Python The Ultimate Quickstart Guide Intermediate Course Guide Design Patterns Hands On Projects Machine Learning Learn Coding Fast Learning Code Database

"Whether you're a newcomer to options trading or a grizzled veteran looking for a fresh take on basic strategy, you'll enjoy the plain-spoken style and colorful scenarios illustrated in this book. In addition to providing a solid beginner's course in options trading, Options Trading QuickStart Guide walks you through a multitude of strategic trading decisions, showing you how a trader thinks and how he arrives at critical decisions. This book wasn't written for someone who wants to stay on the sidelines, but for the ambitious trader looking to become a formidable, sharp, and cunning options trader"--Page 4 of cover.

Access real-world documentation and examples for the Spark platform for building large-scale, enterprise-grade machine learning applications. The past decade has seen an astonishing series of advances in machine learning. These breakthroughs are disrupting our everyday life and making an impact across every industry. Next-Generation Machine Learning with Spark provides a gentle introduction to Spark and Spark MLlib and advances to more powerful, third-party machine learning algorithms and libraries beyond what is available in the standard Spark MLlib library. By the end of this book, you will be able to apply your knowledge to real-world use cases through dozens of practical examples and insightful explanations. What You Will Learn Be introduced to machine learning, Spark, and Spark MLlib 2.4.x Achieve lightning-fast gradient boosting on Spark with the XGBoost4J-Spark and LightGBM libraries Detect anomalies with the Isolation Forest algorithm for Spark Use the Spark NLP and Stanford CoreNLP libraries that support multiple languages Optimize your ML workload with the Alluxio in-memory data accelerator for Spark Use GraphX and GraphFrames for Graph Analysis Perform image recognition using convolutional neural networks Utilize the Keras framework and distributed deep learning libraries with Spark Who This Book Is For Data scientists and machine learning engineers who want to take their knowledge to the next level and use Spark and more powerful, next-generation algorithms and libraries beyond what is available in the standard Spark MLlib library; also serves as a primer for aspiring data scientists and engineers who need an introduction to machine learning, Spark, and Spark MLlib.

If You Want To Learn Python Programming In As Little As 5 Days - And Have Fun Doing It, Read On... How many times have you thought about learning how to code but got discouraged because you had no technical background, didn't have the time to learn, or you just didn't think you were smart enough to have a crack at it? Well, we have good news for you. You Don't Need An Expensive Computer Science Degree, A 500 Page Textbook or A Genius Mind To Learn The Basics Of Python Programming! 5 times #1 Amazon bestselling author, James Tudor, provides a concise, step-by-step guide to Python programming for beginners. A lot of examples, illustrations, end of chapter summary and practice exercises (with solutions) are provided to help the reader learn faster, remember longer and develop a thorough understanding of key concepts. In This Book, you'll discover: A concise. Simple. Newby friendly style of teaching that lends itself well to beginners Chapters that have been sliced into bite-size chunks to give you the information you need (at that point in time) so you're not overwhelmed. Lots of simple, step-by-step examples and illustrations are used to emphasis key concepts and help improve your understanding Each practice exercise builds on concepts discussed in previous chapters so your learning is reinforced as you progress.

Topics are carefully selected to give you a broad exposure to Python, while not overwhelming you with too much (potentially unnecessary) information. An end of chapter summary is presented to give you key takeaways that help you solidify your understanding A detailed step-by-step answer section that summarizes all the solution to the practice exercises presented in this book. ??NOTE?? Because this book is enrolled in Kindle Matchbook, Amazon will make the kindle edition of this book available to you for FREE when you purchase the paperback version today (Offer is only available to Amazon USA Customers) You no longer have to waste your time and money trying to learn Python from expensive online courses, college degrees or unnecessarily long textbooks that leave you thousands of dollars in debt, more confused and frustrated. If you're ready to learn the basics of python programming 5 days from TODAY, grab a copy of this book today! Scroll to the top of the page and click the "BUY NOW" button!

"THE BEST PYTHON BOOK FOR BEGINNERS IN 2021 - HANDS DOWN!" Be a pro with a step-by-step guide to learning Python programming and get real results. Python is a high-level, open-source programming language designed for use with a wide variety of operating systems. Due to its dynamic and diversified nature, it is regarded as the most robust programming language. With simple syntax, Python is easy-to-use and people who learn it for the first time find it very easy to catch the concepts. Having used pioneering websites such as YouTube, DropBox, Python is in high market demand. Get a copy of this book if you'd like to take full advantage of Python. Python Quickstart Guide, the book is combined with comprehensive traditional supplements and Jupyter Notebooks supplements, including the most recent coverage of subjects and applications. Real-world datasets and artificial intelligence technologies enable students to work on projects making a difference in an enterprise, government, industry and academia on projects that make a difference. This book (Python QuickStart Guide) is intended for practitioners, beginners, and hobbyists who want to learn and apply Python to solve difficult real-world issues. It will help if you already know common programming topics, such as variables, if-else statements, and functions, although this is a beginner's book. It is advantageous to have experience with another object-oriented application, but not mandatory. Key Features *What is Computer Programming *Types of Programming Languages *Choosing a Programming Language to Learn *Reasons Why You Need to Use Python *Step-by-Step Guide to Learn Python *What is Python programming language? *How to Install Python on Windows * Wh?t I? Data? *Python Data Type *Namespaces And Scope In Python *Structuring Python Programs *Introduction To Math Functions In Python *Control Flow Tools *Python Ex???ti?n? *B?ginn?r Ti?? F?r Learning Python Pr?gr?mming *And many more. Grab your copy now!!

