

Python Crash Course, 3rd Edition 2023-01-10

python crash course is the world's bestselling programming book with over 1 500 000 copies sold to date python crash course is the world's best selling guide to the python programming language this fast paced thorough introduction will have you writing programs solving problems and developing functioning applications in no time you'll start by learning basic programming concepts such as variables lists classes and loops and practice writing clean code with exercises for each topic you'll also learn how to make your programs interactive and test your code safely before adding it to a project you'll put your new knowledge into practice by creating a space invaders inspired arcade game building a set of data visualizations with python's handy libraries and deploying a simple application online as you work through the book you'll learn how to use powerful python libraries and tools including pytest pygame matplotlib plotly and django make increasingly complex 2d games that respond to keypresses and mouse clicks generate interactive data visualizations using a variety of datasets build apps that allow users to create accounts and manage their own data and deploy your apps online troubleshoot coding errors and solve common programming problems new to this edition this third edition is completely revised to reflect the latest in python code new and updated coverage includes vs code for text editing the pathlib module for file handling pytest for testing your code as well as the latest features of matplotlib plotly and django if you've been thinking about digging into programming python crash course will provide you with the skills to write real programs fast why wait any longer start your engines and code uses python 3

Expert Python Programming 2019-04-30

refine your python programming skills and build professional grade applications with this comprehensive guide key features create manageable code that can run in various environments with different sets of dependencies implement effective python data structures and algorithms to write optimized code discover the exciting new features of python 3.7 book description python is a dynamic programming language that's used in a wide range of domains thanks to its simple yet powerful nature although writing python code is easy making it readable reusable and easy to maintain is challenging complete with best practices useful tools and standards implemented by professional python developers the third edition of expert python programming will help you overcome this challenge the book will start by taking you through the new features in python 3.7 you'll then learn the advanced components of python syntax in addition to understanding how to apply concepts of various programming paradigms including object oriented programming functional programming and event driven programming this book will also guide you through learning the best naming practices writing your own distributable python packages and getting up to speed with automated ways of deploying your software on remote servers you'll discover how to create useful python extensions with c/c++ cython and cffi furthermore studying about code management tools writing clear documentation and exploring test driven development will help you write clean code by the end of the book you will have become an expert in writing efficient and maintainable python code what you will learn explore modern ways of setting up repeatable and consistent development environments package python code effectively for community and production use learn modern syntax elements of python programming such as f strings enums and lambda functions demystify metaprogramming in python with metaclasses write concurrent code in python extend python with code written in different languages integrate python with code written in different languages who this book is for this book will appeal to you if you're a programmer looking to take your python knowledge to the next level by writing efficient code and learning the latest features of version 3.7 and above

Learn Python Programming - Third Edition 2021-10-29

get up and running with python through concise tutorials and practical projects in this fully updated edition key features discover how to think like a python programmer extensively revised with richer examples python 3.9 syntax and new chapters on apis and packaging and distributing python code learn the fundamentals of python through real world projects in api development gui programming and data science

book description learn python programming third edition is both a theoretical and practical introduction to python an extremely flexible and powerful programming language that can be applied to many disciplines this book will make learning python easy and give you a thorough understanding of the language you ll learn how to write programs build modern apis and work with data by using renowned python data science libraries this revised edition covers the latest updates on api management packaging applications and testing there is also broader coverage of context managers and an updated data science chapter the book empowers you to take ownership of writing your software and become independent in fetching the resources you need you will have a clear idea of where to go and how to build on what you have learned from the book through examples the book explores a wide range of applications and concludes by building real world python projects based on the concepts you have learned what you will learn get python up and running on windows mac and linux write elegant reusable and efficient code in any situation avoid common pitfalls like duplication complicated design and over engineering understand when to use the functional or object oriented approach to programming build a simple api with fastapi and program gui applications with tkinter get an initial overview of more complex topics such as data persistence and cryptography fetch clean and manipulate data making efficient use of python s built in data structures who this book is for this book is for anyone who has some programming experience but not necessarily with python some knowledge of basic programming concepts will come in handy although it is not a requirement

