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Excel Basics to BlackbeltEssentials of Cloud ComputingOperational Risk with Excel
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Programming with VBA Permanent Magnet Synchronous Machines Excel 2007 VBA Programmer's Reference Excel VBA Visual Basic 6 For Dummies

Excel Basics to Blackbelt

Cloud computing-accessing computing resources over the Internet-is rapidly changing the landscape of information technology. Its primary benefits compared to on-premise computing models are reduced costs and increased agility and scalability. Hence, cloud computing is receiving considerable interest among several stakeholders-businesses, the IT ind

Essentials of Cloud Computing

Learn to fully harness the power of Microsoft Excel(r) to perform scientific and engineering calculations With this text as your guide, you can significantly enhance Microsoft Excel's(r) capabilities to execute the calculations needed to solve a variety of chemical, biochemical, physical, engineering, biological, and medicinal problems. The text begins with two chapters that introduce you to Excel's Visual Basic for Applications (VBA) programming language, which allows you to expand Excel's(r) capabilities, although you can still use the text without learning VBA. Following the author's step-by-step instructions, here are just a few of the

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calculations you learn to perform: * Use worksheet functions to work with matrices * Find roots of equations and solve systems of simultaneous equations * Solve ordinary differential equations and partial differential equations * Perform linear and non-linear regression * Use random numbers and the Monte Carlo method This text is loaded with examples ranging from very basic to highly sophisticated solutions. More than 100 end-of-chapter problems help you test and put your knowledge to practice solving real-world problems. Answers and explanatory notes for most of the problems are provided in an appendix. The CD-ROM that accompanies this text provides several useful features: * All the spreadsheets, charts, and VBA code needed to perform the examples from the text * Solutions to most of the end-of-chapter problems * An add-in workbook with more than twenty custom functions This text does not require any background in programming, so it is suitable for both undergraduate and graduate courses. Moreover, practitioners in science and engineering will find that this guide saves hours of time by enabling them to perform most of their calculations with one familiar spreadsheet package.

Operational Risk with Excel and VBA

Maximize your Excel experience with VBA Excel 2016 Power Programming with VBA is fully updated to cover all the latest tools and tricks of Excel 2016. Encompassing an analysis of Excel application development and a complete introduction to Visual Basic for Applications (VBA), this comprehensive book

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presents all of the techniques you need to develop both large and small Excel applications. Over 800 pages of tips, tricks, and best practices shed light on key topics, such as the Excel interface, file formats, enhanced interactivity with other Office applications, and improved collaboration features. In addition to the procedures, tips, and ideas that will expand your capabilities, this resource provides you with access to over 100 online example Excel workbooks and the Power Utility Pak, found on the Mr. Spreadsheet website. Understanding how to leverage VBA to improve your Excel programming skills can enhance the quality of deliverables that you produce—and can help you take your career to the next level. Explore fully updated content that offers comprehensive coverage through over 900 pages of tips, tricks, and techniques Leverage templates and worksheets that put your new knowledge in action, and reinforce the skills introduced in the text Access online resources, including the Power Utility Pak, that supplement the content Improve your capabilities regarding Excel programming with VBA, unlocking more of your potential in the office Excel 2016 Power Programming with VBA is a fundamental resource for intermediate to advanced users who want to polish their skills regarding spreadsheet applications using VBA.

The Art of Game Design

The Nobel Prize-winning Father of Modern Portfolio Theory returns with new insights on his classic work to help you build a lasting portfolio today

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Contemporary investing as we know it would not exist without these two words: “Portfolio selection.” Though it may not seem revolutionary today, the concept of examining and purchasing many diverse stocks—creating a portfolio—changed the face of finance when Harry M. Markowitz devised the idea in 1952. In the past six decades, Markowitz has risen to international acclaim as the father of Modern Portfolio Theory (MPT), with his evaluation of the impact of asset risk, diversification, and correlation in the risk-return tradeoff. In defending the idea that portfolio risk was essential to strategic asset growth, he showed the world how to invest for the long-run in the face of any economy. In *Risk Return Analysis*, this groundbreaking four-book series, the legendary economist and Nobel Laureate returns to revisit his masterpiece theory, discuss its developments, and prove its vitality in the ever-changing global economy. Volume 2 picks up where the first volume left off, with Markowitz’s personal reflections and current strategies. In this volume, Markowitz focuses on the relationship between single-period choices—now—and longer run goals. He discusses dynamic systems and models, the asset allocation “glide-path,” inter-generational investment needs, and financial decision support systems. Written with both the academic and the practitioner in mind, this richly illustrated volume provides investors, economists, and financial advisors with a refined look at MPT, highlighting the rational decision-making and probability beliefs that are essential to creating and maintaining a successful portfolio today.

