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If you don't know the programming, if you don't want to waste time and you want methods that Guarantee Results Immediately, then this is the perfect book for you. You FINALLY have the book "Python"! Code is the language of the future. The secret is in learning programming languages because every

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electronic device runs on some sort of programming language. If for whatever reason, you have been looking to learn programming or perhaps looking to improve your programming skills, Python could be the best option you can get right now. Python is a programming language that is well-known for its simplicity and powerful features that can be used to make web and software applications. This book is also suitable for those seeking to go beyond the basics of Python programming. What this book offers: * A Practical Introduction Guide to Learn Python. Learn Coding Faster with Hands-On Project.

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Python Crash Course, 2nd Edition is a straightforward introduction to the core of Python programming. Author Eric Matthes

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dispenses with the sort of tedious, unnecessary information that can get in the way of learning how to program, choosing instead to provide a foundation in general programming concepts, Python fundamentals, and problem solving. Three real world projects in the second part of the book allow readers to apply their knowledge in useful ways. Readers will learn how to create a simple video game, use data visualisation techniques to make graphs and charts, and build and deploy an interactive web application.

Summary This third revision of Manning's

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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 Tollervey, Python Software Foundation. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Initially

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Guido van Rossum's 1989 holiday project, Python has grown into an amazing computer language. It's a joy to learn and read, and powerful enough to handle everything from low-level system resources to advanced applications like deep learning. Elegantly simple and complete, it also boasts a massive ecosystem of libraries and frameworks. Python programmers are in high demand; you can't afford not to be fluent! About the Book The Quick Python Book, Third Edition is a comprehensive guide to the Python language by a Python authority, Naomi Ceder. With the personal touch of a skilled teacher, she

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beautifully balances details of the language with the insights and advice you need to handle any task. Extensive, relevant examples and learn-by-doing exercises help you master each important concept the first time through. Whether you're scraping websites or playing around with nested tuples, you'll appreciate this book's clarity, focus, and attention to detail. What's Inside Clear coverage of Python 3 Core libraries, packages, and tools In-depth exercises Five new data science-related chapters About the Reader Written for readers familiar with programming concepts--no Python experience

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assumed. About the Author Naomi Ceder is chair of the Python Software Foundation. She has been learning, using, and teaching Python since 2001. Table of Contents PART 1 - STARTING OUT 1. About Python 2. Getting started 3. The Quick Python overview PART 2 - THE ESSENTIALS 4. The absolute basics 5. Lists, tuples, and sets 6. Strings 7. Dictionaries 8. Control flow 9. Functions 10. Modules and scoping rules 11. Python programs 12. Using the filesystem 13. Reading and writing files 14. Exceptions PART 3 - ADVANCED LANGUAGE FEATURES 15. Classes and object-oriented programming 16. Regular

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expressions 17. Data types as objects 18.
Packages 19. Using Python libraries PART 4 -
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21. Processing data files 22. Data over the
network 23. Saving data 24. Exploring data

This document is a self learning document for
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Its all about your dedication. In this book, I'll be teaching you the basics of Python programming in a way you will really understand. There is no reason to teach you Machine Learning and Data Science as a beginner and this book wont bombard you with informations that you wont be able to digest. Personally, I'd recomment that you take it one chapter at a time. Try to understand the information in one chapter before moving onto the next. Python is here to stay and the aim is to be very good at it. This book will teach you the following from scratch: A clear introduction of Python and Python 3

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DESCRIPTION Basic Core Python Programming is an absolute beginners book. It focuses on the fundamentals of Python programming and simplifies coding concepts. This book makes it easy to learn the concepts of Python variables, Expressions, Decision structures, and Iteration. Equipped with a lot of exercises and Q&As, you don't just practice the

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programming but also gain an in-depth understanding of the basic concepts of Python. You will start your journey right from how to go about Python installation and start using its interactive development environment and go on to learn how to build logic and implement it with coding. You will explore different types of data, operators, and in-built functions. This book covers numerous coding examples that will help you understand the importance of each data type, how to work with each one of them, and when to use

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them. You can learn some more practical useful concepts like how to implement control structures and use them for decision making and controlling the program flow. WHAT YOU WILL LEARN

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- Practical knowledge on how to work with various data types, operators, and in-built functions.
- Learn to implement strings, lists, arrays, and control structures.
- Learn how to control the program flow and how to use it for decision-making.
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reference book on Python basics for software programmers. WHO THIS BOOK IS FOR This book is highly appealing to all tech-savvy students, programming enthusiasts, IT undergraduates, and computer science students. You do not need any prior knowledge of programming to begin with this book as long as you have the interest to learn to program. TABLE OF CONTENTS 1. Introduction 2. Python Basics 3. Numbers, Operators, and In-built Functions 4. Strings 5. Lists and Arrays 6. Tuples and Dictionaries 7.

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that can quickly enable readers to write their own programs for data processing and mathematical modeling. These tools include file reading, plotting, simple text analysis, and using NumPy for numerical computations, which are fundamental building blocks of all programs in data science and computational science. At the same time, readers are introduced to the fundamental concepts of programming, including variables, functions, loops, classes, and object-oriented programming. Accordingly, the book provides

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project. Instead of going quickly through a wide range of concepts, this book concentrates on the most useful skills, like text manipulation, data structures, collections, and program logic with projects that include a password creator, a word rhymer, and a Shakespearean insult generator. Author Ken Youens-Clark also teaches you good programming practice, including writing tests for your code as you go. What You Will Learn

- Write command-line Python programs
- Manipulate Python data structures Use and

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control randomness Write and run tests for programs and functions Download testing suites for each project This Book Is Written For For readers familiar with the basics of Python programming. About The Author Ken Youens-Clark is a Senior Scientific Programmer at the University of Arizona. He has an MS in Biosystems Engineering and has been programming for over 20 years. Table of Contents 1 How to write and test a Python program 2 The crow's nest: Working with strings 3 Going on a picnic: Working with lists

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much of technical jargons were eliminated, although you might still find some, but they are the terms that you will likely (almost always) encounter when creating your codes. You will find no such trouble in understanding the terms, and how to do it properly. Samples are provided for you, and explanations are also presented so you won't get lost and still have fun while learning. You will be glad that you have this book with you while learning Python. Discover many things that you can do with Python programming, and you might

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- Search the Web and download online content
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Step-by-step instructions walk you through each program, and practice

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labor tasks; all these highlight the fact that we live in interesting times. From research topics to projects and applications in different stages of production, there is a lot going on in the world of Machine Learning. Machines and automation represent a huge part of our daily life. They are becoming part of our experience and existence. This is Machine Learning. Artificial Intelligence is currently one of the most thriving fields any programmer

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would wish to delve into, and for a good reason: this is the future! Simply put, Machine Learning is about teaching machines to think and make decisions as we would. The difference between the way machines learn and the way we do is that while for the most part we learn from experiences, machines learn from data. Starting from scratch, Python Machine Learning explains how this happens, how machines build their experience and compounding knowledge.

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