Automate the Boring Stuff with Python, 3rd Edition 2024-05-21

the bestselling introduction to practical python programming for total beginners is now in its 3rd edition revised to include the latest python features even better explanations and new chapters about databases and sound files if you ve ever spent hours renaming files or updating hundreds of spreadsheet cells you know how tedious tasks like these can be but what if you could have your computer do them for you in this fully revised edition of the best selling classic automate the boring stuff with python you ll learn how to use python to write programs that do in minutes what would take you hours to do by hand no prior programming experience required you ll learn the basics of coding in python and explore the language s s rich library of modules for performing specific tasks like scraping data from websites searching for text across multiple files and merging watermarking or encrypting pdfs the third edition includes expanded coverage of developer techniques like creating command line programs updated examples and new projects additional chapters about working with sqlite databases speech recognition technology video and audio editing and text to speech capabilities simplified explanations based on reader feedback of beginner programming concepts like loops and conditionals even if you ve never written a line of code automate the boring stuff with python 3rd edition will teach you how to make your computer take on tedious tasks and do all your grunt work the way it should be

Python for Everyone 2019-08-20

introduction programming with numbers and strings decisions loops functions lists files and exceptions sets and dictionaries objects and classes inheritance recursion sorting and searching

Learning to Program Using Python 2016-06-20

an introduction to computer programming using the easy yet powerful python programming language python a cross platform language used by such organizations as google and nasa lets you work quickly and efficiently allowing you to concentrate on your work rather than the language the core python language both versions 2 x and 3 x is discussed as well as an introduction to graphical user interface creation web programming parallel processing and other topics the ideas covered in this book provide the reader with many major programming topics applicable to a wide variety of programming languages such as interfacing with databases web programming graphical user interfaces and using pygame after reading this book the reader should be able to quickly create simple to medium level programs and be prepared to tackle

more complex programming tasks

Learn Python Programming 2021-10-29

get up and running with python 3.9 through concise tutorials and practical projects in this fully updated third edition purchase of the print or kindle book includes a free ebook in pdf format key features extensively revised with richer examples python 3.9 syntax and new chapters on apis and packaging and distributing python code discover how to think like a python programmer learn the fundamentals of python through real world projects in api development gui programming and data science book description learn python programming third edition is both a theoretical and practical introduction to python an extremely flexible and powerful programming language that can be applied to many disciplines this book will make learning python easy and give you a thorough understanding of the language you'll learn how to write programs build modern apis and work with data by using renowned python data science libraries this revised edition covers the latest updates on api management packaging applications and testing there is also broader coverage of context managers and an updated data science chapter the book empowers you to take ownership of writing your software and become independent in fetching the resources you need you will have a clear idea of where to go and how to build on what you have learned from the book through examples the book explores a wide range of applications and concludes by building real world python projects based on the concepts you have learned what you will learn get python up and running on windows mac and linux write elegant reusable and efficient code in any situation avoid common pitfalls like duplication complicated design and over engineering understand when to use the functional or object oriented approach to programming build a simple api with fastapi and program gui applications with tkinter get an initial overview of more complex topics such as data persistence and cryptography fetch clean and manipulate data making efficient use of python's built in data structures who this book is for this book is for everyone who wants to learn python from scratch as well as experienced programmers looking for a reference book prior knowledge of basic programming concepts will help you follow along but it's not a prerequisite

Python Programming in Context 2019-10-01

python programming in context third edition provides a comprehensive and accessible introduction to python fundamentals updated with the latest version of python the new third edition offers a thorough overview of multiple applied areas including image processing cryptography astronomy the internet and bioinformatics taking an active learning approach each chapter starts with a comprehensive real world project that teaches core design techniques and python programming while engaging students an ideal first language for learners entering the rapidly expanding field of computer science python gives students a solid platform of key problem solving skills that translate easily across programming languages

Python 2004-03

python

The Quick Python Book 2018-05-03

summary this third revision of manning's popular the quick python book offers a clear crisp updated introduction to the elegant python programming language and its famously easy to read syntax written for programmers new to python this latest edition includes new exercises throughout it covers features common to other languages concisely while introducing python's comprehensive standard functions library and unique features in detail foreword by nicholas tolliver python software foundation purchase of the print book includes a free ebook in pdf

book will help you to master the most relevant areas of the framework by building practical projects from scratch you need to have familiarity with programming concepts in order to read this book some previous knowledge of html and javascript is assumed

Introduction to Computation and Programming Using Python, third edition 2021-01-26

the new edition of an introduction to the art of computational problem solving using python this book introduces students with little or no prior programming experience to the art of computational problem solving using python and various python libraries including numpy matplotlib random pandas and sklearn it provides students with skills that will enable them to make productive use of computational techniques including some of the tools and techniques of data science for using computation to model and interpret data as well as substantial material on machine learning all of the code in the book and an errata sheet are available on the book s web page on the mit press website