Get a comprehensive, in-depth introduction to the core Python language with this hands-on book. Based on author Mark Lutz’s popular training course, this updated fifth edition will help you quickly write efficient, high-quality code with Python. It’s an ideal way to begin, whether you’re new to programming or a professional developer versed in other languages. Complete with quizzes, exercises, and helpful illustrations, this easy-to-follow, self-paced tutorial gets you started with both Python 2.7 and 3.3— the latest releases in the 3.X and 2.X lines—plus all other releases in common use today. You’ll also learn some advanced language features that recently have become more common in Python code. Explore Python’s major built-in object types such as numbers, lists, and dictionaries Create and process objects with Python statements, and learn Python’s general syntax model Use functions to avoid code redundancy and package code for reuse Organize statements, functions, and other tools into larger components with modules Dive into classes: Python’s object-oriented programming tool for structuring code Write large programs with Python’s exception-handling model and development tools Learn advanced Python tools, including decorators, descriptors, metaclasses, and Unicode processing

Build machine and deep learning systems with the newly released TensorFlow 2 and Keras for the lab, production, and mobile devices Key

Features Introduces and then uses TensorFlow 2 and Keras right from the start Teaches key machine and deep learning techniques Understand the fundamentals of deep learning and machine learning through clear explanations and extensive code samples Book Description Deep Learning with TensorFlow 2 and Keras, Second Edition teaches neural networks and deep learning techniques alongside TensorFlow (TF) and Keras. You'll learn how to write deep learning applications in the most powerful, popular, and scalable machine learning stack available. TensorFlow is the machine learning library of choice for professional applications, while Keras offers a simple and powerful Python API for accessing TensorFlow. TensorFlow 2 provides full Keras integration, making advanced machine learning easier and more convenient than ever before. This book also introduces neural networks with TensorFlow, runs through the main applications (regression, ConvNets (CNNs), GANs, RNNs, NLP), covers two working example apps, and then dives into TF in production, TF mobile, and using TensorFlow with AutoML. What you will learn Build machine learning and deep learning systems with TensorFlow 2 and the Keras API Use Regression analysis, the most popular approach to machine learning Understand ConvNets (convolutional neural networks) and how they are essential for deep learning systems such as image classifiers Use GANs (generative adversarial networks) to create new data that fits with existing patterns Discover RNNs (recurrent neural networks) that can process sequences of input intelligently, using one part of a sequence to correctly interpret another Apply deep learning to natural human language and interpret natural language texts to produce an appropriate response Train your models on the cloud and put TF to work in real environments Explore how Google tools can automate simple ML workflows without the need for complex modeling Who this book is for This book is for Python developers and data scientists who want to build machine learning and deep learning systems with TensorFlow. Whether or not you have done machine learning before, this book gives you the theory and practice required to use Keras, TensorFlow 2, and AutoML to build machine learning systems.

Create, build and deploy universal JavaScript applications using Next.js Key Features Work with the entire tool-chain for developing universal Javascript applications with Next.js A straightforward guide to implementing server-side rendering Use Next.js to build SEO-friendly and super fast websites Book Description Next.js is a powerful addition to the ever-growing and dynamic JavaScript world. Built on top of React, Webpack, and Babel, it is a minimalistic framework for server-rendered universal JavaScript applications. This book will show you the best practices for building sites using Next. js, enabling you to build SEO-friendly and superfast websites. This book will guide you from building a simple single page app to a scalable and reliable client-server infrastructure. You will explore code sharing between client and server, universal modules, and server-side rendering. The book will take you through the core Next.js concepts that everyone is talking about – hot reloading, code splitting, routing, server rendering, transpilation, CSS isolation, and more. You will learn ways of implementing them in order to create your own universal JavaScript application. You will walk through the building and deployment stages of your applications with the JSON API,customizing the confguration, error handling,data fetching, deploying to production, and authentication. What you will learn Explore the benefts of server-side rendering with Next.js Create and link JavaScript modules together by understanding code splitting and bundling Create website pages and wire them together through website navigation Extend your application with additional Webpack loaders and features, as well as custom Babel plugins and presets Use GraphQL and Apollo frameworks with Next.js to fetch data and receive push notifcations Design and implement core modules, such as logging and authentication, and then more complex solutions for access control and business rule management Write tests and use online CI tools such as Travis, GitLab, and more Build a Docker-based container for your app and deploy it to online services such as Heroku and Now.sh Who this book is for This book is for JavaScript developers who want to learn how to generate server-rendered applications.

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!SQL, or Structured Query Language, is an essential tool for developers who are coding in any computer language and it is perfect for programming and managing data.As a beginner, you probably want something that is easy to use and SQL could be the answer. Inside the audio of SQL: The Ultimate Beginner's Guide to Learn SQL Programming Step by Step, you'll find a comprehensive guide to get you started, including chapters on: - Understanding databases & database management systems- Using queries to obtain data - SQL joins and union- Ensuring data integrity- Creating an SQL view - How to setup & create a database- How to modify and control tables- Database administration - Dealing with errors- 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, as it has been written with the novice in mind.SQL is one of the best language for ease of use and flexibility. And you could soon be writing your own programs quickly and efficiently.Get a copy of Python Programming today and start your new adventure now!

-- 55% OFF For Bookstores! -- Are you looking for the PERFECT introduction into the world of coding? Want to uncover the secrets of Python, SQL, C++ and so much more? Are you looking for the ultimate guide to getting started with programming? Then this bundle is for you. Written with the beginner in mind, this incredible 7-in-1 book bundle brings you everything you need to know about programming. Packed with a ton of advice and step-by-step instructions on all the most popular and useful languages, you'll explore how even a complete beginner can get started with ease! Covering data science, Arduino, and even Raspberry pi, you'll learn the fundamentals of object-oriented programming, operators, variables, loops, classes, arrays, strings and so much more! Here's just a little of what you'll discover inside: Uncovering The Secrets of C++, C#, Python, SQL and More Breaking Down The Fundamentals of Data Science Understanding The Different Classes, Operations, and Data Types Fundamental Programming Skills That YOU Need To Know Tips and Tricks For Getting The Most out of Each Language The Best Strategies For Using Arduino and Raspberry Pi Common Errors and How To Troubleshoot Them And Much More! No matter your level of programming experience, this bundle uses step-by-step instructions and easy-to-follow advice so you can get the most out of programming. Explore these amazing languages, master the fundamentals of programming, and unleash your programming potential today! Buy it now and let your customers start their journey in programming!

