python Programming . Master the Machine Language Data Science Analysis and Artificial Intelligence. Exercises Included

The Fundamentals of Python Programming

A Complete Reference Book to Master Python with Practical Applications (English Edition)

The Python Apprentice

Python Programming for Beginners

4 Books in 1 -- Master the Basics of Python Programming and Learn the Art of Data Science with Real-World Applications to Artificial Intelligence and Machine Learning

"I don't even feel like I've scratched the surface of what I can do with Python" With Python Tricks: The Book you'll discover Python's best practices and the power of beautiful & Pythonic code with simple examples and a step-by-step narrative. You'll get one step closer to mastering Python, so you can write beautiful and idiomatic code that comes to you naturally. Learning the ins and outs of Python is difficult- and with this book you'll be able to focus on the practical skills that really matter. Discover the "hidden gold" in Python's standard library and start writing clean and Pythonic code today. Who Should Read This Book: If you're wondering which lesser known parts in Python you should know about, you'll get a roadmap with this book. Discover cool (yet practical) Python tricks and blow your coworkers' minds in your next code review. If you've got experience with legacy versions of Python, the book will get you up to speed with modern patterns and features introduced in Python 3 and backported to Python 2. If you've worked with other programming languages and you want to get up to speed with Python, you'll pick up the idioms and practical tips you want to make Python your own and learn how to write clean and Pythonic code, you'll discover best practices and little-known tricks to round out your knowledge. What Python Developers Say About The Book: "I kept thinking that I wished I had access to a book like this when I started learning Python many years ago." - Mariatta Wijaya, Python Core Developer "This book makes you write better Python code!" - Bob Belderbos, Software Developer at Oracle "Far from being just a shallow collection of snippets, this book will leave the attentive reader with a deeper understanding of the inner workings of Python as well as an appreciation for its beauty." - Ben Felder, Pythonista "It's like having a seasoned tutor explaining, well, tricks!" - Daniel Meyer, Sr. Desktop Administrator at Tesla Inc.

Learn the Python skills and culture you need to become a productive member of any Python project. About This Book Taking a practical approach to studying Python A clear appreciation of the sequence-oriented parts of Python Emphasis on the way in which Python code is structured Learn how to produce bug-free code by using testing tools Who This Book Is For The Python Apprentice is for anyone who wants to start building, creating and contributing towards a Python project. No previous knowledge of Python is required, although at least some familiarity with programming in another language is helpful. What You Will Learn Learn the language of Python itself Get a start on the Python standard library Learn how to integrate 3rd party libraries Develop libraries on your own Become familiar with the basics of Python testing In Detail Experienced programmers want to know how to enhance their craft and we want to help them start as apprentices with Python. We know that before mastering Python you need to learn the culture and the tools to become a productive member of any Python project. Our goal with this book is to give you a practical and thorough introduction to Python programming, providing you with the insight and technical craftsmanship you need to be a productive member of any Python project. Python is a big language, and it's not our intention with this book to cover everything there is to know. We just want to make sure that you, as the developer, know the tools, basic idioms and of course the ins and outs of the language, the standard library and other modules to be able to jump into most projects. Style and approach We introduce topics gently and then revisit them on multiple occasions to add the depth required to support your progression as a Python developer. We've worked hard to structure the syllabus to avoid forward references. On only a few occasions do we require you to accept techniques on trust, before explaining them later; where we do, it's to deliberately establish good habits. If you want to learn more about Data Science or how to master it with the Python Programming Language, then keep reading. Data Science is one of the biggest buzzwords in the business world nowadays. Many businesses know the importance of collecting information, but as they can collect so much data in a short period, the real question is: "what is the next step?" Data Science includes all the different steps that you take with the data: collecting and cleaning them if they come from more than one source, analyzing them, applying Machine Learning algorithms and models, and then presenting your findings from the analysis with some good Data Visualizations. And this is what you will learn in Python Data Science. You will learn about the main steps that are needed to correctly implement Data Science and the algorithms to help you sort through the data and see some amazing results. Some of the topics that we will discuss inside include: What data science is all about and why so many companies are using it to give them a competitive edge. Why Python and how to use it to implement Data Science What is the intersection between Machine Learning and Data Science and how to combine them The main Data Structures & Object-Oriented Python, with practical codes and exercises to use Python Functions and Modules in Python The 7 most important algorithms and models in Data Science Data Aggregation and Group Operations 9 important Data Mining techniques in Data Science Interaction with databases and data in the cloud And Much More! Where most books only focus on how collecting and cleaning the data, this book goes further, providing guidance on how to perform a proper analysis in order to extract precious information that may be vital for a business. Don't miss the opportunity to learn more about these topics. Even if you have never implemented Data Science techniques, learning them is easier than it looks. You just need the right guidance. And Python Data Science provides all the knowledge you need in a simple and practical way. Regardless of your previous experience, you will learn, the techniques to manipulate and process datasets, the principles of Python programming, and its most important real-world applications. Would You Like To Know More? Scroll Up And Click The BUY NOW Button To Get Your Copy Now!