The Practice of Computing Using Python 2016-02-18

this is the ebook of the printed book and may not include any media website access codes or print supplements that may come packaged with the bound book for courses in python programming introduces python programming with an emphasis on problem solving now in its third edition practice of computing using python continues to effectively introduce readers to computational thinking using python with a strong emphasis on problem solving through computer science the authors have chosen python for its simplicity powerful built in data structures advanced control constructs and practicality the text is built from the ground up for python programming rather than having been translated from java or c focusing on data manipulation and analysis as a theme the text allows readers to work on real problems using internet sourced or self generated data sets that represent their own work and interests the authors also emphasize program development and provide readers of all backgrounds with a practical foundation in programming that suit their needs among other changes the third edition incorporates a switch to the anaconda distribution the spyder ide and a focus on debugging and guis also available with myprogramminglab myprogramminglab is an online learning system designed to engage students and improve results myprogramminglab consists of a set of programming exercises correlated to specific pearson csl intro to programming textbooks through practice exercises and immediate personalized feedback myprogramminglab improves the programming competence of beginning students who often struggle with the basic concepts of programming languages note you are purchasing a standalone product mylab mastering does not come packaged with this content students if interested in purchasing this title with mylab mastering ask your instructor for the correct package isbn and course id instructors contact your pearson representative for more information if you would like to purchase boththe physical text and mylab mastering search for 0134520513 9780134520513 the practice of computing using python plus myprogramminglab with pearson etext access card package 3 e package consists of 0134381327 9780134381329 myprogramminglab with pearson etext access card package 0134379764 9780134379760 the practice of computing using python 3 e

Python Machine Learning By Example 2020-10-30

a comprehensive guide to get you up to speed with the latest developments of practical machine learning with python and upgrade your understanding of machine learning ml algorithms and techniques key featuresdive into machine learning algorithms to solve the complex challenges faced by data scientists todayexplore cutting edge content reflecting deep learning and reinforcement learning developmentsuse updated python libraries such as tensorflow pytorch and scikit learn to track machine learning projects end to endbook description python machine learning by example third edition serves as a comprehensive gateway into the world of machine learning ml with six new chapters on topics including movie recommendation engine development with naïve bayes recognizing faces with support vector machine predicting stock

answers fast python 2 4 is more than just optimization and library enhancements it s also chock full of bug fixes and upgrades and these changes are addressed in the python pocket reference 3rd edition new language features new and upgraded built ins and new and upgraded modules and packages they re all clarified in detail the python pocket reference 3rd edition serves as the perfect companion to learning python and programming python

Python Programming 2004

this book is suitable for use in a university level first course in computing cs1 as well as the increasingly popular course known as cs0 it is difficult for many students to master basic concepts in computer science and programming a large portion of the confusion can be blamed on the complexity of the tools and materials that are traditionally used to teach cs1 and cs2 this textbook was written with a single overarching goal to present the core concepts of computer science as simply as possible without being simplistic

Python 2017-06

python 3

Beginning Python 2017

python was recently ranked as today s most popular programming language on the tiobe index thanks to its broad applicability to design and prototyping to testing deployment and maintenance with this updated fourth edition you ll learn how to get the most out of python whether you re a professional programmer or someone who needs this language to solve problems in a particular field carefully curated by recognized experts in python this new edition focuses on version 3 10 bringing this seminal work on the python language fully up to date on five version releases including preview coverage of upcoming 3 11 features this handy guide will help you learn how python represents data and program as objects understand the value and uses of type annotations examine which language features appeared in which recent versions discover how to use modern python idiomatically learn ways to structure python projects appropriately understand how to debug python code

Python in a Nutshell 2023-01-09

for courses in python programming a clear and student friendly introduction to the fundamentals of python in starting out with python 4th edition tony gaddis accessible coverage introduces students to the basics of programming in a high level language python an easy to learn and increasingly popular object oriented language allows readers to become comfortable with the fundamentals of programming without the troublesome syntax that can be challenging for novices with the knowledge acquired using python students gain confidence in their skills and learn to recognise the logic behind developing high quality programs starting out with python discusses control structures functions arrays and pointers before objects and classes as with all gaddis texts clear and easy to read code listings concise and practical real world examples focused explanations and an abundance of exercises appear in every chapter updates to the 4th edition include revised improved problems throughout and new turtle graphics sections that provide flexibility as assignable optional material