VBA and Macros

Windows 10 User Guide and Manual! In "Windows 10 User Guide and Manual: Microsoft Windows 10 for Beginners," you will learn how to install Windows 10, circumnavigate your way through the user interface and new web browser Edge, and familiarize yourself with the new features Windows 10 has to offer including all of it's functionalities. With "Windows 10 User Guide and Manual: Microsoft Windows 10 for Beginners," you will discover whether you are eligible for a FREE upgrade to Windows 10 and if so, how you can access it. You will also learn how to change and customize your desktop settings to suit "your" own unique preferences, learn who Cortana is and what it's capabilities are and furthermore, "Microsoft Windows 10 for Beginners" will teach you how to: Determine if your PC Satisfies the System Requirements Required for Windows 10 Perform a Clean Install or Upgrade to Windows 10 Comfortably Navigate the User Interface and Desktop Ensure your PC and Accounts are Safe with Security, Parental Control, and Anti-Virus Measures Use Keyboard Shortcuts Like a Pro Keep Your Personal Data and Sensitive Files from Older Versions of Microsoft Windows Communicate with Cortana Effectively Be Technology Savvy With More Information, Tips, and Tricks Shared Inside! ****FREE BONUS INSIDE - 25 Windows 10 Keyboard Shortcuts**** What are you waiting for? Stop clicking around mindlessly! You don't need Bill Gates' glasses to be a pro at Windows 10! SCROLL up and 'Buy this Book NOW!'

Guerilla Data Analysis Using Microsoft Excel

Windows 10

Anyone can master the fundamentals of game design - no technological expertise is necessary. The Art of Game Design: A Book of Lenses shows that the same basic principles of psychology that work for board games, card games and athletic games also are the keys to making top-quality videogames. Good game design happens when you view your game from many different perspectives, or lenses. While touring through the unusual territory that is game design, this book gives the reader one hundred of these lenses - one hundred sets of insightful questions to ask yourself that will help make your game better. These lenses are gathered from fields as diverse as psychology, architecture, music, visual design, film, software engineering, theme park design, mathematics, writing, puzzle design, and anthropology. Anyone who reads this book will be inspired to become a better game designer - and will understand how to do it.

Professional Excel Development

Investment Banking, Second Edition + Valuation Models Download includes world-

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class valuation and transaction models to complement the global best-selling guide in investment banking Five valuation model templates along with completed versions are accessible for purchase and use - downloadable in electronic format on the book's website, www.wiley.com/go/investmentbanking2e. Each model comes complete with a user's guide. The models include: Comparable Companies Analysis Precedent Transactions Analysis Discounted Cash Flow Analysis Leveraged Buyout Analysis NEW! M&A Model Investment Banking: Valuation, Leveraged Buyouts, and Mergers & Acquisitions, Second Edition + Valuation Models Download is highly accessible focusing on the primary valuation methodologies currently used on Wall Street - comparable companies, precedent transactions, DCF, and LBO analysis, as well as M&A analysis. These methodologies are used to determine valuation for public and private companies within the context of M&A transactions, LBOs, IPOs, restructurings, and investment decisions. Using a step-by-step how-to approach for each methodology, the authors build a chronological knowledge base and define key terms, financial concepts, and processes throughout the book. They also provide a comprehensive overview of the fundamentals of LBOs and an organized M&A sale process, as well as merger consequences analysis. In the aftermath of the subprime mortgage crisis and ensuing credit crunch, the world of finance is returning to the fundamentals of valuation and critical due diligence for M&A, capital markets, and investment opportunities. This involves the use of more realistic assumptions governing approach to risk as well as a wide range of value drivers. While valuation has always involved a great deal of "art" in addition to

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time-tested "science," the artistry is perpetually evolving in accordance with market developments and conditions. As a result, Rosenbaum and Pearl have updated the widely adopted first edition of their book with respect to both technical valuation fundamentals as well as practical judgment skills and perspective. The authors have also added a comprehensive and highly technical chapter on buy-side M&A analysis. Furthermore, the authors address the importance of rigorous analysis based on trusted and attributable data sources. In this book, they highlight several datasets and investment banking tools from Bloomberg, a leading provider of business and financial data, news, research, and analytics.

The Sustainable City IX

This second edition of Excel Basics to Blackbelt capitalizes on the success of the first edition and leverages some of the advancements in visualization, data analysis, and sharing capabilities that have emerged over the past five years. As with the original text, the second edition is intended to serve as an accelerated guide to decision support designs for consultants and service professionals. This 'fast track' enables a ramping up of skills in Excel for those who may have never used it to reach a level of mastery that will allow them to integrate Excel with widely available associated applications, make use of intelligent data visualization and analysis techniques, automate activity through basic VBA designs, and

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develop easy-to-use interfaces for customizing use. In other words, this book provides users with lessons and examples on integrative Excel use that are not available from alternative texts.

Transforming Health Care Leadership

Interest in permanent magnet synchronous machines (PMSMs) is continuously increasing worldwide, especially with the increased use of renewable energy and the electrification of transports. This book contains the successful submissions of fifteen papers to a Special Issue of Energies on the subject area of “Permanent Magnet Synchronous Machines”. The focus is on permanent magnet synchronous machines and the electrical systems they are connected to. The presented work represents a wide range of areas. Studies of control systems, both for permanent magnet synchronous machines and for brushless DC motors, are presented and experimentally verified. Design studies of generators for wind power, wave power and hydro power are presented. Finite element method simulations and analytical design methods are used. The presented studies represent several of the different research fields on permanent magnet machines and electric drives.

