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Iron Python In Action

The second edition of this best-selling Python book (over 500,000 copies sold!) uses Python 3 to teach even the technically uninclined how to write programs that do in minutes what would take hours to do by hand. There is no prior programming experience required and the book is loved by liberal arts majors and geeks alike. 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 second edition of the best-selling classic Automate the Boring Stuff with Python, you'll learn how to use Python to

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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 Python and explore Python's rich library of modules for performing specific tasks, like scraping data off websites, reading PDF and Word documents, and automating clicking and typing tasks. The second edition of this international fan favorite includes a brand-new chapter on input validation, as well as tutorials on automating Gmail and Google Sheets, plus tips on automatically updating CSV files. You'll learn how to create programs that effortlessly perform useful feats of automation to:

- Search for text in a file or across multiple files
- Create, update, move, and rename files and folders
- Search the Web and download online content
- Update and format data in Excel spreadsheets of any size

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Split, merge, watermark, and encrypt PDFs • Send email responses and text notifications • Fill out online forms Step-by-step instructions walk you through each program, and updated practice projects at the end of each chapter challenge you to improve those programs and use your newfound skills to automate similar tasks. Don't spend your time doing work a well-trained monkey could do. Even if you've never written a line of code, you can make your computer do the grunt work. Learn how in Automate the Boring Stuff with Python, 2nd Edition.

My principle strategy for trading Weekly Index Options uses 2 sigma Iron Condors: Short Calls 2 standard deviations above the market and the Long Calls the next strike price higher; Short Puts 2 standard deviations below the market and the

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Long Puts the next strike price lower. This is called 2 Sig Iron Condors. I have developed a procedure to make a Weekly Profit using Iron Condors. My objective is to show you how to make a weekly profit of \$150 week with 2 Condors. As your capital increases with trading profits, then you increase the number of Condors. Then your weekly profit increases as the capital grows. For example: if the capital in your broker account permits 4 condors, then the weekly profit would increase to \$300 per week. The weekly profit per Capital = $\$150/\$2000 = 7.5\%$ per week. SelfAdapSPXweeklyVLTy is the name of my software which I use to generate weekly Profits. This book describes how to use the TradeMonster real-time SPX weekly option quotes. My Software: SelfAdapSPXweeklyVLTy computes the Strike Prices used

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for the weekly option trades. If you have another source for real time SPX weekly option quotes, then that source can be used instead of the TradeMonster source. You must have a minimum of \$2000 in your broker account to do Weekly Iron Condor trading. This book recommends starting with \$2500 and presents a Capital Growth Model that shows that, using the trading procedure herein, this Initial Capital of \$2500 could grow to \$300,000 in 2 Years. Weekly Index Options became available on the Chicago Board of Options Exchange in 2003. I have watched this type of Options Trading evolve as more investors used weekly trading. I have changed my trading software to reflect this evolution. I made my software simpler by limiting it to SPX for the weekly options trading. A comprehensive, hands-on introduction to Microsoft's

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version of Python for the .NET framework. The book shows how to use IronPython with C#, VB.NET, and ASP.NET applications. Readers will use IronPython as a Windows scripting tool, and see how it connects to PowerShell.

C# 4.0 Unleashed is a practical reference focusing on the C# language and the .NET platform as a whole. While covering the language in lots of detail, it also provides enough coverage of various popular .NET technologies and techniques (such as debugging) for the reader to be successful on the .NET platform. The in-depth coverage of the language features is crucial to the success of a developer. Knowing exactly where and why to use certain language features can boost efficiency significantly. This book differs from other works by going into enough depth on

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how things work, while not being a clone of the formal language specification. Concise anecdotes with concrete samples illustrate how certain language features behave, and also point out possible caveats in using them. On the side of platform coverage, the author provides a gentle introduction to the wide landscape of the .NET platform, following a logical structure that reflects the high-level architecture of an application: presentation, logic, data, connectivity, etc. In the .NET part of the book there's coverage of relevant new technologies such as cloud computing, modeling, and parallel programming - things that will gain much more attention moving forward. Provides valuable insight into the C# language and the .NET Framework - not just "what" but also the "how" and "why" of the language and framework features

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Covers using C# with new major technologies, such as cloud computing, SharePoint, and ASP.NET MVC Author is Microsoft insider Will be day and date with the release of C# 4.0