Learn Python STRAIGHT from the Masters! " I found this book to be very easy to follow and well-written. The author speaks to beginners such as myself and I learned a lot that I didn't know before. " - S. Hendricks, from Amazon.com " I liked how this book explained the language for starters, it was simple to understand. " - Cathy, from Amazon.com " I always thought Python was be a tough language to master, but this book proved me so wrong. " - Aaron Parker, from Amazon.com Do you want an EASIER, faster learning experience in coding? Are you ready to start a FULFILLING career in Programming? Crafted by some of the best minds who have studied in some of the world's top universities, You're among one of the best learning programs out there.But are you paying THOUSANDS of dollars just to learn how to code well? NO!Hundreds? Not even close. Within this book's pages, you'll find GREAT coding skills to learn - and more. Just some of the questions and topics include: - Certain mistakes in your code you DON'T want to commit... - How to make PROPER data structures (other books don't teach you this way...) - How to make PROPER Functions (other books don't teach you this way either...) - REAL coding workshops to test your new skills... - How to Change your Data without causing errors in your code (IMPORTANT!) and Much, much more!World-Class TrainingThis book breaks your training down into easy-to-understand modules. It starts from the very essentials of data structures and functions, so you can write great code - even as a beginner!

A Practical Approach

The Updated Advanced Guide to Master Python Programming

Begin your Journey to Master the World of Python (English Edition)

Python for Everybody

A Complete Guide for Beginners to Master and Become an Expert in Python Programming Language

Quantum Computing with Python

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 collection of two books, one for beginners and the other for experts, will allow you to learn both the basic principles and the more complex dynamics, until you reach a good level of knowledge of 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.

Master the art of writing beautiful and powerful Python by using all of the features that Python 3.5 offers About This Book Become familiar with the most important and advanced parts of the Python code style Learn the trickier aspects of Python and put it in a structured context for deeper understanding of the language Offers an expert's-eye overview of how these advanced tasks fit together in Python as a whole along with practical examples Who This Book Is For Almost anyone can learn to write working script and create high quality code but they might lack a structured understanding of what it means to be 'Pythonic'. If you are a Python programmer who wants to code efficiently by getting the syntax and usage of a few intricate Python techniques exactly right, this book is for you. What You Will Learn Create a virtualenv and start a new project Understand how and when to use the functional programming paradigm Get familiar with the different ways the decorators can be written in Understand the power of generators and coroutines without digressing into lambda calculus Create metaclasses and how it makes working with Python far easier Generate HTML documentation out of documents and code using Sphinx Learn how to track and optimize application performance, both memory and cpu Use the multiprocessing library, not just locally but also across multiple machines Get a basic understanding of packaging and creating your own libraries/applications In Detail Python is a dynamic programming language. It is known for its high readability and hence it is often the first language learned by new programmers. Python being multi-paradigm, it can be used to achieve the same thing in different ways and it is compatible across different platforms. Even if you find writing Python code easy, writing code that is efficient, easy to maintain, and reuse is not so straightforward. This book is an authoritative guide that will help you learn new advanced methods in a clear and contextualised way. It starts off by creating a project-specific environment using venv, introducing you to different Pythonic syntax and common pitfalls before moving on to cover the functional features in Python. It covers how to create different decorators, generators, and metaclasses. It also introduces you to functools.wraps and coroutines and how they work. Later on you will learn to use asyncio module for asynchronous clients and servers. You will also get familiar with different testing systems such as py.test, doctest, and unittest, and debugging tools such as Python debugger and faulthandler. You will learn to optimize application performance so that it works efficiently across multiple machines and Python versions. Finally, it will teach you how to access C functions with a simple Python call. By the end of the book, you will be able to write more advanced scripts and take on bigger challenges. Style and Approach This book is a comprehensive guide that covers advanced features of the Python language, and communicate them with an authoritative understanding of the underlying rationale for how, when, and why to use them.