Learn how to quickly generate business intelligence, insights and create interactive dashboards for digital storytelling through various data sources with Redash Key Features Learn the best use of visualizations to build powerful interactive dashboards Create and share visualizations and data in your organization Work with different complexities of data from different data sources Book Description Data exploration and visualization is vital to Business Intelligence, the backbone of almost every enterprise or organization. Redash is a querying and visualization tool developed to simplify how marketing and business development departments are exposed to data. If you want to learn to create interactive dashboards with Redash, explore different visualizations, and share the insights with your peers, then this is the ideal book for you. The book starts with essential Business Intelligence concepts that are at the heart of data visualizations. You will learn how to find your way round Redash and its rich array of data visualization options for building interactive dashboards. You will learn how to create data storytelling and share

these with peers. You will see how to connect to different data sources to process complex data, and then visualize this data to reveal valuable insights. By the end of this book, you will be confident with the Redash dashboarding tool to provide insight and communicate data storytelling. What you will learn Install Redash and troubleshoot installation errors Manage user roles and permissions Fetch data from various data sources Visualize and present data with Redash Create active alerts based on your data Understand Redash administration and customization Export, share and recount stories with Redash visualizations Interact programmatically with Redash through the Redash API Who this book is for This book is intended for Data Analysts, BI professionals and Data Developers, but can be useful to anyone who has a basic knowledge of SQL and a creative mind. Familiarity with basic BI concepts will be helpful, but no knowledge of Redash is required.

A guide to the Python computer language covers such topics as strings and variables, functions, data structures, exception handling, and object-oriented programming.

Python Essential Reference is the definitive reference guide to the Python programming language — the one authoritative handbook that reliably untangles and explains both the core Python language and the most essential parts of the Python library. Designed for the professional programmer, the book is concise, to the point, and highly accessible. It also includes detailed information on the Python library and many advanced subjects that is not available in either the official Python documentation or any other single reference source. Thoroughly updated to reflect the significant new programming language features and library modules that have been introduced in Python 2.6 and Python 3, the fourth edition of Python Essential Reference is the definitive guide for programmers who need to modernize existing Python code or who are planning an eventual migration to Python 3. Programmers starting a new Python project will find detailed coverage of contemporary Python programming idioms. This fourth edition of Python Essential Reference features numerous improvements, additions, and updates: Coverage of new language features, libraries, and modules Practical coverage of Python's more advanced features including generators, coroutines, closures, metaclasses, and decorators Expanded coverage of library modules related to concurrent programming including threads, subprocesses, and the new multiprocessing module Up-to-the-minute coverage of how to use Python 2.6’s forward compatibility mode to evaluate code for Python 3 compatibility Improved organization for even faster answers and better usability Updates to reflect modern Python programming style and idioms Updated and improved example code Deep coverage of low-level system and networking library modules — including options not covered in the standard documentation

There are many more people who want to study programming other than aspiring computer scientists with a passing grade in advanced calculus. This guide appeals to your intelligence and ability to solve practical problems, while gently teaching the most recent revision of the programming language Python. You can learn solid software design skills and accomplish practical programming tasks, like extending applications and automating everyday processes, even if you have no programming experience at all. Authors Tim Hall and J–P Stacey use everyday language to decode programming jargon and teach Python 3 to the absolute beginner.

Visual QuickStart Guides, designed in an attractive tutorial and reference format, are the quickest, easiest, and most thorough way to learn applications, tasks, and technologies. The Visual QuickStart Guides are the smart choice—they guide the learner with a friendly and supportive approach. The visual presentation (with copious screenshots) and focused discussions by topic and tasks make learning a breeze and take you to exactly what you want to learn. The iPad, with its spacious screen and powerful collection of apps, is the perfect device for creating content. You can build powerful presentations, design beautiful layouts, and create dynamic charts and tables. In this book, readers will get clear and to-the-point instruction on how to build charts and tables and get the most out of the Numbers spreadsheet for the iPad. Install the Numbers app. Use the mutitouch interface to enter and work with data. Create tables and charts. Apply templates and add graphics to your work. Share your work with others. Work with data created with other spreadsheets.

The book Lifehack calls "The Bible of business and personal productivity." "A completely revised and updated edition of the blockbuster bestseller from 'the personal productivity guru'"—Fast Company Since it was first published almost fifteen years ago, David Allen’s Getting Things Done has become one of the most influential business books of its era, and the ultimate book on personal organization. “GTD” is now shorthand for an entire way of approaching professional and personal tasks, and has spawned an entire culture of websites, organizational tools, seminars, and offshoots. Allen has rewritten the book from start to finish, tweaking his classic text with important perspectives on the new workplace, and adding material that will make the book fresh and relevant for years to come. This new edition of Getting Things Done will be welcomed not only by its hundreds of thousands of existing fans but also by a whole new generation eager to adopt its proven principles.

