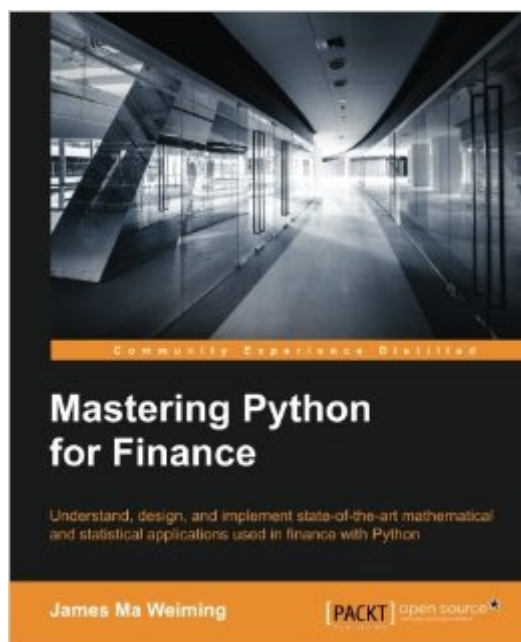


The book was found

# Mastering Python For Finance



## Synopsis

Understand, design, and implement state-of-the-art mathematical and statistical applications used in finance with Python About This Book Explore financial models used by the industry and ways of solving them with this guide Discover the various features that Python provides for scientific computing and harness them to enhance your financial applications Build state-of-the-art infrastructure for critical aspects such as modeling, trading, pricing, and analytics Who This Book Is For If you are an undergraduate or graduate student, a beginner to algorithmic development and research, or a software developer in the financial industry who is interested in using Python for quantitative methods in finance, this is the book for you. It would be helpful to have a bit of familiarity with basic Python usage, but no prior experience is required. What You Will Learn Perform interactive computing with IPython Notebook Solve linear equations of financial models and perform ordinary least squares regression Explore nonlinear modeling and solutions for optimum points using root-finding algorithms and solvers Discover different types of numerical procedures used in pricing options Model fixed-income instruments with bonds and interest rates Manage big data with NoSQL and perform analytics with Hadoop Build a high-frequency algorithmic trading platform with Python Create an event-driven backtesting tool and measure your strategies In Detail Built initially for scientific computing, Python quickly found its place in finance. Its flexibility and robustness can be easily incorporated into applications for mathematical studies, research, and software development. With this book, you will learn about all the tools you need to successfully perform research studies and modeling, improve your trading strategies, and effectively manage risks. You will explore the various tools and techniques used in solving complex problems commonly faced in finance. You will learn how to price financial instruments such as stocks, options, interest rate derivatives, and futures using computational methods. Also, you will learn how you can perform data analytics on market indexes and use NoSQL to store tick data.

## Book Information

Paperback: 292 pages

Publisher: Packt Publishing - ebooks Account (May 29, 2015)

Language: English

ISBN-10: 1784394513

ISBN-13: 978-1784394516

Product Dimensions: 7.5 x 0.8 x 9.2 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 stars [See all reviews](#) (2 customer reviews)

Best Sellers Rank: #741,690 in Books (See Top 100 in Books) #118 in [Books > Computers & Technology > Software > Personal Finance](#) #135 in [Books > Computers & Technology > Software > Accounting](#) #471 in [Books > Computers & Technology > Software > Mathematical & Statistical](#)

## Customer Reviews

Wow | good stuff. Mastering Python for Finance really delivers. It does a fine job blending academic theory with a practitioner's penchant for useful applications, delivering Python code all the way to guide the reader along his / her journey. I have not worked all of the examples yet, but I am looking forward to doing so especially the sections that use Hadoop & Python together.

The book introduces many new concepts, however after trying to make my way through the book, the code need an update, Starting at chapter 3 you will encounter numerous mistakes and omissions that cause the code to fail. Chapter 6 is rife with mistakes. Buy only if you have time to debug the code.

[Download to continue reading...](#)

Python: PYTHON CRASH COURSE - Beginner's Course To Learn The Basics Of Python Programming In 24 Hours!: (Python, Python Programming, Python for Dummies, Python for Beginners, python crash course) Python: Learn Python In A DAY! - The Ultimate Crash Course to Learning the Basics of Python In No Time (Python, Python Course, Python Development, Python Books, Python for Beginners) PYTHON: Python in 8 Hours, For Beginners, Learn Python Fast! A Smart Way to Learn Python, Plain & Simple, Learn Python Programming Language in Easy Steps, A Beginner's Guide, Start Coding Today! Python: Learn Web Scraping with Python In A DAY! - The Ultimate Crash Course to Learning the Basics of Web Scraping with Python In No Time (Web Scraping ... Python Books, Python for Beginners) Python: Learn Python FAST - The Ultimate Crash Course to Learning the Basics of the Python Programming Language In No Time (Python, Python Programming, ... (Learn Coding Fast with Hands-On Project 7) Programming #45: Python Programming Professional Made Easy & Android Programming In a Day! (Python Programming, Python Language, Python for beginners, ... Programming Languages, Android Programming) Python: Learn Python in One Day and Learn It Well. Python for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 1) Programming Raspberry Pi 3: Getting Started With Python (Programming Raspberry Pi 3, Raspberry Pi 3 User Guide, Python Programming,

Raspberry Pi 3 with Python Programming) Mastering Python for Finance Modeling Structured Finance Cash Flows with Microsoft Excel: A Step-by-Step Guide (Wiley Finance) Mastering Adoption Law and Policy (Mastering Series) (Carolina Academic Press Mastering) Python for Finance Big Data, MapReduce, Hadoop, and Spark with Python: Master Big Data Analytics and Data Wrangling with MapReduce Fundamentals using Hadoop, Spark, and Python Python : The Ultimate Python Quickstart Guide - From Beginner To Expert (Hands On Projects, Machine Learning, Learn Coding Fast, Learning code, Database) Hacking: Hacking Made Easy 1: Beginners: Python: Python Programming For Beginners, Computer Science, Computer Programming Python: Complete Crash Course for Becoming an Expert in Python Programming (2nd Edition) Mobile Apps: Python and HTML: Programming Guide: Learn In A Day (Python, Swift, HTML, Apps) Programming Google App Engine with Python: Build and Run Scalable Python Apps on Google's Infrastructure Python Data Analytics: Data Analysis and Science using pandas, matplotlib and the Python Programming Language Black Hat Python: Python Programming for Hackers and Pentesters

[Dmca](#)