Starting Out with Python, Global Edition 2018-03-08

totaling 900 pages and covering all of the topics important to new and intermediate users beginning python is intended to be the most comprehensive book on the python ever written the 15 sample projects in beginning python are attractive to novice programmers interested in

learning by creating applications of timely interest such as a p2p file sharing application based bulletin board and an arcade game similar to the classic space invaders the author magnus lie hetland phd is author of a press well received 2002 title practical python isbn 1 59059 006 6 he s also author of the popular online guide instant python hacking hetland org from which both practical python and beginning python are based

Beginning Python 2006-11-07

portable powerful and a breeze to use python is the popular open source object oriented programming language used for both standalone programs and scripting applications python is considered easy to learn but there s no quicker way to mastery of the language than learning from an expert teacher this edition of learning python puts you in the hands of two expert teachers mark lutz and david ascher whose friendly well structured prose has guided many a programmer to proficiency with the language learning python second edition offers programmers a comprehensive learning tool for python and object oriented programming thoroughly updated for the numerous language and class presentation changes that have taken place since the release of the first edition in 1999 this guide introduces the basic elements of the latest release of python 2 3 and covers new features such as list comprehensions nested scopes and iterators generators beyond language features this edition of learning python also includes new context for less experienced programmers including fresh overviews of object oriented programming and dynamic typing new discussions of program launch and configuration options new coverage of documentation sources and more there are also new use cases throughout to make the application of language features more concrete the first part of learning python gives programmers all the information they ll need to understand and construct programs in the python language including types operators statements classes functions modules and exceptions the authors then present more advanced material showing how python performs common tasks by offering real applications and the libraries available for those applications each chapter ends with a series of exercises that will test your python skills and measure your understanding learning python second edition is a self paced book that allows readers to focus on the core python language in depth as you work through the book you ll gain a deep and complete understanding of the python language that will help you to understand the larger application level examples that you ll encounter on your own if you re interested in learning python and want to do so quickly and efficiently then learning python second edition is your best choice

Learning Python 2004

python keras tensorflow part 1

Python Keras 2018-05-28

a recipe based guide to programming your raspberry pi 3 using python key features leverage the power of raspberry pi 3 using python programming create 3d games build neural network modules and interface with your own circuits packed with clear step by step recipes to walk you through the capabilities of raspberry pi book description raspberry pi 3 cookbook for python programmers third edition begins by guiding you through setting up raspberry pi 3 performing tasks using python 3 6 and introducing the first steps to interface with electronics as you work through each chapter you will build your skills and apply them as you progress you will learn how to build text classifiers predict sentiments in words develop applications using the popular tkinter library and create games by controlling graphics on your screen you will harness the power of a built in graphics processor using pi3d to generate your own high quality 3d graphics and

environments you will understand how to connect raspberry pi s hardware pins directly to control electronics from switching on leds and responding to push buttons to driving motors and servos get to grips with monitoring sensors to gather real life data using it to control other devices and viewing the results over the internet you will apply what you have learned by creating your own pi rover or pi hexipod robots you will also learn about sentiment analysis face recognition techniques and building neural network modules for optical character recognition finally you will learn to build movie recommendations system on raspberry pi 3 what you will learn learn to set up and run raspberry pi 3 build text classifiers and perform automation using python predict sentiments in words and create games and graphics detect edges and contours in images build human face detection and recognition system use python to drive hardware sense and display real world data build a neural network module for optical character recognition build movie recommendations system who this book is for this book is for anyone who wants to master the skills of python programming using raspberry pi 3 prior knowledge of python will be an added advantage

Raspberry Pi 3 Cookbook for Python Programmers 2018-04-30

refine your programming techniques and approaches to become a more productive and creative python programmer this book explores the concepts and features that will improve not only your code but also your understanding of the python community with insights and details about the python philosophy pro python 3 third edition gives you the tools to write clean innovative code it starts with a review of some core python principles which are illustrated by various concepts and examples later in the book the first half of the book explores aspects of functions classes protocols and strings describing techniques which may not be common knowledge but which together form a solid foundation later chapters cover documentation testing and app distribution along the way you ll develop a complex python framework that incorporates ideas learned throughout the book updates in this edition include the role of iterators in python 3 web scraping with scrapy and beautifulsoup using requests to call web pages without strings new tools for distribution and installation and much more by the end of the book you ll be ready to deploy uncommon features that can take your skills to the next level in python what you ll learn implement programs with various types of python functions work with classes and object oriented programming use strings from the standard library and third party libraries harvest web site data with python automate unit testing by writing a test suite review imaging random number generation and numpy scientific extensions understand the zen of python documentation to help you decide the best way to distribute your code who this book is for intermediate programmers familiar with python who are looking to move to an advanced level you should have written at least a simple python application and be comfortable with a basic object oriented approach using the interactive interpreter and writing control structures