Outlook 2013 Absolute Beginner's Guide

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This book includes step-by-step examples and case studies that teach users the many power tricks for analyzing data in Excel. These are tips honed by Bill Jelen, “MrExcel,” and Oz do Soleil during their careers run as a financial analyst charged with taking mainframe data and turning it into useful information quickly. Topics include data quality, validation, perfectly sorting with one click every time, matching lists of data, data consolidation, data subtotals, pivot tables, pivot charts, tables and much more.

Practical Numerical Methods for Chemical Engineers

Accessible VBA coding for complex financial modelling How to Implement Market Models Using VBA makes solving complex valuation issues accessible to any financial professional with a taste for mathematics. With a focus on the clarity of code, this practical introductory guide includes chapters on VBA fundamentals and essential mathematical techniques, helping readers master the numerical methods to build an algorithm that can be used in a wide range of pricing problems. Coverage includes general algorithms, vanilla instruments, multi-asset instruments, yield curve models, interest rate exotics, and more, guiding readers thoroughly through pricing in the capital markets area. The companion website (<http://implementmodinvba.com/>) features additional VBA code and algorithmic techniques, and the interactive blog provides a forum for discussion of code with programmers and financial engineers, giving readers insight into the different

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applications and customisations possible for even more advanced problem solving.. Financial engineers implement models from a mathematical representation of an asset's performance by building a program that performs a valuation of securities based on this asset. How to Implement Market Models Using VBA makes this technical process understandable, with well-explained algorithms, VBA code, and accessible theoretical explanations. Decide which numerical method to use in which scenario Identify the necessary building blocks of an algorithm Write clear, functional VBA code for a variety of problems Apply algorithms to different instruments and models Designed for finance professionals, this book brings more accurate modelling within reach for anyone with interest in the market. For clearer code, patient explanation, and practical instruction, How to Implement Market Models Using VBA is an essential introductory guide.

Hedge Fund Modelling and Analysis Using Excel and VBA

Create your own custom Visual Basic programs fast for Windows 95, Windows 98, and Windows NT! If you want to develop business applications for Windows, then Microsoft's Visual Basic 6 programming environment is for you. With its powerful and friendly object-oriented interface, Visual Basic 6 is the ideal tool for creating easy-to-use and attractive interfaces of your own. Whether you want to build original programs from the ground up or take advantage of existing wizards, Visual Basic 6 For Dummies will help you design and debug your work - and accomplish

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all your goals! Covers using Visual Basic 6 with Windows 95, Windows 98, and Windows NT Walks you through the ins and outs of object-oriented programming in Visual Basic and using the Visual Basic toolset Shows you how to make use of menus and submenus, write subprograms that everyone can share, save and retrieve information in databases, integrate ActiveX controls into your applications, and build attractive user interfaces with buttons, boxes, and scroll bars From the fundamentals of writing BASIC code to the thrill of distributing your very own custom applications, Visual Basic 6 For Dummies brings a fresh perspective to programming in Visual Basic 6 that everyone can understand.

Financial Modelling in Python

Catia V5-6R2015 Basics

Co-authored by two respected authorities on hedge funds and asset management, this implementation-oriented guide shows you how to employ a range of the most commonly used analysis tools and techniques both in industry and academia, for understanding, identifying and managing risk as well as for quantifying return factors across several key investment strategies. The book is also suitable for use as a core textbook for specialised graduate level courses in hedge funds and

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alternative investments. The book provides hands-on coverage of the visual and theoretical methods for measuring and modelling hedge fund performance with an emphasis on risk-adjusted performance metrics and techniques. A range of sophisticated risk analysis models and risk management strategies are also described in detail. Throughout, coverage is supplemented with helpful skill building exercises and worked examples in Excel and VBA. The book's dedicated website, www.darbyshirehampton.com provides Excel spreadsheets and VBA source code which can be freely downloaded and also features links to other relevant and useful resources. A comprehensive course in hedge fund modelling and analysis, this book arms you with the knowledge and tools required to effectively manage your risks and to optimise the return profile of your investment style.

Investment Banking

"Fletcher and Gardner have created a comprehensive resource that will be of interest not only to those working in the field of finance, but also to those using numerical methods in other fields such as engineering, physics, and actuarial mathematics. By showing how to combine the high-level elegance, accessibility, and flexibility of Python, with the low-level computational efficiency of C++, in the context of interesting financial modeling problems, they have provided an implementation template which will be useful to others seeking to jointly optimize

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the use of computational and human resources. They document all the necessary technical details required in order to make external numerical libraries available from within Python, and they contribute a useful library of their own, which will significantly reduce the start-up costs involved in building financial models. This book is a must read for all those with a need to apply numerical methods in the valuation of financial claims." -David Louton, Professor of Finance, Bryant University This book is directed at both industry practitioners and students interested in designing a pricing and risk management framework for financial derivatives using the Python programming language. It is a practical book complete with working, tested code that guides the reader through the process of building a flexible, extensible pricing framework in Python. The pricing frameworks' loosely coupled fundamental components have been designed to facilitate the quick development of new models. Concrete applications to real-world pricing problems are also provided. Topics are introduced gradually, each building on the last. They include basic mathematical algorithms, common algorithms from numerical analysis, trade, market and event data model representations, lattice and simulation based pricing, and model development. The mathematics presented is kept simple and to the point. The book also provides a host of information on practical technical topics such as C++/Python hybrid development (embedding and extending) and techniques for integrating Python based programs with Microsoft Excel.