By the time you finish this book, you'll be proficient in Python and will be able to apply the basic programming principles you've learned to the next programming language you tackle.

Mastering Advanced Python Programming KEY FEATURES ● In-depth coverage of fundamentals of functions, recursion, classes, inheritance, and files. ● Mastery of advanced topics - Database connectivity, Errors and Exception, Testing and Debugging, threads, Data visualization, and Data analysis. ● In-depth coverage of advanced concepts such as data structures, and algorithms. ● Simplifies GUI and Widgets. ● Learn to connect GUI with MySQL to create a complete working application. ● Introduction to Flask. ● Thorough, detailed, and complete coverage of all topics along with ample coding examples and illustrations. DESCRIPTION Advance Core Python Programming is designed for Programmers who have a good understanding of Python basics and are ready to take the next steps. For entry-level Python programmers willing to dive deeper into programming, this book provides a path that will help them to add innovative features to their applications. This book starts by introducing you to the concept of Functions and

Recursion and then moves on to higher levels of introducing you to OOP concepts, Files, integrating Python with database, threading, errors, exceptions, testing, debugging, data visualization, data analysis, GUI, data structures and algorithms. All these topics are the need of the hour and this book simplifies all these critical and essential concepts of Python for you. Knowledge of these topics will ease the functioning of your envisioned application. Throughout the book, you will have access to several coding examples which will help you to understand the real practical application of advanced Python concepts and you will be able to work on any kind of Python project with confidence. WHAT YOU WILL LEARN ● Learn advanced Python topics in simple language. ● Learn how to code in easy-to-follow steps. ● Learn to create your own classes and functions. ● Learn to work with Files. ● Learn to configure MySQL and make Python programs interact with the MySQL database. ● Get to know different types of errors, exceptions, and ways to test, debug and rectify them. ● Learn how to use Python for Data Visualization and Data Analysis. ● Learn to Create GUI features and add Widgets. ● Learn about data structures and algorithms. ● Learn to create and develop stack, queues, trees, and linked lists. ● Explore Flask, its features, and how to use it to build web applications. ● Learn to work on complex code by following simple step-by-step instructions. ● Prepare for theory and practical exams related to advanced Python Concepts. WHO THIS BOOK IS FOR This book is highly appealing to all tech-savvy students, programming enthusiasts, IT graduates, and computer science professionals who want to build strong proficiency in building Python applications. Prior understanding of Python basic coding concepts like variables, expressions, and control structures is required to begin with this book. You can also read Basic Core Python Programming to develop strong fundamentals before you start with this book. TABLE OF CONTENTS 1. Functions and Recursion 2. Classes, Objects, and Inheritance 3. Files 4. MySQL for Python 5. Python Threads 6. Errors, Exceptions, Testing, and Debugging 7. Data Visualization and Data Analysis 8. Creating the GUI form and Adding Widgets 9. MySQL and Python Graphical User Interface 10. Stack, Queue, and Deque 11. Linked List 12. Trees 13. Searching and Sorting 14. Getting Started with Flask

Learn Python in One Day and Learn It Well

Learn Python 3 the Hard Way

The no-nonsense, beginner's guide to programming, data science, and web development with Python 3.7, 2nd Edition

Head First Python

Classic Computer Science Problems in Python

4 Books in 1: A Complete Overview for Beginners to Master the Basics of Python Programming and Understand How to Build Artificial Intelligence Through Data Science

Python Programming: a Practical Introduction to Master Python Programming

PythonProgramming, Master's Handbook; a TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures and Algorithms (Code Like a PRO in 24 Hrs Or Less!)CreateSpace