The Quick Python Book 2018

python programming in context fourth edition provides a comprehensive and accessible introduction to python fundamentals updated with python 3 10 the fourth edition offers a thorough overview of multiple applied areas including image processing cryptography astronomy the internet and bioinformatics taking an active learning approach each chapter starts with a comprehensive real world project that teaches core design techniques and python programming to immediately engage students an ideal first language for learners entering the rapidly expanding fields of computer science data science and scientific programming python gives students a solid platform of key problem solving skills that translate easily across programming languages this text is designed to be a first course in computer science that focuses on problem solving with language features being introduced as needed to solve the problem at hand

Pro Python 3 2019-03-18

over 90 recipes to help you develop widgets forms layouts charts and much more using the latest features of python 3 key features use object

oriented programming to develop impressive gui in python create interesting charts to visually represent data using matplotlib develop gui with the latest versions of tkinter pyqt5 and wxpython frameworks book description python is a multi domain interpreted programming language that is easy to learn and implement with its wide support for frameworks to develop gui you can build interactive and beautiful gui based applications easily using python this third edition of python gui programming cookbook follows a task based approach to help you create effective gui with the smallest amount of code every recipe in this book builds upon the last to create an entire real life gui application these recipes also help you solve problems that you might encounter while developing gui this book mainly focuses on using python s built in tkinter gui framework you ll learn how to create gui in python using simple programming styles and object oriented programming oop as you add more widgets and expand your gui you will learn how to connect to networks databases and graphical libraries that greatly enhance the functionality of your gui you ll also learn how to use threading to ensure that your gui doesn t become unresponsive toward the end you ll learn about the versatile pyqt gui framework which comes along with its own visual editor that allows you to design gui using drag and drop features by the end of the book you ll be an expert in designing python gui and be able to develop a variety of gui applications with ease what you will learn create amazing gui with python s built in tkinter module customize gui using layout managers to arrange gui widgets advance from the typical waterfall coding style to an oop style using python develop beautiful charts using the free matplotlib python module use threading in a networked environment to make gui responsive discover ways to connect gui to a mysql database understand how unit tests can be created and internationalize guide delve into the world of gui creation using pyqt5 who this book is for if you re a programmer or developer looking to enhance your python skills by writing powerful gui applications this book is for you familiarity with the python programming language is necessary to get the most out of the book

Python Programming in Context 2024-04-15

a user friendly object oriented language python is quickly becoming the favorite introductory programming language among students and instructors many find python to be a more lucid language than java but with much of the functionality and therefore the ideal first language for those entering the world of computer science python programming in context is a clear accessible introduction to the fundamental programming and problem solving concepts necessary for students at this level the authors carefully build upon the many important computer science concepts and problem solving techniques throughout the text and offer relevant real world examples and exercises to reinforce key material programming skills throughout the text are linked to applied areas such as image processing cryptography astronomy music the internet and bioinformatics giving students a well rounded look of its capabilities

Python GUI Programming Cookbook 2019-10-11

perfect for a beginning programming course python for everyone high school edition is a comprehensive introduction to python and computer programming which focuses on the principles of programming software engineering and effective learning it is designed for first course in programming nobody supports your desire to teach students good programming skills like cay horstmann and rance necaise active in both the classroom and the software industry horstmann and necaise know that meticulous coding not shortcuts is the base upon which great programmers are made using an innovative visual design that leads students step by step through intricacies of python programming python for everyone high school edition instills confidence in beginning programmers and confidence leads to success