A Course in Derivative Securities

"Today, no accomplished Excel programmer can afford to be without John's book. The value of Excel 2003 Power Programming with VBA is double most other books--simultaneously the premier reference and best learning tool for Excel VBA." --Loren Abdulezer, Author of Excel Best Practices for Business Everything you need to know about: * Creating stellar UserForms and custom dialog box alternatives * Working with VBA subprocedures and function procedures * Incorporating event-handling and interactions with other applications * Building user-friendly toolbars, menus, and help systems * Manipulating files and Visual Basic components * Understanding class modules * Managing compatibility issues Feel the power of VBA and Excel No one can uncover Excel's hidden capabilities like "Mr. Spreadsheet" himself. John Walkenbach begins this power user's guide with a conceptual overview, an analysis of Excel application development, and a complete introduction to VBA. Then, he shows you how to customize Excel UserForms, develop new utilities, use VBA with charts and pivot tables, create event-handling applications, and much more. If you're fairly new to Excel programming, here's the foundation you need. If you're already a VBA veteran, you can start mining a rich lode of programming ideas right away. CD-ROM Includes * Trial version of the author's award-winning Power Utility Pak * Over one hundred example Excel workbooks from the book System Requirements: PC running Windows 2000 SP3 or later, or Windows XP(TM) or later. Microsoft Excel 2003. See

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the "What's on the CD" Appendix for details and complete system requirements.

Forthcoming Books

From real to artificial ants - The ant colony optimization metaheuristic - Ant colony optimization algorithms for the traveling salesman problem - Ant colony optimization theory - Ant colony optimization for NP-Hard problems - AntNet : an ACO algorithm for data network routing - Conclusions and prospects for the future.

Ant Colony Optimization

This book is the full three volumes of the successful, and well-reviewed, e-book series of the same name, re-published for print. This book introduces the Windows command line, or "cmd line," and batch script with a practical step-by-step approach. It starts with simple examples, explanations and exercises. As the book progresses, it guides the reader through using new commands as well as the techniques to combine them into effective batch scripts. Examples, explanations, and exercises (with answers) are provided throughout. While this book is in a course format, the sections on each command are designed to be independent of each other, allowing the reader to skip ahead and try out examples for a later command if, for example, they already know how to use an earlier one. Look

inside!

Advanced Hydroinformatic Techniques for the Simulation and Analysis of Water Supply and Distribution Systems

EXCEL 2016 PREDICTIVE ANALYTICS FOR SERIOUS DATA CRUNCHERS! Now, you can apply cutting-edge predictive analytics techniques to help your business win—and you don't need multimillion-dollar software to do it. All the tools you need are available in Microsoft Excel 2016, and all the knowledge and skills are right here, in this book! Microsoft Excel MVP Conrad Carlberg shows you how to use Excel predictive analytics to solve real problems in areas ranging from sales and marketing to operations. Carlberg offers unprecedented insight into building powerful, credible, and reliable forecasts, helping you gain deep insights from Excel that would be difficult to uncover with costly tools such as SAS or SPSS. Fully updated for Excel 2016, this guide contains valuable new coverage of accounting for seasonality and managing complex consumer choice scenarios. Throughout, Carlberg provides downloadable Excel 2016 workbooks you can easily adapt to your own needs, plus VBA code—much of it open-source—to streamline especially complex techniques. Step by step, you'll build on Excel skills you already have, learning advanced techniques that can help you increase revenue, reduce costs, and improve productivity. By mastering predictive analytics, you'll gain a powerful

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competitive advantage for your company and yourself. Learn the “how” and “why” of using data to make better decisions, and choose the right technique for each problem Capture live real-time data from diverse sources, including third-party websites Use logistic regression to predict behaviors such as “will buy” versus “won’t buy” Distinguish random data bounces from real, fundamental changes Forecast time series with smoothing and regression Account for trends and seasonality via Holt-Winters smoothing Prevent trends from running out of control over long time horizons Construct more accurate predictions by using Solver Manage large numbers of variables and unwieldy datasets with principal components analysis and Varimax factor rotation Apply ARIMA (Box-Jenkins) techniques to build better forecasts and clarify their meaning Handle complex consumer choice problems with advanced logistic regression Benchmark Excel results against R results

Learn Command Line and Batch Script Fast

CATIA V5-6R2015 Basics introduces you to the CATIA V5 user interface, basic tools and modeling techniques. It gives users a strong foundation of CATIA V5 and covers the creation of parts, assemblies, drawings, sheetmetal parts, and complex shapes. This textbook helps you to know the use of various tools and commands of CATIA V5 as well as learn the design techniques. Every topic of this textbook starts with a brief explanation followed by a step by step procedure. In addition to that,

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there are tutorials, exercises, and self-test questionnaires at the end of each chapter. These ensure that the user gains practical knowledge of each chapter before moving on to more advanced chapters. Table of Contents 1. Getting Started with CATIA V5-6R2015 2. Sketcher Workbench 3. Basic Sketch Based Features 4. Holes and Dress-Up Features 5. Patterned Geometry 6. Rib Features 7. Multi Section Solids 8. Additional Features and Multibody Parts 9. Modifying Parts 10. Assemblies 11. Drawings 12. Sheet Metal Design 13. Surface Design