Natural Language Processing with Python

Essentials of Paleomagnetism

Dive Into Python

Writing Better Action Using Cinematic Techniques

The Found Man

Professional IronPython

Do less work when testing your Python code, but be just as expressive, just as elegant, and just as readable. The pytest

testing framework helps you write tests quickly and keep them readable and maintainable - with no boilerplate code. Using a robust yet simple fixture model, it's just as easy to write small tests with pytest as it is to scale up to complex functional testing for applications, packages, and libraries. This book shows you how. For Python-based projects, pytest is the undeniable choice to test your code if you're looking for a full-featured, API-independent, flexible, and

extensible testing framework. With a full-bodied fixture model that is unmatched in any other tool, the pytest framework gives you powerful features such as assert rewriting and plug-in capability - with no boilerplate code. With simple step-by-step instructions and sample code, this book gets you up to speed quickly on this easy-to-learn and robust tool. Write short, maintainable tests that elegantly express what you're testing. Add powerful testing features and still

speed up test times by distributing tests across multiple processors and running tests in parallel. Use the built-in assert statements to reduce false test failures by separating setup and test failures. Test error conditions and corner cases with expected exception testing, and use one test to run many test cases with parameterized testing. Extend pytest with plugins, connect it to continuous integration systems, and use it in tandem with tox, mock, coverage, unittest, and

doctest. Write simple, maintainable tests that elegantly express what you're testing and why. What You Need: The examples in this book are written using Python 3.6 and pytest 3.0. However, pytest 3.0 supports Python 2.6, 2.7, and Python 3.3-3.6.

Whether you have some experience with Tableau software or are just getting started, this manual goes beyond the basics to help you build compelling, interactive data visualization

applications. Author Ryan Sleeper, one of the world's most qualified Tableau consultants, complements his web posts and instructional videos with this guide to give you a firm understanding of how to use Tableau to find valuable insights in data. Over five sections, Sleeper—recognized as a Tableau Zen Master, Tableau Public Visualization of the Year author, and Tableau Iron Viz Champion—provides visualization tips, tutorials, and strategies to help you avoid

the pitfalls and take your Tableau knowledge to the next level. Practical Tableau sections include: Fundamentals: get started with Tableau from the beginning Chart types: use step-by-step tutorials to build a variety of charts in Tableau Tips and tricks: learn innovative uses of parameters, color theory, how to make your Tableau workbooks run efficiently, and more Framework: explore the INSIGHT framework, a proprietary process for building Tableau dashboards

Storytelling: learn tangible tactics for storytelling with data, including specific and actionable tips you can implement immediately

Life Made Easy - The Secrets To Manifesting The Life You Desire is a precise 60 page Action E-Book Publication. Action E-Books are designed to implement real change in our lives via the reading experience. Never before in human history have our lives been so fragmented by the daily demands being

placed on us and by the onslaught of technology and information overload. Action E-Books assist in addressing some of these dilemmas as they simplify and activate the skills required to survive and succeed in the 21st Century. This book uncovers the ancient secrets which lie behind the true purpose of our existence. Backed up by scientific proof, it works with the manifesting methods used throughout the ages to this day by seers and mystics to create the lives they

desire. It explains how we too have that ability and reveals how we are able to recreate our lives as we would like them to be. Everything you need to know to begin the process of manifesting the life you truly desire is contained within this book. In fact, the pages are infused with this energy, and just through reading it the desired results will begin to magically happen.

Rebellion and war race to take control of New Crobuzon in the award-winning Iron

Council by China Miéville. It is a time of revolts and revolutions, conflict and intrigue. New Crobuzon is being ripped apart from without and within. War with the shadowy city-state of Tesh and rioting on the streets at home are pushing the teeming metropolis to the brink. In the midst of this turmoil, a mysterious masked figure spurs strange rebellion, while treachery and violence incubate in unexpected places. In desperation, a small group of renegades

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escapes from the city and crosses strange and alien continents in the search for a lost hope, an undying legend. In the blood and violence of New Crobuzon's most dangerous hour, there are whispers. It is the time of the Iron Council.

**Real-World Functional Programming
Pro IronPython**

**Innovative Tableau
Action!**

Mono: A Developer's Notebook

TIBCO Spotfire: A Comprehensive Primer

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Google and YouTube use Python because it's highly adaptable, easy to maintain, and allows for rapid development. If you want to write high-quality, efficient code that's easily integrated with other languages and tools, this hands-on book will help you be productive with Python quickly -- whether you're new to programming or just new to Python. It's an easy-to-follow self-paced tutorial, based on author and Python expert Mark Lutz's popular training course. Each chapter contains a stand-alone lesson on a key