Learn the most popular software programming language in easy steps KEY FEATURES ● Extensive coverage on fundamentals and core concepts of Python programming. ● A complete reference guide to crack Python Interviews and exams. ● Includes ample MCQs and solved examples to prepare you for theory and practical exams. ● Easy-to-understand text with explanatory illustrations. DESCRIPTION Basic Core Python Programming is an absolute beginners book. It focuses on the fundamentals of Python programming and simplifies coding concepts. This book makes it easy to learn the concepts of Python variables, Expressions, Decision structures, and Iteration. Equipped with a lot of exercises and Q&As, you don't just practice the programming but also gain an in-depth understanding of the basic concepts of Python. You will start your journey right from how to go about Python installation and start using its interactive development environment and go on to learn how to build logic and implement it with coding. You will explore different types of data, operators, and in-built functions. This book covers numerous coding examples that will help you understand the importance of each data type, how to work with each one of them, and when to use them. You can learn some more practical useful concepts like how to implement control structures and use them for decision making and controlling the program flow. WHAT YOU WILL LEARN ● Stronghold on Python variables, expressions, decision structures, and iterations. ● Practical knowledge on how to work with various data types, operators, and in-built functions. ● Learn to implement strings, lists, arrays, and control structures. ● Learn how to control the program flow and how to use it for decision-making. ● A great reference book on Python basics for software programmers. WHO THIS BOOK IS FOR This book is highly appealing to all tech-savvy students, programming enthusiasts, IT undergraduates, and computer science students. You do not need any prior knowledge of programming to begin with this book as long as you have the interest to learn to program. TABLE OF CONTENTS 1. Introduction 2. Python Basics 3. Numbers, Operators, and In-built Functions 4. Strings 5. Lists and Arrays 6. Tuples and Dictionaries 7. Sets and Frozen Sets 8. Program Flow Control in Python

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 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 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.

Advanced Python Programming

Python for Data Science

Machine Learning

Essential Tools for Working with Data

Head First Programming

3 Books in 1: Master the Mathematics of Applied Artificial Intelligence and Learn the Secrets of Python Programming, Data Science, and Computer Networking (Step-by-Step Guide)

A Beginners' Guide to Understand Machine Learning and Master Coding. Includes Smalltalk, Java, TCL, JavaScript, Perl, Scheme, Common Lisp, Data Science Analysis, C++, PHP & Ruby

Do you want to write and solve your own python problems? or want to learn from interactive codes, exercises and interviews? If YES then keep reading. This is the only book that comes with: Key concepts with a step by step guide (assures ZERO confusion and smooth learning experience), Thoroughly tested and reviewed codes (thoroughly tested and proofread by a team of professionals), Q & A sections with interviews (prepares you for your next exam, interview or the meeting) and Mini project ideas with industrial applications (makes you think like a real life programmer). This book provides essential and necessary tips and techniques to easily learn this user-friendly programming language even you're a beginner and total novice. REVIEW FROM AMAZON US CUSTOMER This book also has the valuable tips to code like a pro (helps you gain practical confidence and start coding right away), chapters and exercises (so that you can cement those concepts for your entire life) and everything you need to start coding like a pro (we know how confusing it is to keep changing your learning resource) This is a quick read of the essentials. I suggest you try this book and its method. REVIEW FROM AMAZON US CUSTOMER This book is a perfect choice equally for both experienced and beginners alike. Also, in case, if you are someone who doesn't like reading big books, sound theoretical or have knowledge without any useful skill then this book is definitely for you. What you'll not find in this book: Out-of-date information. (Many Youtube channels and online courses are filled with it) Irrelevant text or images (Big issue with other books over Amazon. Just check the reviews) Non-readable codes (We test codes thoroughly) Now if you really want to impress your friends , gain Python confidence or acquire Python experience using the PRO level tips then do not hesitate or overthink... Just check the preview and click the BUY NOW button to start programming like a pro.