If you want a basic understanding of computer vision’s underlying theory and algorithms, this hands-on introduction is the ideal place to start. You’ll learn techniques for object recognition, 3D reconstruction, stereo imaging, augmented reality, and other computer vision applications as you follow clear examples written in Python. Programming Computer Vision with Python explains computer vision in broad terms that won’t bog you down in theory. You get complete code samples with explanations on how to reproduce and build upon each example, along with exercises to help you apply what you’ve learned. This book is ideal for students, researchers, and enthusiasts with basic programming and standard mathematical skills. Learn techniques used in robot navigation, medical image analysis, and other computer vision applications Work with image mappings and transforms, such as texture warping and panorama creation Compute 3D reconstructions from several images of the same scene Organize images based on similarity or content, using clustering methods Build efficient image retrieval techniques to search for images based on visual content Use algorithms to classify image content and recognize objects Access the popular OpenCV library through a Python interface

Escape the rat race now! Would you like to learn the Python Programming Language and machine learning in 7 days? Do you want to increase your trading thanks to Python and applied AI? If so, keep reading: this bundle book is for you! Today, thanks to computer programming and Python we can work with sophisticated machines that can study human behavior and identify underlying human behavioral

patterns. Scientists can predict effectively what products and services consumers are interested in. You can also create various quantitative and algorithmic trading strategies using Python. Technology has become an asset in finance: financial institutions are now evolving to technology companies rather than only staying occupied with just the financial aspects. is getting increasingly challenging for traditional businesses to retain their customers without adopting one or more of the astonishing and cutting-edge technology explained in this book. LEARN MACHINE LEARNING FOR FINANCE will introduce you many selected tips and breaking down the basics of coding applied to finance. You will discover as a beginner the world of data science, machine learning and artificial intelligence with step-by-step guides that will guide you during the code-writing learning process. The following list is just a tiny fraction of what you will learn in this bundle STOCK MARKET INVESTING FOR BEGINNERS ? Options Trading Strategies that guarantee real results in all market conditions ? Top 7 endorsed indicators of a successful investment ? The Bull & Bear Game ? Learn about the 3 best charts patterns to fluctuations of stock prices OPTIONS TRADING FOR BEGINNERS ?How Swing trading differs from Day trading in terms of risk-aversion ?How your money should be invested and which trade is more profitable ?Swing and Day trading proven indicators to learn investment timing ?The secret DAY trading strategies leading to a gain of $ 9,000 per month and more than $100,000 per year. PYTHON CRASH COURSE ?A Proven Method to Write your First Program in 7 Days ?3 Common Mistakes to Avoid when You Start Coding ?Importing Financial Data Into Python ?7 Most effective Machine Learning Algorithms ? Build machine learning models for trading Even if you have never written a programming code before, you will quickly grasp the basics thanks to visual charts and guidelines for coding. Approached properly artificial intelligence, can provide significant benefits for the firm, its customers and wider society. Today is the best day to start programming like a pro and help your trading online! For those trading with leverage, looking for step-by-step process to take a controlled approach and manage risk, this bundle book is the answer If you really wish to LEARN MACHINE LEARNING FOR FINANCE and master its language, please click the BUY NOW button.

THE ULTIMATE BEGINNER'S GUIDE TO INVESTING! The ONLY investing book that is written by a CFP® practitioner with 30+ years of investment experience helping others to invest wisely to achieve all of their financial goals in life. ->Do you want to learn how to create real wealth in the stock market? Then you NEED this book. Buy now and start reading today! ->Do you want to learn how to create passive income and retire early? Then you NEED this book. Buy now and start reading today! ->Do you want to learn how to day trade stocks and avoid costly mistakes that beginners make? Then you NEED this book. Buy now and start reading today! ->Do you want to learn how to create financial freedom and live the life you deserve?? Then you NEED this book. Buy now and start reading today! Best-selling author Ted D. Snow, CFP®, MBA has a knack for making complex ideas clear while endowing his readers with a wealth of powerful new knowledge. Whether you are a newcomer to investing or a veteran looking for a fresh perspective, you will enjoy the unique and practical vision for investing success offered in the Investing QuickStart Guide. Bringing the wisdom of 30+ years in the finance industry to bear--much to the benefit of novice learners and experienced investors alike. Snow’s intrepid but practical asset-allocation investment philosophy is masterfully communicated and highly appropriate for market newcomers. The key insights of Warren Buffet, Peter Lynch, Burton Malkiel, and James Altucher all play important roles in this seminal investment resource. But unlike most of today’s books on investing, the Investing QuickStart Guide is as simple as it is comprehensive. Investing QuickStart Guide is Perfect For: Companion to The Intelligent Investor! Stock Market Education for Teen & Kids! Beginners with Zero Prior Experience! Experienced Investors who Want to Go to the Next Level! Discover the Secrets of Successfully Investing In: Stocks! (Including Dividend Paying Stocks!) Mutual Funds! ETFS! Bonds! Index Funds! REITS! Commodities! Investing QuickStart Guide Covers: Everything You Need to Know Before You Make Your First Trade! How To Take

Advantage Of Opportunities In The Market Without Relying On Guesswork! How to Evaluate and Compare Stocks and Other Securities! How Disciplined Approaches to Investing Can Lead to Early Retirement and Financial Freedom! How National And Global Economic And Geopolitical Factors Can Influence Investment Prospects! This book has been reviewed by The Financial Industry Regulatory Authority (FINRA). *LIFETIME ACCESS TO FREE INVESTING DIGITAL ASSETS*: Investing QuickStart Guide comes with free lifetime access to a library of exclusive tools and videos designed to help you get started quickly and become a better trader faster, including: - Stock Selection Tool - Portfolio Tracker Workbook - Goal Setting Workbook And Many More! *GIVING BACK*: ClydeBank Media proudly supports One Tree Planted as a reforestation partner.