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component of the language, and includes a unique Test Your Knowledge section with practical exercises and quizzes, so you can practice new skills and test your understanding as you go. You'll find lots of annotated examples and illustrations to help you get started with Python 3.0. Learn about Python's major built-in object types, such as numbers, lists, and dictionaries Create and process objects using Python statements, and learn Python's general syntax model Structure and reuse code using functions, Python's

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basic procedural tool Learn about Python modules: packages of statements, functions, and other tools, organized into larger components Discover Python's object-oriented programming tool for structuring code Learn about the exception-handling model, and development tools for writing larger programs Explore advanced Python tools including decorators, descriptors, metaclasses, and Unicode processing The Mono Project is the much talked-about open source initiative to create a Unix implementation of Microsoft's .NET

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Development Framework. Its purpose is to allow Unix developers to build and deploy cross-platform .NET applications. The project has also sparked interest in developing components, libraries and frameworks with C#, the programming language of .NET. The controversy? Some say Mono will become the preferred platform for Linux development, empowering Linux/Unix developers. Others say it will allow Microsoft to embrace, extend, and extinguish Linux. The controversy rages on, but--like many developers--maybe

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you've had enough talk and want to see what Mono is really all about. There's one way to find out: roll up your sleeves, get to work, and see what you Mono can do. How do you start? You can research Mono at length. You can play around with it, hoping to figure things out for yourself. Or, you can get straight to work with *Mono: A Developer's Notebook*--a hands-on guide and your trusty lab partner as you explore Mono 1.0. Light on theory and long on practical application, *Mono: A Developer's Notebook* bypasses the talk and

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theory, and jumps right into Mono 1.0. Diving quickly into a rapid tour of Mono, you'll work through nearly fifty mini-projects that will introduce you to the most important and compelling aspects of the 1.0 release. Using the task-oriented format of this new series, you'll learn how to acquire, install, and run Mono on Linux, Windows, or Mac OS X. You'll work with the various Mono components: Gtk#, the Common Language Runtime, the class libraries (both .NET and Mono-provided class libraries), IKVM and the Mono C#

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compiler. No other resource will take you so deeply into Mono so quickly or show you as effectively what Mono is capable of. The new Developer's Notebooks series from O'Reilly covers important new tools for software developers. Emphasizing example over explanation and practice over theory, they focus on learning by doing--you'll get the goods straight from the masters, in an informal and code-intensive style that suits developers. If you've been curious about Mono, but haven't known where to start, this no-fluff, lab-style

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guide is the solution.

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. It is now being used by an increasing number of major organizations, including NASA and Google. Updated for Python 2.4, *The Python Cookbook*, 2nd Edition offers a wealth of useful code for all Python programmers, not just advanced practitioners. Like its predecessor, the new edition provides solutions to problems

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that Python programmers face everyday. It now includes over 200 recipes that range from simple tasks, such as working with dictionaries and list comprehensions, to complex tasks, such as monitoring a network and building a templating system. This revised version also includes new chapters on topics such as time, money, and metaprogramming. Here's a list of additional topics covered: Manipulating text Searching and sorting Working with files and the filesystem Object-oriented programming Dealing with threads and

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processes System administration
Interacting with databases Creating user
interfaces Network and web programming
Processing XML Distributed programming
Debugging and testing Another advantage of
The Python Cookbook, 2nd Edition is its
trio of authors--three well-known Python
programming experts, who are highly
visible on email lists and in newsgroups,
and speak often at Python conferences. With
scores of practical examples and pertinent
background information, The Python
Cookbook, 2nd Edition is the one source

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you need if you're looking to build efficient, flexible, scalable, and well-integrated systems.

Functional programming languages like F#, Erlang, and Scala are attracting attention as an efficient way to handle the new requirements for programming multi-processor and high-availability applications. Microsoft's new F# is a true functional language and C# uses functional language features for LINQ and other recent advances. Real-World Functional Programming is a unique

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tutorial that explores the functional programming model through the F# and C# languages. The clearly presented ideas and examples teach readers how functional programming differs from other approaches. It explains how ideas look in F#-a functional language-as well as how they can be successfully used to solve programming problems in C#. Readers build on what they know about .NET and learn where a functional approach makes the most sense and how to apply it effectively in those cases. The reader should have a

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good working knowledge of C#. No prior exposure to F# or functional programming is required. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Use Weekly Options to Increase Wealth

Pig Iron

Building Secure Web Applications

The Iron Rule

A Gentle Introduction to Numerical

Simulations with Python

Programming for Computations - Python

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This book gives writers pointers and guidelines on how to improve their action scenes by implementing some of the same kinds of techniques used in film-making.