Do you want to learn Python programming fast, without being stuck on an expensive course that's hard to follow? Python may look like a complicated programming language for a beginner, but it's not. Often, the way it's presented in books and courses puts beginners off. But you can learn Python at your own pace, starting with the essentials and then delving into the exciting world of programming numbers, functions, and operations. You can learn what makes Python the versatile and popular programming language that powers Facebook, Amazon, and Instagram. And you don't have to stop there-you can uncover the pitfalls of Python programming so you can avoid them. You will learn: What makes Python better than other programming languages How to use functions to write better code What operators are and what they can do The differences between expressions and statements and how to use each The eight most common Python programming errors How to master Python more quickly Useful programming exercises against which you can test your skills Machine learning algorithms you can integrate into Python Even if you've never written a single line of code before, you can now learn how to get started with Python without stress. It's easier than you'd think. Discover a practical, no-nonsense introduction to Python programming. This updated guide will take you through all the Python programming essentials. It will show you how to avoid common mistakes and prepare you for the fundamentals of coding. Written in a clear and simple language, this book demystifies Python and sets you on the right track to learning one of the most powerful programming languages out there. With this book, you can focus on the facts without letting the theory bog you down. Python programming now opens its doors to you. Are you ready to get started? Buy now this book to begin your adventure into the exciting world of Python programming!

?? 55% OFF for Bookstores! NOW at $ 34.95 instead of $ 54.19 ?? Do you want to Master Python Programming? Then You Are 1-Click Away to make your customers Learning Why Python Is The Preferred Programming Language In Computer Science, Big Data, Machine Learning, Artificial Intelligence And Other Advanced Computing Stuff, Including How To Actually Use Python In These Fields Of Computing! Python is the primary programming language for advanced computing concepts ranging from machine learning, big data, data analytics, artificial intelligence and many others. What exactly do you need to learn? What's the place of python in big data, artificial intelligence, data science, machine learning, analytics etc.? If you have these and other related questions, this book is specially written for you, covering everything from basic to advanced stuff that will give you an above average understanding of using python for advanced computing. More precisely, the book covers: Why python is the most preferred programming language for advanced computing stuff like data analysis, big data, deep learning, machine learning, artificial intelligence and more How to handle object-oriented programming and why it is the best kind to handle data analysis. How all the advanced computing concepts like machine learning, deep learning, artificial intelligence and others relate and how python is at the center of it all How to handle different machine learning algorithms by leveraging the power of python to analyze any data you want Powerful tips and tricks that you can use to handle any problems in code, as they come Your Customers will never stop to use this book. Indeed; python is powerful, scalable, easy to use and much more, which are important ingredients for unleashing the full capabilities of advanced computing concepts like machine learning, deep learning, artificial intelligence, data science, data analytics and much more.? Whether you want to learn python for advanced computing to give your business a competitive edge or want to learn python for advanced computing to add a new skill and possibly climb up the corporate ladder, this book has easy to follow steps to help you throughout the process. Buy it NOW If you Want To Make Your Customer Master in Python Programming Don't wait!

If you want to learn how to program but dont know where to start, this is the right book and the right language for you. From the first page, our self-paced approach will help you build competence and confidence in your programming skills. And Python is the best language ever for learning how to program because of its simplicity and breadthtwo features that are hard to find in a single language. But this isnt just a book for beginners! Our self-paced approach also works for experienced programmers, helping you learn Python faster and better than youve ever learned a language before. By the time youre through, you will have mastered the key Python skills that are needed on the job, including those for object-oriented, database, and GUI programming. To make all of this possible, section 1 presents an 8-chapter course that will get anyone off to a great start with Python. Section 2 builds on that base by presenting the other essential skills that every Python programmer should have. Section 3 shows you how to develop object-oriented programs, a critical skillset in todays world. And section 4 shows you how to apply all of the skills that youve already learned as you build database and GUI programs for the real world.

Advance Core Python Programming

Python Programming Crash Course for the Absolute Beginners with Hands on Project

Master Python by learning the best coding practices and advanced programming concepts, 4th Edition

The Ultimate Beginner's Guide to Learn Programming in Python for Data Science with Pandas and NumPy, Master Statistical Analysis, and Visualization

Python Crash Course

Master Python Programming with a Complete Guide to Go From Beginner to Expert by Building Games

Python Programming For Beginners

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.