The British National Bibliography

The Betfair exchange, coupled with its API, permits a suitably skilled trader to code complex trading applications, which would not look out of place in the financial markets. This book offers a sports trader the chance to build their own trading applications, regardless of their programming ability. Each chapter of Programming for Betfair contains snippets of code that combine to create a complete trading application. The application is geared towards horse racing but can easily be adapted to other sports on Betfair's exchange. Using Microsoft's Visual Studio (downloadable for free) the reader is shown how to code an application that will gather prices for any market on Betfair's exchange and then place bets into that market. The reader is shown how to automate their trading so that they can remove emotion from their trades and scale up their trading for increased profits. Further development of the application permits it to save data from Betfair onto

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the reader's hard drive for offline analysis and visualisation in a spreadsheet for the purpose of building trading algorithms. Also covered is an enhancement of Betfair's charts so that charts can be automatically updated and compared. The final chapter of the book discusses ideas for taking the application and the reader's skills to the next level. Topics discussed include constructing your own trading indicators, volume analysis, trend following, arbitrage, low-latency trading and many more.

Predictive Analytics

Containing the proceedings of the 9th International Conference on Urban Regeneration and Sustainability this book addresses the multi-disciplinary aspects of urban planning; a result of the increasing size of cities; the amount of resources and services required and the complexity of modern society. Most of earth's population now lives in cities and the process of urbanisation still continues generating many problems deriving from the drift of the population towards them. These problems can be resolved by cities becoming efficient habitats, saving resources in a way that improves the quality and standard of living. The process however, faces a number of major challenges, related to reducing pollution, improving main transportation and infrastructure systems. New urban solutions are required to optimise the use of space and energy resources leading to improvements in the environment, i.e. reduction in air, water and soil pollution as

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well as efficient ways to deal with waste generation. These challenges contribute to the development of social and economic imbalances and require the development of new solutions. Large cities are probably the most complex mechanisms to manage. However, despite such complexity they represent a fertile ground for architects, engineers, city planners, social and political scientists, and other professionals able to conceive new ideas and time them according to technological advances and human requirements. The challenge of planning sustainable cities lies in considering their dynamics, the exchange of energy and matter, and the function and maintenance of ordered structures directly or indirectly, supplied and maintained by natural systems. Topics covered include: Urban strategies; Planning, development and management; Urban conservation and regeneration; The community and the city; Eco-town planning; Landscape planning and design; Environmental management; Sustainable energy and the city; Transportation; Quality of life; Waterfront development; Case studies; Architectural issues; Cultural heritage issues; Intelligent environment and emerging technologies; Planning for risk; Disaster and emergency response; Safety and security; Waste management; Infrastructure and society; Urban metabolism.

How to Implement Market Models Using VBA

"Professional Financial Computing Using Excel and VBA is an admirable exposition that bridges the theoretical underpinnings of financial engineering and its

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application which usually appears as a "black-box" software application. The book opens the black-box and reveals the architecture of risk-modeling and financial engineering based on industry-standard stochastic models by utilizing Excel and VBA functionality to create a robust and practical modeling tool-kit. Financial engineering professionals who purchase this book will have a jumpstart advantage for their customized financial engineering and modeling needs." Dr. Cameron Wicentowich Vice President, Treasury Analytics Canadian Imperial Bank of Commerce (CIBC) "Spreadsheet modeling for finance has become a standard course in the curriculum of many Quantitative Finance programs since the Excel-based Visual Basic programming is now widely used in constructing optimal portfolios, pricing structured products and managing risks. Professional Financial Computing Using Excel and VBA is written by a unique team of finance, physics and computer academics and practitioners. It is a good reference for those who are studying for a Masters degree in Financial Engineering and Risk Management. It can also be useful for financial engineers to jump-start a project on designing structured products, modeling interest term structure or credit risks." Dr. Jin Zhang Director of Master of Finance Program and Associate Professor The University of Hong Kong "Excel has been one of the most powerful tools for financial planning and computing over the last few years. Most users utilize a fraction of its capabilities. One of the reasons is the limited availability of books that cover the advanced features of Excel for Finance. Professional Financial Computing Using Excel and VBA goes the extra mile and deals with the Excel tools many

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professionals call for. This book is a must for professionals or students dealing with financial engineering, financial risk management, computational finance or mathematical finance. I loved the way the authors covered the material using real life, hands-on examples." Dr. Isaac Gottlieb Temple University Author, Next Generation Excel: Modeling in Excel for Analysts and MBAs

Murder at Mar a Lago

Goblins are the weakest of the monsters, with only numbers in their favor. No warrior would dedicate himself to their eradication--except for Goblin Slayer. As his reputation spreads, a quest comes from none other than the Supreme God's own archbishop--Sword Maiden, the Gold-ranked adventurer renowned for defeating a Demon Lord. The former hero brings a report of goblins beneath the flourishing, peaceful water town, followed by a plea for Goblin Slayer and his companions to investigate, since no one else will. Searching the catacombs beneath the town, though, the party discovers that the trouble runs far deeper than any of them realized. How are all these goblins entering the city? And why is Sword Maiden so desperate?