Loaded with new terminology and definitions, an introduction to the basic concepts of an Action Scene, and application of the concepts, this book gives writers the tools to write their own expert-level action scenes!

KAPOW! BANG! ZOOM!

This is a hands-on guide that provides exemplary coverage of all the features and concepts related to PTVS. The book is intended for developers who are aiming to enhance their productivity in Python projects

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with automation tools that Visual Studio provides for the .Net community. Some basic knowledge of Python programming is essential.

Summary Machine Learning in Action is unique book that blends the foundational theories of machine learning with the practical realities of building tools for everyday data analysis. You'll use the flexible Python programming language to build programs that implement algorithms for data classification, forecasting, recommendations, and higher-level features like summarization and simplification. About the Book A machine is said to learn when its performance

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improves with experience. Learning requires algorithms and programs that capture data and ferret out the interesting or useful patterns. Once the specialized domain of analysts and mathematicians, machine learning is becoming a skill needed by many. Machine Learning in Action is a clearly written tutorial for developers. It avoids academic language and takes you straight to the techniques you'll use in your day-to-day work. Many (Python) examples present the core algorithms of statistical data processing, data analysis, and data visualization in code you can reuse. You'll understand the concepts and how they fit in with tactical

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tasks like classification, forecasting, recommendations, and higher-level features like summarization and simplification. Readers need no prior experience with machine learning or statistical processing. Familiarity with Python is helpful. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

What's Inside A no-nonsense introduction Examples showing common ML tasks Everyday data analysis Implementing classic algorithms like Apriori and Adaboos Table of Contents **PART 1 CLASSIFICATION** Machine learning basics Classifying with k -Nearest

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*Neighbors Splitting datasets one feature at a time:
decision trees Classifying with probability theory: naïve
Bayes Logistic regression Support vector machines
Improving classification with the AdaBoost meta
algorithm PART 2 FORECASTING NUMERIC
VALUES WITH REGRESSION Predicting numeric
values: regression Tree-based regression PART 3
UNSUPERVISED LEARNING Grouping unlabeled
items using k-means clustering Association analysis with
the Apriori algorithm Efficiently finding frequent
itemsets with FP-growth PART 4 ADDITIONAL
TOOLS Using principal component analysis to simplify*

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data Simplifying data with the singular value decomposition Big data and MapReduce

** Quick start to learning python—very example oriented approach * Book has its own Web site established by the author: <http://diveintopython.org/> Author is well known in the Open Source community and the book has a unique quick approach to learning an object oriented language.*

A Thriller

Automate the Boring Stuff with Python, 2nd Edition

Python Testing with pytest

Covers Visual Studio 2008 Service Pack 1 and .NET 3.5

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Service Pack 1!

100 More Tips, Tutorials, and Strategies

Powerful Object-Oriented Programming

A thrilling novel about a man who has lost everything, and is determined to make those responsible pay. Committed to walking through life unknown, his path towards revenge takes an unexpected turn, when he discovers a new life, love and what what he has been truly seeking all along.

Microsoft has introduced a large number of changes to the way that the .NET Framework operates. Familiar technologies have being

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altered, best practices replaced, and developer methodologies adjusted. Many developers find it hard to keep up with the pace of change across .NET's ever-widening array of technologies. You may know what's happening in C#, but how about the Azure cloud? How is that going to affect your work? What are the limitations of the pLINQ syntax? What you need is a roadmap. A guide to help you see the innovations that matter and to give you a head start on the opportunities available in the new framework. Introducing .NET 4.0: with Visual Studio 2010 is designed to provide you with just that roadmap. It serves as a no-nonsense primer that will help

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experienced .NET developers understand the impact of the new framework and its associated technologies. This book will keep you updated on the changes and help you to seize new opportunities confidently and quickly.

"This book by Lisa Tauxe and others is a marvelous tool for education and research in Paleomagnetism. Many students in the U.S. and around the world will welcome this publication, which was previously only available via the Internet. Professor Tauxe has performed a service for teaching and research that is utterly unique."—Neil D. Opdyke, University of Florida
Now more than ever, Windows applications have

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to work well and look good. Windows Presentation Foundation (WPF), Microsoft's new user interface framework, gives you the ability to create stunning graphics, rich interactions, and highly-usable Windows applications. WPF is the API beneath Windows Vista interfaces, and it's also available for older versions of Windows. Up to this point, it has only been possible to build WPF applications manually, mainly by hand-coding in XAML-WPF's declarative XML-based markup language. The soon-to-be-released Visual Studio 2008 provides the full set of developer tools you need to take advantage of this exciting technology. The combination of