Learn Python Programming Fast, Easily And In A Fun Way, Starting From The Basics And Become An Expert In No Time! If You Are New To Python Programming And Want To Start From A Solid Foundation, This Book Is For You!'Python Programming: A Complete Guide For Beginners To Master And Become An Expert In Python Programming Language' is a complete guide, covering all the basic concepts in depth, and takes you to an advanced level with simple to understand, follow and learn examples and explanations. Learn Python The Easy And Smart Way A Preview Of What You Will Learn: The Importance and Various Features of Python Introduction to keywords and identifiers Python Statements, Indentations and Comments How to Install and Run Python in Mac OS. Linux and Microsoft Concept of Variables and Different Data Types Input, Out and Import Operations Using Loop Statements in Python Python Functions Study of Objects and Classes Inheritance in Python File Handling Operations Study of Modulea, Tuples, Lists and Dictionary And Much, Much More!!! Python is the most easiest and powerful programming language to master as it is designed keeping simplicity in mind and can be used to develop almost all kinds of apps and software programs. This makes Python Programming very interactive and popular among computer programmers.So What Are You Waiting For? Get Your Copy Today

Master the world of Python and Machine Learning with this incredible 4-in-1 bundle. Are you interested in becoming a Python pro?Do you want to learn more about the incredible world of machine learning, and what it can do for you? Then keep reading. Created with the beginner in mind, this powerful bundle delves into the fundamentals behind Python and Machine Learning, from basic code and mathematical formulas to complex neural networks and ensemble modeling. Inside, you'll discover everything you need to know to get started with Python and Machine Learning, and begin your journey to success! In book one - MACHINE LEARNING FOR BEGINNERS, you'll learn: What is Artificial Intelligence Really, and Why is it So Powerful? Choosing the Right Kind of Machine Learning Model for You An Introduction to Statistics Reinforcement Learning and Ensemble Modeling "Random Forests" and Decision Trees In book two - MACHINE LEARNING MATHEMATICS, you will: Learn the Fundamental Concepts of Machine Learning Algorithms Understand The Four Fundamental Types of Machine Learning Algorithm Master the Concept of "Statistical Learning" Learn Everything You Need to Know about Neural Networks and Data Pipelines Master the Concept of "General Setting of Learning" In book three - LEARNING PYTHON, you'll discover: How to Install, Run, and Understand Python on Any Operating System A Comprehensive Introduction to Python Python Basics and Writing Code Writing Loops, Conditional Statements, Exceptions and More Python Expressions and The Beauty of Inheritances And in book four - PYTHON MACHINE LEARNING, you will: Learn the Fundamentals of Machine Learning Master the Nuances of 12 of the Most Popular and Widely-Used Machine Learning Algorithms Become Familiar with Data Science Technology Dive Into the Functioning of Scikit-Learn Library and Develop Machine Learning Models Uncover the Secrets of the Most Critical Aspect of Developing a Machine Learning Model - Data Pre-Processing and Training/Testing Subsets Whether you're a complete beginner or a programmer looking to improve your skillset, this bundle is your all-in-one solution to mastering the world of Python and Machine Learning. So don't wait - it's never been easier to learn. Buy Now to Become a Master of Python and Machine Learning Today!

Do you want to learn good coding techniques quickly and easily?Are you looking for a dynamic programming language that will do everything you need?This book provides all the information in one handy place!Since it was first conceived and released in the early 1990's, Python has become a favourite computer programming language that has been used by millions. It was designed to be simple to use and easy for beginners who were looking to get started with their own computer programming journeys and has maintained this philosophy to the present day.Now, with the help of this book, Python Programming, you could be programming like a pro in no time and enjoying all the benefits that could bring to your business or personal life, with advantages that include: - Extensive support libraries- Open source and community development- An easy to learn language- Support for new users- User friendly data structures- Improved productivity- Speed of working that is second to none- And more...Even if you've never looked at a computer program before and had always thought that learning a computer language would be too difficult, this book can help.With it's easy to understand and simple language, you could soon be wondering why you never thought about trying computer programming before.Get a copy of Python Programming today and start your new adventure now!

The New Comprehensive Guide to Master Applied Artificial Intelligence in Physics. Learn Machine Learning and Computer Programming with a Complete Crash Course

The Ultimate Step-by-Step Guide to Python Programming. Discover How to Master Big Data Analysis and Understand Machine Learning

A Step-By-Step Guide to Master the Basics of Data Science and Analysis in Python Using Pandas, Numpy And Ipython