Proceedings of the 3rd International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA) 2014

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The world's most popular spreadsheet program is now more powerful than ever, but it's also more complex. That's where this Missing Manual comes in. With crystal-clear explanations and hands-on examples, Excel 2013: The Missing Manual shows you how to master Excel so you can easily track, analyze, and chart your data. You'll be using new features like PowerPivot and Flash Fill in no time. The important stuff you need to know: Go from novice to ace. Learn how to analyze your data, from writing your first formula to charting your results. Illustrate trends. Discover the clearest way to present your data using Excel's new Quick Analysis feature. Broaden your analysis. Use pivot tables, slicers, and timelines to examine your data from different perspectives. Import data. Pull data from a variety of sources, including website data feeds and corporate databases. Work from the Web. Launch and manage your workbooks on the road, using the new Excel Web App. Share your worksheets. Store Excel files on SkyDrive and collaborate with colleagues on Facebook, Twitter, and LinkedIn. Master the new data model. Use PowerPivot to work with millions of rows of data. Make calculations. Review financial data, use math and scientific formulas, and perform statistical analyses.

R Through Excel

Microsoft Excel has, over the years, become the greatest software in the field of electronic worksheets. Its strength is that it meets the demands of huge numbers of users worldwide. Nonetheless - despite the advancement and expanding use of

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this software - there is ever-increasing demand from the end users; much of which can only be solved by VBA programming (Visual Basic for Applications). Therefore, "Excel VBA - In Everyday Language" was written in order to provide a response to the growing demand for the advanced capabilities of Microsoft Excel. This book was written:

- * For the "non-programmers" among us who have to create the same reports in Microsoft Excel time and again, and would like to automate the process.
- * For people who wish to develop forms, screens and "machines" for data management within their organization.
- * For individuals who wish to turn Microsoft Excel into a powerful tool in their daily work.

During the writing process I tried to visualize Microsoft Excel software and the VB editor through the eyes of the end users; people who may not have programming background, but aspire to reap the utmost from the program. For this reason the book, based on many years' of experience in programming and training, has been written in everyday language, using as few technical terms as possible, to make for easy reading. My goal, when writing this book, was to convey the main principles of VBA language and allow beginners, taking their first steps, to learn without requiring individual training. For this purpose there are files of exercises accompanying the book. These may be downloaded from this link. The exercise files are in .xls format, allowing the end users to use either the "Ribbon Versions" (2007 and higher) or other older versions of Microsoft Excel. This new edition has undergone extensive processing and addresses Microsoft Excel 2010/2013 users, along with explanations for anyone using the older versions (2003 and 2007). Therefore, wherever there is a

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significant difference between Excel 2010/2013 and the old versions, explanations are provided in full. While reading the book and using the practice files, you will know to:

- * Add the Developer Tab
- * Change Excel's security, Including trusted locations
- * Enter the VBE (Visual Basic Editor)
- * Change the VBE structure
- * Record an absolute macro
- * Record a relative macro
- * Improve your recorded macro
- * Apply to ranges (Cells, ranges, columns, rows, sheets, offset)
- * Use Variables
- * Use the 'With' command
- * Manipulate strings
- * Calculate Date and Time
- * Interact with the user (Msgbox and Inputbox)
- * Use conditions (IF)
- * Loop through data (Do loops, For loops)
- * Create your own functions (UDF)
- * Create an Event macro
- * Handle Errors

You will also learn some cool tips and tricks, and get some useful codes

Excel 2016 Power Programming with VBA

Use Excel 2010 VBA and macros to automate virtually any routine task, and save yourself hours, days, maybe even weeks. Then learn how to make Excel do things you thought were simply impossible! This book reveals scripting techniques you won't find anywhere else and shows you how to create automated reports that are amazingly powerful and useful. It helps you instantly visualize information so you can understand and act on it. It also shows you how to capture data from anywhere and use it anywhere, and helps you automate Excel 2010's most powerful new features Learning advanced Excel scripting has never been easier

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You'll find simple, step-by-step instructions, real-world examples and case studies, and 50 workbooks packed with bonus examples, macros, and solutions, straight from MrExcel. About MrExcel Library: Every book in the MrExcel Library pinpoints a specific set of crucial Excel tasks and presents focused skills and examples for performing them rapidly and effectively. Selected by Bill Jelen, Microsoft Excel MVP and mastermind behind the leading Excel solutions website MrExcel.com, these books will

Professional Financial Computing Using Excel and VBA

A guide to the development aspects of Excel covers such topics as building add-ins, creating custom charts, using class modules, handling errors, controlling external applications, and programming with databases.