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WPF and Visual Studio 2008 represents the start of the next generation of Windows applications. Hand-coding XAML is fine if you're an early adopter, but to put WPF into production, you need to master the tools and application styles you'll use in your day job. WPF In Action focuses on WPF development using Visual Studio 2008 and other available tools.. The book starts with thorough coverage of the basics-layouts, styles, resources, and themes. It then takes you through several real-world scenarios, exploring common challenges and application-types. You'll build several sample applications, ranging from a simple

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calculator to a typical line-of-business application. Along the way, you'll add graphical elements, animation, and support for printing, accessibility, and other standard functionality. Written in a witty, engaging style, WPF In Action can be read cover-to-cover or used to reference specific problems and issues. The approach is practical and always focused on how you'll use WPF in real development scenarios. You'll learn how to handle the many new issues presented by the extreme flexibility of WPF. The authors also provide numerous tips and suggestions for how to work efficiently. Purchase of the print book comes with an offer

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of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Python Cookbook

With examples in F# and C#

IronPython in Action

Practical Programming for Total Beginners

The Iron Druid Chronicles

With Visual Studio 2010

During the time Mowgli was with the wolf pack, he is abducted by the Bandar-log monkeys to the ruined city. Baloo and Bagheera set out to rescue him with Kaa the python. Kaa defeats the Bandar-log, frees

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Mowgli, and hypnotises the monkeys and the other animals with his dance. Mowgli rescues Baloo and Bagheera from the spell. The Jungle Book (1894) is a collection of stories by English author Rudyard Kipling. The stories were first published in magazines in 1893-94. The original publications contain illustrations, some by Rudyard's father, John Lockwood Kipling. Kipling was born in India and spent the first six years of his childhood there. After about ten years in England, he went back to India and worked there for about six-and-a-half years. These stories were written when Kipling lived in Vermont. Famous stories of The Jungle Book Rudyard Kipling: Mowgli's

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Brothers, Kaa's Hunting, Tiger! Tiger!, The White Seal, Rikki-Tikki-Tavi, Toomai of the Elephants, Her Majesty's Servants.

IronPython represents a unique direction for developers interested in working with dynamic languages within the .NET Framework. Whether you're looking to develop applications from scratch or add functionality and maintainability to an existing application, IronPython opens many doors while providing a high-speed, high-performance language that integrates tightly with other .NET languages. Learn to create applications using the benefits of a dynamically typed language. Discover how to leverage

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the power of IronPython to improve existing applications. Explore interacting with other .NET languages by invoking the common language runtime. Thorough coverage of Microsoft's new dynamic programming language: IronPython IronPython is a powerful and vital part of any .NET developer's toolbox, and although it is several years old, very little literature exists on the topic. This essential resource fills that void and provides you with an in-depth understanding of IronPython. A brief introduction walks you through the installation, usage, and tools of IronPython and also explains what makes IronPython different from other programming languages.

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Coverage quickly moves on to explaining how to use and work with the IronPython language, and an in-depth look at its environment sheds light on how it can be stand alone or with the .NET Framework. You'll see how IronPython can be used to create either desktop or Web-based applications and you'll witness how it interacts with other existing technologies. In addition, coverage of advanced topics shares techniques for extending IronPython and making it a robust language. Provides you with an in-depth look at IronPython, how it is different from other programming languages, what it is capable of, and how to maximize its potential Explores how IronPython

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interacts with existing technologies and how it can perform administration tasks Answers popular questions, such as how to extend IronPython and make it a more robust language Tackles topics not addressed anywhere else, including executing IronPython using Mono You'll want to devour every topic covered in Professional IronPython so you can get started working with this powerful programming language today.

In 2005, Microsoft quietly announced an initiative to bring dynamic languages to the .NET platform. The starting point for this project was a .NET implementation of Python, dubbed IronPython. After a

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couple years of incubation, IronPython is ready for real-world use. It blends the simplicity, elegance, and dynamism of Python with the power of the .NET framework. IronPython in Action offers a comprehensive, hands-on introduction to Microsoft's exciting new approach for programming the .NET framework. It approaches IronPython as a first class .NET language, fully integrated with the .NET environment, Visual Studio, and even the open-source Mono implementation. You'll learn how IronPython can be embedded as a ready-made scripting language into C# and VB.NET programs, used for writing full applications or for web development with ASP. Even