If you want to learn Python in one week (or less) and learn it well, with useful applications to Data Analysis, Machine Learning and Data Science, then keep reading. Python is one of the most beloved programming languages in any circle of programmers. Software engineers, hackers, and Data Scientists alike are in love with the versatility that Python has to offer. Besides, the Object-Oriented feature of Python coupled with its flexibility is also one of the major attractions for this language. That's the reason why Python is a perfect fit with Data Analysis, Machine Learning and Data Science. Data is the future. The world of technology as we know it is evolving towards an open-source platform where people share ideas freely. This is seen as the first step towards the decentralization of ideas and eliminating unnecessary monopolies. Therefore, the data, tools, and techniques used in the analysis are easily available for anyone to interpret data sets and get relevant explanations. The goal of this 4-in-1 bundle is simple: explaining everything you need to know to Master Python. With a special emphasis on the main steps that are needed to correctly implement Data Analysis and Machine Learning algorithms, In manuscript one, Python for Beginners, you will learn: How to install Python What are the different Python Data Types and Variables Basic Operators of Python Language Data Structures and Functions Conditional and Loops in Python And Much More! In manuscript two, Python Advanced Guide, you will master: Object-Oriented Programming (OOP), Inheritance and Polymorphism Essential Programming Tools Exception Handling Working with Files And Much More! In manuscript three, Python for Data Analysis, you will learn: What Data Analysis is all about and why businesses are investing in this sector The 5 steps of a Data Analysis The 7 Python libraries that make Python one of the best choices for Data Analysis Pandas, Jupyter and PyTorch And Much More! In manuscript four, Applications to Data Science, you will understand: How Data Visualization and Matplotlib can help you to understand the data you are working with. Neural Networks Decision Trees What industries are using data to improve their business with 14 real-world applications And So Much More! Where most books about Python programming are theoretical and have few or little practical examples, this book provides lots of simple, step-by-step examples and illustrations that are used to underline key concepts and help improve your understanding. Furthermore, topics are carefully selected to give you broad exposure to Python, while not overwhelming you with too much information. Also, the outputs of ALL the examples are provided immediately so you do not have to wait till you have access to your computer to test the examples. Even if you have never coded before, this is the perfect guide because it breaks down complex concepts into simple steps and in a concise and simple way that fits well with beginners. Regardless of your previous experience, you will learn the steps of Data Analysis, how to implement them, and the most important real-world applications. Would you like to know more?Scroll Up and Click the BUY NOW Button to Get Your Copy!

Ever wanted to work from home? ..or better yet, a beach in Hawaii? This book will help you take your first step! Learning to program can open an unlimited number of doors, especially in the coming years. Everything we do in life is increasingly done with the assistance of computers and programming. This drives the demand for people with programming skills. The best thing about it is you only need your laptop and you're

set! Who should buy this book? Beginners It is very common to be intimidated by the idea of learning a programming language such as Python. That's where this book comes in, you will learn how to start thinking like a programer! This book lays out the basics, and you don't have to worry about becoming confused and spending hours searching the internet for clarification.People with Limited Time This book gets straight to the the point, telling you what you need to know in a clear and concise manner. No need to waste your time reading irrelevant information to your Python learning quest!Those That Want to Start Thinking Like A Programer This book shows you how programmers quickly flesh out their coding solution to a problem before ever doing any actual coding. Anyone Looking to Escape the Rat Race This book can help you begin your programming journey in a fast a efficient manner, allowing you to escape your 9-5 job! Programming is one of the few skills you can do thousands of miles away from the office, meaning you can work part-time earning american dollars whilst living like a king by leveraging the exchange rate! Here is a sneak-peak at some of the things you'll understand: Why Learn Python? Getting Started & The Installation Process Operators, Operands and Operations Variables Integers, Strings and Floats Performing Operations on Variables Naming Conventions and Comments Handling Inputs Loops If, Then Statements Nesting Logic Gates Pseudocode Lists, Tuples and Dictionaries Understanding Functions and 'Object Oriented' Programming Modules, Graphics and More Applying your Python Skills on Projects And don't miss the little bonus at the end for you TAKE ACTION TODAY and start your Python Programming journey with us! Quickstart guide for Python Programming Python is an incredibly versatile and powerful programming language, but only if you know how to use it! Need to learn Python fast? Python can be used to create just about any kind of programming project you can imagine. When you understand how to program in Python, you unlock a world of computing power and possibilities. Get the most out of Python simply by following the easy coding examples and projects fully explained inside this guide. It doesn't matter if you have never programmed anything before. This step-by-step guide gives you everything you need to know to do more with Python than you ever thought possible! Fully up to date for 2018 Python has been around for a long time, but has evolved over the years. Save yourself the headache and frustration of trying to use a guide that just isn't up to date anymore! Brand new and fully up to date, this guide shows you exactly what you need to do to start programming in Python today!Here is a preview of what you will learn in this guide: What is Python and why should I use it to program? Object-Oriented Programming Python as a Connecting Language Python Cross-Compatibility Python and the Coding Community How do I install Python? Installing Python on the Windows and on other Platforms What is IDLE? IDLE Interactive Mode IDLE Script Mode Data Types and Variables in Python Converting Data Types Creating and assigning variables Variables modified by code Variables modified by user input Conditional statements Comparison Operators Loops While Loops without Comparison Operators Compound conditions and Logical Operators Using the Break and Continue functions in While Loops Constructing a For Loop Indexing for loops Creating a class Defining Methods Creating an Object Instance Invoking Methods Using a Constructor Method Receiving File Input and Creating Output to Files How to Open and Close an External File Reading Characters from an External File Reading characters from a single line Writing characters to an External File Exceptions Packages and Libraries And so much more! If you aren't a tech-savvy person or have no programming experience, have no fear! With this guide in your hands that will not be a barrier for you any longer. Learn Python programing quickly and easily when you grab this guide now!