Excel 2013: The Missing Manual

This book is aimed squarely at Excel users who want to harness the power of the VBA language in their Excel applications. At all times, the VBA language is presented in the context of Excel, not just as a general application programming language. The Primer has been written for those who are new to VBA programming and the Excel object model. It introduces the VBA language and the features of the

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language that are common to allVBA applications. It explains the relationship between collections,objects, properties, methods, and events and shows how to relatethese concepts to Excel through its object model. It also shows howto use the Visual Basic Editor and its multitude of tools,including how to obtain help. The middle section of the book takes the key objects in Exceland shows, through many practical examples, how to go about workingwith those objects. The techniques presented have been developedthrough the exchange of ideas of many talented Excel VBaprogrammers over many years and show the best way to gain access toworkbooks, worksheets, charts, ranges, and so on. The emphasis is on efficiency—that is, how to write code that is readable andeasy to maintain and that runs at maximum speed. In addition, thechapters devoted to accessing external databases detail techniquesfor accessing data in a range of formats. The final four chapters of the book address the followingadvanced issues: linking Excel to the Internet, writing code forinternational compatibility, programming the Visual Basic Editor,and how to use the functions in the Win32 API (Windows 32-bitApplication Programming Interface).

Risk-Return Analysis, Volume 2: The Theory and Practice of Rational Investing

In this book, the authors build on RExcel, a free add-in for Excel that can be

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downloaded from the R distribution network. RExcel seamlessly integrates the entire set of R's statistical and graphical methods into Excel, allowing students to focus on statistical methods and concepts and minimizing the distraction of learning a new programming language.

Goblin Slayer, Vol. 2 (light novel)

This book is a printed edition of the Special Issue "Advanced Hydroinformatic Techniques for the Simulation and Analysis of Water Supply and Distribution Systems" that was published in Water

Programming for Betfair

This volume contains 95 papers presented at FICTA 2014: Third International Conference on Frontiers in Intelligent Computing: Theory and Applications. The conference was held during 14-15, November, 2014 at Bhubaneswar, Odisha, India. This volume contains papers mainly focused on Data Warehousing and Mining, Machine Learning, Mobile and Ubiquitous Computing, AI, E-commerce & Distributed Computing and Soft Computing, Evolutionary Computing, Bio-inspired Computing and its Applications.

Option Pricing Models and Volatility Using Excel-VBA

"Deals with pricing and hedging financial derivatives. Computational methods are introduced and the text contains the Excel VBA routines corresponding to the formulas and procedures described in the book. This is valuable since computer simulation can help readers understand the theory. The book succeeds in presenting intuitively advanced derivative modelling it provides a useful bridge between introductory books and the more advanced literature." --MATHEMATICAL REVIEWS

Excel for Scientists and Engineers

Within a month of buying a Palm Beach condo, Audrey and Nate Stevens meet the eccentric millionaire Vincent Xaveir Houten. Their friendship lasts fifteen years but is brought to an abrupt halt when Vincent is murdered by a point-blank gunshot to the head. Being the last to see the victim alive always makes you the first suspect. That's the case for the Stevens until they convince police they'd never commit such a gruesome act. Once they're cleared, their relationship with Vincent turns them into trusted advisors as a Palm Beach detective searches frantically for a lead. The investigation heads to Kansas City, Missouri, where Nate organizes funeral services for Vincent. Motives of greed and jealousy emerge as suspects visit the funeral, and a Kansas City detective joins the search for clues. Finding the

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suspects, though, is the easy part. There's more to the story, and that's what keeps the Stevens scratching their heads. If this is a murder of opportunity, who has the most to gain?

Excel 2003 Power Programming with VBA

A valuable reference for understanding operational risk Operational Risk with Excel and VBA is a practical guide that only discusses statistical methods that have been shown to work in an operational risk management context. It brings together a wide variety of statistical methods and models that have proven their worth, and contains a concise treatment of the topic. This book provides readers with clear explanations, relevant information, and comprehensive examples of statistical methods for operational risk management in the real world. Nigel Da Costa Lewis (Stamford, CT) is president and CEO of StatMetrics, a quantitative research boutique. He received his PhD from Cambridge University.

Permanent Magnet Synchronous Machines

Health care organizations are challenged to improve care at the bedside for patients, learn from individual patients to improve population health, and reduce per capita costs. To achieve these aims, leaders are needed in all parts of the

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organization need positive solutions. Transforming Health Care Leadership provides healthcare leaders with the knowledge and tools to master the unprecedented level of change that health care organizations and their leaders now face. It also challenges management myths that served in bureaucracies but mislead in learning organizations.

Excel 2007 VBA Programmer's Reference

This latest 3rd edition expands the breadth of Practical Numerical Methods with over 100 VBA macros for extending Excel's power for engineering and scientific analysis. Engineers and scientists will find the enhanced coverage of computational tools applicable to a variety of problems in their own disciplines. ** The selection of software reflects Excel's status as the de facto computational tool used by practicing engineers. Engineers & scientists should become proficient at extending Excel's capabilities with VBA programming to boost their worksheets with time saving enhancements and powerful numerical techniques. ** Topics include an introduction to modeling, documentation, Excel & VBA, root-finding for linear & nonlinear systems of equations, multivariate optimization, experimental uncertainty propagation & analysis, least-squares regression & model validation, interpolation, integration, and ordinary & partial differential equations. ** A companion web site has links to digital files for downloading up to 200 illustrations & examples & the refined PNM3Suite workbook with VBA user-defined functions,