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better, you'll see how IronPython works in Silverlight for client-side web programming. IronPython opens up exciting new possibilities. Because it's a dynamic language, it permits programming paradigms not easily available in VB and C#. In this book, authors Michael Foord and Christian Muirhead explore the world of functional programming, live introspection, dynamic typing and duck typing , metaprogramming, and more. IronPython in Action explores these topics with examples, making use of the Python interactive console to explore the .NET framework with live objects. The expert authors provide a complete introduction for programmers to both the Python

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language and the power of the .NET framework. The book also shows how to extend IronPython with C#, extending C# and VB.NET applications with Python, using IronPython with .NET 3.0 and Powershell, IronPython as a Windows scripting tool, and much more. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Things Fall Apart

Hounded

The Secrets to Manifesting the Life You Desire

Analyzing Text with the Natural Language Toolkit

Building enterprise-grade data analytics and

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visualization solutions, 2nd Edition

Machine Learning in Action

Practically and deeply understand
concurrency in Python to write
efficient programs About This Book
Build highly efficient, robust, and
concurrent applications Work through
practical examples that will help you
address the challenges of writing
concurrent code Improve the overall
speed of execution in multiprocessor
and multicore systems and keep them

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highly available Who This Book Is For
This book is for Python developers who would like to get started with concurrent programming. Readers are expected to have a working knowledge of the Python language, as this book will build on these fundamentals concepts. What You Will Learn Explore the concept of threading and multiprocessing in Python Understand concurrency with threads Manage exceptions in child threads Handle the hardest part in a

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concurrent system – shared resources
Build concurrent systems with
Communicating Sequential Processes
(CSP) Maintain all concurrent systems
and master them Apply reactive
programming to build concurrent systems
Use GPU to solve specific problems In
Detail Python is a very high level,
general purpose language that is
utilized heavily in fields such as data
science and research, as well as being
one of the top choices for general

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purpose programming for programmers around the world. It features a wide number of powerful, high and low-level libraries and frameworks that complement its delightful syntax and enable Python programmers to create. This book introduces some of the most popular libraries and frameworks and goes in-depth into how you can leverage these libraries for your own high-concurrent, highly-performant Python programs. We'll cover the fundamental

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concepts of concurrency needed to be able to write your own concurrent and parallel software systems in Python. The book will guide you down the path to mastering Python concurrency, giving you all the necessary hardware and theoretical knowledge. We'll cover concepts such as debugging and exception handling as well as some of the most popular libraries and frameworks that allow you to create event-driven and reactive systems. By

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the end of the book, you'll have learned the techniques to write incredibly efficient concurrent systems that follow best practices. Style and approach This easy-to-follow guide teaches you new practices and techniques to optimize your code, and then moves toward more advanced ways to effectively write efficient Python code. Small and simple practical examples will help you test the concepts yourself, and you will be able

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to easily adapt them for any application.

One of the BBC's '100 Novels That Shaped Our World' A worldwide bestseller and the first part of Achebe's African Trilogy, *Things Fall Apart* is the compelling story of one man's battle to protect his community against the forces of change Okonkwo is the greatest wrestler and warrior alive, and his fame spreads throughout West Africa like a bush-fire in the

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harmattan. But when he accidentally kills a clansman, things begin to fall apart. Then Okonkwo returns from exile to find missionaries and colonial governors have arrived in the village. With his world thrown radically off-balance he can only hurtle towards tragedy. First published in 1958, Chinua Achebe's stark, coolly ironic novel reshaped both African and world literature, and has sold over ten million copies in forty-five languages.

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This arresting parable of a proud but powerless man witnessing the ruin of his people begins Achebe's landmark trilogy of works chronicling the fate of one African community, continued in Arrow of God and No Longer at Ease.

'His courage and generosity are made manifest in the work' Toni Morrison

'The writer in whose company the prison walls fell down' Nelson Mandela 'A

great book, that bespeaks a great, brave, kind, human spirit' John Updike

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With an Introduction by Biyi Bandele
This book presents computer programming as a key method for solving mathematical problems. There are two versions of the book, one for MATLAB and one for Python. The book was inspired by the Springer book TCSE 6: A Primer on Scientific Programming with Python (by Langtangen), but the style is more accessible and concise, in keeping with the needs of engineering students. The book outlines the

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shortest possible path from no previous experience with programming to a set of skills that allows the students to write simple programs for solving common mathematical problems with numerical methods in engineering and science courses. The emphasis is on generic algorithms, clean design of programs, use of functions, and automatic tests for verification. This book offers a highly accessible introduction to natural language