Python Programming in Context 2010-10-27

completely updated for the latest version of python this book offers a comprehensive introduction to programming assuming no prior knowledge of the subject it is designed for individuals eager to learn python from scratch providing a strong foundation in algorithmic

thinking the fundamental skill every aspiring programmer must acquire algorithmic thinking encompasses more than just writing code it entails mastering the art of problem solving through coding this edition retains all the popular features of its predecessor while introducing a wealth of new exercises along with extensive revisions and updates furthermore brand new chapters offer a practical introduction to working with text files structured for both classroom use and independent study each chapter is concluded with a set of questions and exercises designed to reinforce your understanding and apply what you ve learned with approximately 250 solved and 480 unsolved exercises 500 true false questions 150 multiple choice questions and 200 review questions and crosswords with solutions and answers available online this book is ideal for novices or intermediate level programmers pursuing self study high school students first years college or university students educators professors anyone who wants to start learning or teaching computer programming using the best practices and techniques

Python for Everyone, Wiley High School Edition 2013-08-12

note you are purchasing a standalone product myprogramminglab does not come packaged with this content if you wouldlike to purchase both the physical text and myprogramminglabsearch for isbn 10 0132992833 isbn 13 9780132992831 that packageincludes isbn 10 013280557x isbn 13 9780132805575 and isbn 10 0132831325 isbn 13 9780132831321 myprogramminglab should only be purchased when required by an instructor a problem solving approach to programming with python the practice of computing using python introduces cs1 students majors and non majors to computational thinking using python with data manipulation as a theme readers quickly see the value in what they re learning and leave the course with a set of immediately useful computational skills that can be applied to problems they encounter in future pursuits the book takes an object use first approach writing classes is covered only after students have mastered using objects this edition is available with myprogramminglab an innovative online homework and assessment tool through the power of practice and immediate personalized feedback myprogramminglab helps students fully grasp the logic semantics and syntax of programming

Python and Algorithmic Thinking for the Complete Beginner (3rd Edition) 2024-02-28

gain useful insights from your data using popular data science tools key featuresa one stop guide to python libraries such as pandas and numpycomprehensive coverage of data science operations such as data cleaning and data manipulationchoose scalable learning algorithms for your data science tasksbook description fully expanded and upgraded the latest edition of python data science essentials will help you succeed in data science operations using the most common python libraries this book offers up to date insight into the core of python including the latest versions of the jupyter notebook numpy pandas and scikit learn the book covers detailed examples and large hybrid datasets to help you grasp essential statistical techniques for data collection data munging and analysis visualization and reporting activities you will also gain an understanding of advanced data science topics such as machine learning algorithms distributed computing tuning predictive models and natural language processing furthermore you ll also be introduced to deep learning and gradient boosting solutions such as xgboost lightgbm and catboost by the end of the book you will have gained a complete overview of the principal machine learning algorithms graph analysis techniques and all the visualization and deployment instruments that make it easier to present your results to an audience of both data science experts and business users what you will learnset up your data science toolbox on windows mac and linuxuse the core machine learning methods offered by the scikit learn librarymanipulate fix and explore data to solve data science problemslearn advanced explorative and manipulative techniques to solve data operationsoptimize your machine learning models for optimized performanceexplore and cluster graphs taking advantage of interconnections and links in your datawho this book is for if you re a data science entrant data analyst or data engineer this book will help you get ready to tackle real world data science problems without wasting any time basic knowledge of probability statistics and python coding experience will assist you in understanding the concepts covered in this book

covering the most used datasets and libraries to help you build practical machine learning systems using machine learning to gain deeper insights from data is a key skill required by modern application developers and analysts alike python being a dynamic language allows for fast exploration and experimentation this book shows you exactly how to find patterns in your raw data you will start by brushing up on your python machine learning knowledge and being introduced to libraries you ll quickly get to grips with serious real world projects on datasets using modeling and creating recommendation systems with building machine learning systems with python you ll gain the tools and understanding required to build your own systems all tailored to solve real world data analysis problems by the end of this book you will be able to build machine learning systems using techniques and methodologies such as classification sentiment analysis computer vision reinforcement learning and neural networks what you will learn build a classification system that can be applied to text images and sound employ amazon services aws to run analysis on the cloud solve problems related to regression using scikit learn and tensorflow recommend products to users based on their past purchases understand different ways to apply deep neural networks on structured data address recent developments in the field of computer vision and reinforcement learning who this book is for building machine learning systems with python is for data scientists machine learning developers and python developers who want to learn how to build increasingly complex machine learning systems you will use python s machine learning capabilities to develop effective solutions prior knowledge of python programming is expected

Raspberry Pi 4 2024-01-31

Building Machine Learning Systems with Python 2018-07-31

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