PHP is experiencing a renaissance, though it may be difficult to tell with all of the outdated PHP tutorials online. With this practical guide, you'll learn how PHP has become a full-featured, mature language with object-orientation, namespaces, and a growing collection of reusable component libraries. Author Josh Lockhart—creator of PHP The Right Way, a popular initiative to encourage PHP best practices—reveals

these new language features in action. You'll learn best practices for application architecture and planning, databases, security, testing, debugging, and deployment. If you have a basic understanding of PHP and want to bolster your skills, this is your book. Learn modern PHP features, such as namespaces, traits, generators, and closures Discover how to find, use, and create PHP components Follow best practices for application security, working with databases, errors and exceptions, and more Learn tools and techniques for deploying, tuning, testing, and profiling your PHP applications Explore Facebook's HVVM and Hack language implementations—and how they affect modern PHP Build a local development environment that closely matches your production server

TensorFlow is one of the most popular machine learning frameworks in Python. With this book, you will improve your knowledge of some of the latest TensorFlow features and will be able to perform supervised and unsupervised machine learning and also train neural networks.

SQL: The Ultimate Beginners Guide - Learn SQL Today Learning the SQL language can be laborious and tedious, but if you have genuine interest in learning a new language and updating your skills, it could be relatively easy. In this book, all the basic information that you need to learn as a beginner are presented. All you have to do is to apply them. This book will serve as an essential guide for you, as a SQL beginner. In addition, the concepts of SQL are laid out in a simple, concise language and instructions to help you learn the steps properly. Specific examples and sample tables is showcased to help you practice most of the SQL queries.

The book serves as a first introduction to computer programming of scientific applications, using the high-level Python language. The exposition is example and problem-oriented, where the applications are taken from mathematics, numerical calculus, statistics, physics, biology and finance. The book teaches "Matlab-style" and procedural programming as well as object-oriented programming. High school mathematics is a required background and it is advantageous to study classical and numerical one-variable calculus in parallel with reading this book. Besides learning how to program computers, the reader will also learn how to solve mathematical problems, arising in various branches of science and engineering, with the aid of numerical methods and programming. By blending programming, mathematics and scientific applications, the book lays a solid foundation for practicing computational science. From the reviews: Langtangen ... does an excellent job of introducing programming as a set of skills in problem solving. He guides the reader into thinking properly about producing program logic and data structures for modeling real-world problems using objects and functions and embracing the object-oriented paradigm. ... Summing Up: Highly recommended. F. H. Wild III, Choice, Vol. 47 (8), April 2010 Those of us who have learned scientific programming in Python 'on the streets' could be a little jealous of students who have the opportunity to take a course out of Langtangen's Primer." John D. Cook, The Mathematical Association of America, September 2011 This book goes through Python in particular, and programming in general, via tasks that scientists will likely perform. It contains valuable information for students new to scientific computing and would be the perfect bridge between an introduction to programming and an advanced course on numerical methods or computational science. Alex Small, IEEE, CiSE Vol. 14 (2), March /April 2012 "This fourth edition is a wonderful, inclusive textbook that covers pretty much everything one needs to know to go from zero to fairly sophisticated scientific programming in Python..." Joan Horvath, Computing Reviews, March 2015

Every enterprise application creates data, whether it's log messages, metrics, user activity, outgoing messages, or something else. And how to move all of this data becomes nearly as important as the data itself. If you're an application architect, developer, or production engineer new to Apache Kafka, this practical guide shows you how to use this open source streaming platform to handle real-time data feeds. Engineers from Confluent and LinkedIn who are responsible for developing Kafka explain how to deploy production Kafka clusters, write reliable event-driven microservices, and build scalable stream-processing applications with this platform. Through detailed examples, you'll

learn Kafka's design principles, reliability guarantees, key APIs, and architecture details, including the replication protocol, the controller, and the storage layer. Understand publish-subscribe messaging and how it fits in the big data ecosystem. Explore Kafka producers and consumers for writing and reading messages Understand Kafka patterns and use-case requirements to ensure reliable data delivery Get best practices for building data pipelines and applications with Kafka Manage Kafka in production, and learn to perform monitoring, tuning, and maintenance tasks Learn the most critical metrics among Kafka's operational measurements Explore how Kafka's stream delivery capabilities make it a perfect source for stream processing systems

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. The first ebook in the series, Microsoft Azure Essentials: Fundamentals of Azure, introduces developers and IT professionals to the wide range of capabilities in Azure. The authors - both Microsoft MVPs in Azure - present both conceptual and how-to content for key areas, including: Azure Websites and Azure Cloud Services Azure Virtual Machines Azure Storage Azure Virtual Networks Databases Azure Active Directory Management tools Business scenarios Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the "Microsoft Azure Essentials" series.

Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, Learning SQL, Second Edition, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints, using SQL schema statements Learn how data sets interact with queries, and understand the importance of subqueries Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements Knowledge of SQL is a must for interacting with data. With Learning SQL, you'll quickly learn how to put the power and flexibility of this language to work.

If you're among the Python developers put off by asyncio's complexity, it's time to take another look. Asyncio is complicated because it aims to solve problems in concurrent network programming for both framework and end-user developers. The features you need to consider are a small subset of the whole asyncio API, but picking out the right features is the tricky part. That's where this practical book comes in. Veteran Python developer Caleb Hattingh helps you gain a basic understanding of asyncio's building blocks—enough to get started writing simple event-based programs. You'll learn why asyncio offers a safer alternative to preemptive multitasking (threading) and how this API provides a simpleway to support thousands of simultaneous socket connections. Get a critical comparison of asyncio and threading for concurrent network programming Take an asyncio walk-through, including a quickstart guidefor hitting the ground looping with event-based programming Learn the difference between asyncio features for end-user developers and those for framework developers Understand asyncio's new async/await language syntax, including coroutines and task and future APIs Get detailed case studies (with code) of some popular asyncio-compatible third-party libraries

Programmers run into parsing problems all the time. Whether it's a data format like JSON, a network protocol like SMTP, a server configuration file for Apache, a PostScript/PDF file, or a simple spreadsheet macro language--ANTLR v4 and this book will demystify the process. ANTLR v4 has been rewritten from scratch to make it easier than ever to build parsers and the language applications built on top.