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macros, & user forms for advanced numerical techniques. Practice problems are also available from the web site (<https://www.d.umn.edu/~rdavis/PNM/PNMExcelVBA3/>). Example files & macros are ready to be modified by users for their own needs. ** Chapter 1 includes a brief introduction to chemical reaction engineering that provides some background needed for problems involving mass & energy balances with reactions. ** The next two chapters introduce frequently overlooked features of Excel and VBA for engineering programming to apply numerical methods in Excel, as well as document results. The remaining chapters present powerful numerical techniques using Excel & VBA, including: ** General Methods: Sub & User-defined Function Procedures, Pseudo-random Number Generation, Sorting, Formula Graphing & Evaluation, Random Sampling, User forms ** Linear Equations: Gaussian Elimination with Maximum Column Pivoting, Error Correction, Crout Reduction, Thomas algorithm for tri-diagonal & Cholesky's method for symmetric matrices, Matrix functions, Jacobi & Gauss-Seidel Iteration, Wegstein & Steffenson's version of Aitkin's Delta Square methods, Power method for Eigenproblems ** Nonlinear Equations: Ordinary Fixed-Point Iteration, Bisection, Secant, Regula Falsi, Newton & Quasi-Newton, Continuation (homotopy), Goal Seek, Solver, Bairstow's method for polynomial roots ** Derivative Approximation: Finite Difference, Richardson's extrapolation, Jacobian, Sensitivity Analysis, Lagrange polynomials, splines ** Uncertainty Analysis: Jitter method for the Law of Propagation of Uncertainty, Monte Carlo with Latin-Hypercube sampling, Jack knife for regression parameter uncertainty **

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Optimization: Graphical, Quadratic with acceleration, Powell, Golden Section, Luus-Jaakola, Solver (for linear and nonlinear programming), Parameter Scaling ** Least-squares Regression: multivariate linear models, Gauss-Newton, Levenberg-Marquardt, and Monte Carlo for nonlinear regression with parameter uncertainty, Rational Least Squares, Weighting ** Interpolation: Linear, Newton Divided Difference, Lagrange, Rational, Stineman, Cubic Spline, Constrained Splines, Bivariate 2-D, Data Smoothing ** Integration: Trapezoid, Improper, Midpoint, Romberg, Adaptive Gauss-Kronrod & Simpson, Splines, multiple integrals with Simpson, Kronrod, & Monte Carlo methods ** Initial-Value ODEs: Taylor Series, improved & modified Euler, implicit Trapezoidal for stiff problems, fixed & variable single step 4-5 order Runge-Kutta, Cash-Karp & Dormand-Prince, Adams-Bashforth-Moulton multi-step methods ** Boundary Value ODEs and PDEs: Shooting, Finite Difference, Collocation on Finite Elements, Quasilinearization, Method of Lines, semi-implicit Crank-Nicholson methods ** Tables for quick reference of Excel, VBA, and custom functions & macros for numerical m

Excel VBA

Make the most of Outlook2013 -- without becoming a technical expert! Outlook 2013 Absolute Beginner's Guide is the fastest way to get comfortable and productive with the newest version of Outlook, use its powerful new tools, and extend it to the web and the latest mobile devices. Whether you're new to

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Outlook or you're one of the millions who've used previous versions, this practical, approachable book will show you how to do exactly what you want, one incredibly clear and easy step at a time. World-renowned Outlook tutorial author Diane Poremsky reveals Outlook 2013's power, helps you quickly master its updated interface, and teaches you how to do all this, and more:

- * Use Peeks to instantly find what you need without changing views
- * Set up email just the way you want, and sync only your newest mail
- * Completely control message flow, and regain control over your email life
- * Use advanced email features such as message tracking and deferred delivery
- * Create and work with calendar appointments and meeting invitations
- * Publish and share your calendar
- * Use Contacts, Tasks, and To-Do Lists more efficiently
- * Link Outlook to social networks
- * Sync and share Outlook data, and use powerful Exchange and SharePoint sharing features
- * Track your life with Color Categories, Folders, and Outlook 2013's improved Search
- * Run mail/email merges from within Outlook
- * Efficiently manage and protect your Outlook data files

Visual Basic 6 For Dummies

This comprehensive guide offers traders, quants, and students the tools and techniques for using advanced models for pricing options. The accompanying website includes data files, such as options prices, stock prices, or index prices, as well as all of the codes needed to use the option and volatility models described in

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the book. Praise for Option Pricing Models & Volatility Using Excel-VBA "Excel is already a great pedagogical tool for teaching option valuation and risk management. But the VBA routines in this book elevate Excel to an industrial-strength financial engineering toolbox. I have no doubt that it will become hugely successful as a reference for option traders and risk managers." —Peter Christoffersen, Associate Professor of Finance, Desautels Faculty of Management, McGill University "This book is filled with methodology and techniques on how to implement option pricing and volatility models in VBA. The book takes an in-depth look into how to implement the Heston and Heston and Nandi models and includes an entire chapter on parameter estimation, but this is just the tip of the iceberg. Everyone interested in derivatives should have this book in their personal library." —Espen Gaarder Haug, option trader, philosopher, and author of Derivatives Models on Models "I am impressed. This is an important book because it is the first book to cover the modern generation of option models, including stochastic volatility and GARCH." —Steven L. Heston, Assistant Professor of Finance, R.H. Smith School of Business, University of Maryland

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