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processing, the field that supports a variety of language technologies, from predictive text and email filtering to automatic summarization and translation. With it, you'll learn how to write Python programs that work with large collections of unstructured text. You'll access richly annotated datasets using a comprehensive range of linguistic data structures, and you'll understand the main algorithms for analyzing the content and structure of

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written communication. Packed with examples and exercises, Natural Language Processing with Python will help you: Extract information from unstructured text, either to guess the topic or identify "named entities" Analyze linguistic structure in text, including parsing and semantic analysis Access popular linguistic databases, including WordNet and treebanks Integrate techniques drawn from fields as diverse as linguistics and

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artificial intelligence This book will help you gain practical skills in natural language processing using the Python programming language and the Natural Language Toolkit (NLTK) open source library. If you're interested in developing web applications, analyzing multilingual news sources, or documenting endangered languages -- or if you're simply curious to have a programmer's perspective on how human language works -- you'll find Natural

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Language Processing with Python both fascinating and immensely useful.

C# 4.0 Unleashed

Iron Council

Learning Python

Python in a Nutshell

Kaa's Hunting (The First Jungle Book)

Learning Concurrency in Python

Level up with Tableau to build eye-catching, easy-to-interpret data visualizations. In this follow-up guide to Practical Tableau, author Ryan Sleeper

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takes you through a collection of unique tips and tutorials for using this popular software. Beginning to advanced Tableau users will learn how to go beyond Show Me to make better charts and learn dozens of tricks to improve both the author and user experience. Featuring many approaches he developed himself, Ryan shows you how to create charts that empower Tableau users to explore, understand, and derive value from their data. He also shares many of his favorite tricks that enabled him to become a Tableau Zen Master, Tableau

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Public Visualization of the Year author, and Tableau Global Iron Viz Champion. Learn what's new in Tableau since Practical Tableau was released Examine unique new charts—timelines, custom gauges, and leapfrog charts—plus innovations to traditional charts such as highlight tables, scatter plots, and maps Get tips that can help make a Tableau developer's life easier Understand what developers can do to make users' lives easier Create innovative informatics solutions

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with TIBCO Spotfire Key Features Get to grips with a variety of TIBCO Spotfire features to create professional applications Use different data and visualization techniques to build interactive analyses. Simplify BI processes and understand data analysis and visualization Book Description The need for agile business intelligence (BI) is growing daily, and TIBCO Spotfire® combines self-service features with essential enterprise governance and scaling capabilities to provide best-

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practice analytics solutions. Spotfire is easy and intuitive to use and is a rewarding environment for all BI users and analytics developers. Starting with data and visualization concepts, this book takes you on a journey through increasingly advanced topics to help you work toward becoming a professional analytics solution provider. Examples of analyzing real-world data are used to illustrate how to work with Spotfire. Once you've covered the AI-driven recommendations engine, you'll move on to

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understanding Spotfire's rich suite of visualizations and when, why and how you should use each of them. In later chapters, you'll work with location analytics, advanced analytics using TIBCO Enterprise Runtime for R®, how to decide whether to use in-database or in-memory analytics, and how to work with streaming (live) data in Spotfire. You'll also explore key product integrations that significantly enhance Spotfire's capabilities. This book will enable you to exploit the advantages of the Spotfire

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serve topology and learn how to make practical use of scheduling and routing rules. By the end of this book, you will have learned how to build and use powerful analytics dashboards and applications, perform spatial analytics, and be able to administer your Spotfire environment efficiently What you will learn Work with Spotfire on its web, Cloud, PC, Mac and mobile clients Deploy Spotfire's suite of visualization types effectively and intelligently Build user-friendly analytics frameworks and analytics

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applications Explore Spotfire's predictive analytics capabilities Use Spotfire's location analytics capabilities to create interactive spatial analyses Write IronPython scripts with the Spotfire API Learn the different ways Spotfire can be deployed and administered Who this book is for If you are a business intelligence or data professional, this book will give you a solid grounding in the use of TIBCO Spotfire. This book requires no prior knowledge of Spotfire or any basic data and visualization concepts.

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Proven Methods for Building Secure Java-Based Web Applications Develop, deploy, and maintain secure Java applications using the expert techniques and open source libraries described in this Oracle Press guide. *Iron-Clad Java* presents the processes required to build robust and secure applications from the start and explains how to eliminate existing security bugs. Best practices for authentication, access control, data protection, attack prevention, error handling, and much more are included.