This completely rewritten new edition of the bestselling Definitive ANTLR Reference shows you how to take advantage of these new features. Build your own languages with ANTLR v4, using ANTLR's new advanced parsing technology. In this book, you'll learn how ANTLR automatically builds a data structure representing the input (parse tree) and generates code that can walk the tree (visitor). You can use that combination to implement data readers, language interpreters, and translators. You'll start by learning how to identify grammar patterns in language reference manuals and then slowly start building increasingly complex grammars. Next, you'll build applications based upon those grammars by walking the automatically generated parse trees. Then you'll tackle some nasty language problems by parsing files containing more than one language (such as XML, Java, and Javadoc). You'll also see how to take absolute control over parsing by embedding Java actions into the grammar. You'll learn directly from well-known parsing expert Terence Parr, the ANTLR creator and project lead. You'll master ANTLR grammar construction and learn how to build language tools using the built-in parse tree visitor mechanism. The book teaches using real-world examples and shows you how to use ANTLR to build such things as a data file reader, a JSON to XML translator, an R parser, and a Java class->interface extractor. This book is your ticket to becoming a parsing guru! What You Need: ANTLR 4.0 and above. Java development tools. Ant build system optional(needed for building ANTLR from source)

Python has various database drivers for PostgreSQL. Currently, the psycopg is the most popular PostgreSQL database adapter for the Python language. The psycopg fully implements the Python DB-API 2.0 specification. The current version of the psycopg is 2 or psycopg2. The psycopg2 database adapter implemented in C as a libpq wrapper resulting in both fast and secure. The psycopg2 provides many useful features such as client-side and server-side cursors, asynchronous notification and communication, COPY command support, etc. PostgreSQL was designed to run on UNIX-like platforms. However, PostgreSQL was then also designed to be portable so that it could run on various platforms such as Mac OS X, Solaris, and Windows. PostgreSQL is free and open source software. Its source code is available under PostgreSQL license, a liberal open source license. You are free to use, modify and distribute PostgreSQL in any form. PostgreSQL requires very minimum maintained efforts because of its stability. Therefore, if you develop applications based on PostgreSQL, the total cost of ownership is low in comparison with other database management systems. In Chapter 2, you will learn querying data from the postgresql using Python including establishing a database connection, creating a statement object, executing the query, processing the resultset object, querying data using a statement that returns multiple rows, querying data using a statement that has parameters, inserting data into a table using Python, updating data in postgresql database using Python, calling postgresql stored function using Python, deleting data from a postgresql table using Python, and postgresql Python transaction. In Chapter 3, you will learn managing table structure and views including postgresql data types, postgresql create table, postgresql select into statement, postgresql create table as, using postgresql serial to create auto-increment column, identity column, alter table, drop table, truncate table, check constraint, not-null constraint, foreign key, primary key, unique constraint, managing postgresql views, creating updatable views, materialized views, creating updatable views using the with check option clause, and recursive view. In Chapter 4, you will learn statements, operators, and clauses including select, order by, select distinct, limit, fetch, in, between, postgresql like, is null, alias, joins, inner join, postgresql left join, self-join, full outer join, cross join, natural join, group by, having, intersect operator, except operator, grouping sets, cube, and rollup. In Chapter 5, you will learn postgresql trigger, aggregate, and string functions including creating the first trigger in postgresql, managing postgresql trigger, aggregate functions, avg function, max function, min function, sum function, postgresql concat function, ascii function, trim function, length function, substring function, regexp_matches function, regexp_replace function, replace function, to_number function, and to_char function.

PythonThe Python QuickStart Guide - The Ultimate Guide to Python Programming

A simplified and elegantly crafted book, designed to turn you into an expert in no time! - Don't wait another minute and order your copy today! - Ready yourself to catapult your mind into the beautiful world of Python Programming! Utilizing the updated version Mark Zack's, The Ultimate Python Quick Start Guide - From Beginner to Intermediate (Hands-on Projects, Machine Learning, Learn Coding Fast), you will be able to transcend yourself into: Learning a programming language that is just as versatile as Java or C++, while being much friendlier and accessible to new budding programmers! Familiarizing the different concepts of Python ranging from data modification, operator and mathematical manipulation, functions, method to the more advanced concepts of objects and classes. Knowing the importance of Python in today's corporate world and job market, and knows exactly how and where you will be able to use your newly found skills to shine in your life! Getting to know the most common challenges faced by programmers and tackle them with ease. Don't think about it any longer! Quickly go ahead and visit kindle through your PC, Mac, Tablet or Smartphone and take the first step to your success! After you have learned the language of Python, no more software developing firms or companies will ever show you the door out and you will exponentially increase your value in the job market! Scroll back and get your copy TODAY of The Ultimate Python Quick Start Guide and change the whole course of your destiny!

PYTHON The Ultimate Python One Day Quickstart Guide. Practical Python Programming For Beginners & Experts With Hands-on Project This book contains proven steps and strategies on how to learn Python programming in just a few days. While I don't profess to be able to make you a fully- fledged programmer in that time, my book is aimed at teaching you the basics of Python. Why Python? Why not C+, Swift, Ruby or Java? There are a lot of very good computer programs out there and each has its pitfalls and its good side. Python is the easiest to learn and once you have a good grounding in it, you can move on to another, more complicated language. Python is a beautiful computer language. It is simple, and it is intuitive. It comes complete with plenty of libraries and frameworks to help you manage most everything you want to do. And, to back it up, there is a very powerful Python community just waiting to help you out and point you in the right direction.

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. This third ebook in the series introduces Microsoft Azure Machine Learning, a service that a developer can use to build predictive analytics models (using training datasets from a variety of data sources) and then easily deploy those models for consumption as cloud web services. The ebook presents an overview of modern data science theory and principles, the associated workflow, and then covers some of the more common machine learning algorithms in use today. It builds a variety of predictive analytics models using real world data, evaluates several different machine learning algorithms and modeling strategies, and then deploys the finished models as machine learning web services on Azure within a matter of minutes. The ebook also expands on a working Azure Machine Learning predictive model example to explore the types of client and server applications you can create to consume Azure Machine Learning web services. Watch Microsoft Press’s blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the Microsoft Azure Essentials series.

The Hitchhiker's Guide to Python takes the journeyman Pythonista to true expertise. More than any other language, Python was created with the philosophy of simplicity and parsimony. Now 25 years old, Python has become the primary or secondary language (after SQL) for many business users. With popularity comes diversity—and possibly dilution. This guide, collaboratively written by over a hundred members of the Python community, describes best practices currently used by package and application developers. Unlike other books for this audience, The Hitchhiker's Guide is light on reusable code and heavier on design philosophy, directing the reader to excellent sources that already exist.

If you are a beginner and have no idea what the Computer Programming is all about, then the book Computer Programming for Beginners is what you have been waiting for. This book provides a clear understanding of what the Computer Programming entails, especially providing know-how for beginners. At first glance, the words "computer programming" might worry you, especially when described as an "extremely complex designing and building process." However, fear not, because computer programming can be done by anyone - even beginners. Programming has existed for centuries with programmable devices, perhaps as early as the 9th-century! It was here when a programmable music sequencer was invented. Following that was a programmable drum machine and other forms of musical instruments. It wasn't until the year 1843 when the first Computer Program was invented by Ada Lovelace, a mathematician who created an algorithm for this. The concept of storing data in machine-readable form arose in the 1880s when Herman Hollerith invented it. These were the foundations that led to Computer Programming as we know it today. With so many struggling to grasp the concept, we devised the perfect computer programming guide for beginners to take the first step towards becoming a Computer Programming expert. We are in a technological age, after all, where computers are an essential part of life. Regardless of your experience level, anyone can read and implement this computer programming guide. Whether you are planning on making a career out of it or you just want a new hobby, you can enjoy this series of books, no matter your goals. What You Will Discover & Learn: ? A beginner's approach to learning computer programming ? Javascript & Java - essential programming languages ? Python programming - general-purpose & high-level programming language ? SQL programming - used to communicate with + manipulate databases ? How to accurately program for successful computer tasking ? Easy-to-understand, clear instructions for a seamless user experience ? How to implement what you have learned into developing computer programs/software And much more. Included with your purchase is a collection of 4 books that will help guide you through all of the necessary fundamentals of Computer Programming. No previous skills are required, even if you haven't written one line of code before. This collection was written specifically for those who are just starting, so you can feel comfortable trying out something new and unfamiliar without the need of any pre-qualifications. Scroll up and push the buy now button!

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

maintainable, and well-performing code. Utilizing the concise, scenario-driven style pioneered in Scott Meyers's best-selling Effective C++, Brett Slatkin brings together 53 Python best practices, tips, shortcuts, and realistic code examples from expert programmers. Through realistic examples, Slatkin uncovers little-known Python quirks, intricacies, and idioms that powerfully impact code behavior and performance. You'll learn how to choose the most efficient and effective way to accomplish key tasks when multiple options exist, and how to write code that's easier to understand, maintain, and improve. Drawing on his deep understanding of Python's capabilities, Slatkin offers practical advice for each major area of development with both Python 3.x and Python 2.x. Coverage includes: * Algorithms * Objects * Concurrency * Collaboration * Built-in modules * Production techniques * And more Each section contains specific, actionable guidelines organized into items, each with carefully worded advice supported by detailed technical arguments and illuminating examples. Using Effective Python, you can systematically improve all the Python code you write: not by blindly following rules or mimicking incomprehensible idioms, but by gaining a deep understanding of the technical reasons why they make sense."--[Source inconnue].

Learn how to develop intelligent applications with sequential learning and apply modern methods for language modeling with neural network architectures for deep learning with Python's most popular TensorFlow framework. Key Features Train and deploy Recurrent Neural Networks using the popular TensorFlow library Apply long short-term memory units Expand your skills in complex neural network and deep learning topics Book Description Developers struggle to find an easy-to-follow learning resource for implementing Recurrent Neural Network (RNN) models. RNNs are the state-of-the-art model in deep learning for dealing with sequential data. From language translation to generating captions for an image, RNNs are used to continuously improve results. This book will teach you the fundamentals of RNNs, with example applications in Python and the TensorFlow library. The examples are accompanied by the right combination of theoretical knowledge and real-world implementations of concepts to build a solid foundation of neural network modeling. Your journey starts with the simplest RNN model, where you can grasp the fundamentals. The book then builds on this by proposing more advanced and complex algorithms. We use them to explain how a typical state-of-the-art RNN model works. From generating text to building a language translator, we show how some of today's most powerful AI applications work under the hood. After reading the book, you will be confident with the fundamentals of RNNs, and be ready to pursue further study, along with developing skills in this exciting field. What you will learn Use TensorFlow to build RNN models Use the correct RNN architecture for a particular machine learning task Collect and clear the training data for your models Use the correct Python libraries for any task during the building phase of your model Optimize your model for higher accuracy Identify the differences between multiple models and how you can substitute them Learn the core deep learning fundamentals applicable to any machine learning model Who this book is for This book is for Machine Learning engineers and data scientists who want to learn about Recurrent Neural Network models with practical use-cases. Exposure to Python programming is required. Previous experience with TensorFlow will be helpful, but not mandatory.