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Using the practical advice and real-world examples provided in this authoritative resource, you'll gain valuable secure software engineering skills. Establish secure authentication and session management processes Implement a robust access control design for multi-tenant web applications Defend against cross-site scripting, cross-site request forgery, and clickjacking Protect sensitive data while it is stored or in transit Prevent SQL injection and other injection attacks Ensure safe file I/O and upload Use

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effective logging, error handling, and intrusion detection methods Follow a comprehensive secure software development lifecycle "In this book, Jim Manico and August Detlefsen tackle security education from a technical perspective and bring their wealth of industry knowledge and experience to application designers. A significant amount of thought was given to include the most useful and relevant security content for designers to defend their applications. This is not a book about security theories, it's the hard

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lessons learned from those who have been exploited, turned into actionable items for application designers, and condensed into print."—From the Foreword by Milton Smith, Oracle Senior Principal Security Product Manager, Java

Pilgrim is the code name for a world class and legendary secret agent. His adversary is known only as the Saracen. As a young boy, the Saracen saw his dissident father beheaded in a Saudi Arabian public square, creating a burning desire to destroy the special relationship between the US and

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the Kingdom. When a woman's body is found in a seedy hotel near Ground Zero, the techniques are pulled from a cult classic of forensic science that Pilgrim wrote under a pen name. In offering the NYPD assistance with the case, Pilgrim gets pulled back into the intelligence underground.

Iron-Clad Java

Civilian Slaughter

Introducing .NET 4.0

*Simple, Rapid, Effective, and Scalable
Python Tools for Visual Studio*

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Fahrenheit 451

The hauntingly prophetic classic novel set in a not-too-distant future where books are burned by a special task force of firemen.

****OVER A MILLION COPIES OF THE IRON DRUID BOOKS SOLD*** 'American Gods meets Jim Butcher's Harry Dresden' SFF World Book one in the New York Times bestselling Iron Druid Chronicles, the vastly popular contemporary fantasy series starring hero Atticus O'Sullivan - filled with mystery, magic and mayhem. Atticus O'Sullivan, last of the Druids, lives peacefully in Arizona, running an occult bookshop and shape-shifting in his spare time to hunt with his Irish wolfhound. His neighbors and customers think that this handsome, tattooed Irish dude is about twenty-one years old - when in actuality,*

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he's twenty-one centuries old. Not to mention: He draws his power from the earth, possesses a sharp wit, and wields an even sharper magical sword known as Fragarach, the Answerer. Unfortunately, a very angry Celtic god wants that sword, and he's hounded Atticus for centuries. Now the determined deity has tracked him down, and Atticus will need all his power - plus the help of a seductive goddess of death, his vampire and werewolf team of attorneys, a sexy bartender possessed by a Hindu witch, and some good old-fashioned luck of the Irish - to kick some Celtic arse and deliver himself from evil. Praise for the Iron Druid Chronicles: 'Entertaining, steeped in a ton of mythology, populated by awesome characters' Civilian Reader 'Atticus and his crew are a breath of fresh air! . . . I love, love, love this series' My Bookish Ways

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'This is one series no fantasy fan should miss. Mystery, suspense, magic and mayhem' SciFiChick The Iron Druid Chronicles Hounded Hexed Hammered Tricked Trapped Hunted Shattered Staked Scourged Besieged (short stories) HAVE YOU TRIED... Kevin Hearne's new adventure set in the world of the Iron Druid Chronicles, INK & SIGIL - described by Booklist as 'a new action-packed, enchantingly fun series' . . . Kevin Hearne's epic fantasy novel A PLAGUE OF GIANTS - described by Delilah S. Dawson as 'a rare masterpiece that's both current and timeless . . . merging the fantasy bones of Tolkien and Rothfuss with a wide cast of characters who'll break your heart'. Out now!

A risible struggle between love and subversion of the western genre, PIG IRON takes place in the desert town of Aqua Fría

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after the wells have run dry, where crazed townsfolk drink whiskey instead of water, priming their bodies, as well as their situation, for combustion. Myths are exploded, horses are treated with little respect, atheist preachers hurl Bible quotes without irony, and villains and heroes sweat booze as their time runs out. They have three days before they die of dehydration. Only three days to search for illusive treasure, right perceived wrongs, and battle murderous hallucinations. With a glossary of western terminology, real and imagined, this violent yarn is Deadwood meets A Clockwork Orange, with a shot of "wry."

Demonstrates the programming language's strength as a Web development tool, covering syntax, data types, built-ins, the Python standard module library, and real world examples.

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Life Made Easy

Ironpython In Action

The Jungle Book

I Am Pilgrim

100 Tips, Tutorials, and Strategies from a Tableau Zen Master

Practical Tableau