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Financial Modeling for Decision Making Ron Messer 2020-09-01 This book provides accounting students in post-secondary institutions with an advanced level understanding of how to use MS-Excel to make business decisions. It reflects real-life applications of this important analytical tool, which has become the accepted industry standard for spreadsheet software.

Business Software 1985

Corporate Finance: A Focused Approach (Book Only) Michael C. Ehrhardt 2013-02-01 Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Financial Modeling, fifth edition Simon Benninga 2022-02-08 A substantially updated new edition of the essential text on financial modeling, with revised material, new data, and implementations shown in Excel, R, and Python. Financial Modeling has become the gold-standard text in its field, an essential guide for students, researchers, and practitioners that provides the computational tools needed for modeling finance fundamentals. This fifth edition has been substantially updated but maintains the straightforward, hands-on approach, with an optimal mix of explanation and implementation, that made the previous editions so popular. Using detailed Excel spreadsheets, it explains basic and advanced models in the areas of corporate finance, portfolio management, options, and bonds. This new edition offers revised material on valuation, second-order and third-order Greeks for options, value at risk (VaR), Monte Carlo methods, and implementation in R. The examples and implementation use up-to-date and relevant data. Parts I to V cover corporate finance topics, bond and yield curve models, portfolio theory, options and derivatives, and Monte Carlo methods and their implementation in finance. Parts VI and VII treat technical topics, with part VI covering Excel and R issues and part VII (now on the book's auxiliary website) covering Excel's programming language, Visual Basic for Applications (VBA), and Python implementations. Knowledge of technical chapters on VBA and R is not necessary for understanding the material in the first five parts. The book is suitable for use in advanced finance classes that emphasize the need to combine modeling skills with a deeper knowledge of the underlying financial models.

Statistical Reference Index 1980

Principles of Corporate Finance Richard A. Brealey 2013 Principles of Corporate Finance is the worldwide leading text that describes the theory and practice of corporate finance. Throughout the book, the authors show how managers use financial theory to solve practical problems and as a way to respond to change by showing not just how, but why companies and management act as they do. This text is a valued reference for thousands of practicing financial managers.

A Fast Track to Structured Finance Modeling, Monitoring, and Valuation William Preinitz 2009-02-17 This

book is designed to start with simple examples that progressively develop the reader's confidence to take on more complex tasks. There is very little theoretical discussion about computer science, operations research algorithms, mathematics, or finance. The thrust of the book is to teach the reader to break complex tasks down into simple tasks. It then looks to implement those simple tasks into VBA code using a critical subset of the features of the language. The tentative contents is: (1) Why? What? Who? Where? and How? (2) Common Sense (3) Securitizing A Loan Portfolio (4) Understanding the Excel Waterfall (5) Designing the VBA Model (6) Laying the Model Groundwork (7) Recorded Macros: A First Look at the VBA Language (8) Writing Menus: An Introduction to Data, Ranges, Arrays, and Objects (9) Controlling the Flow of the Model (10) Building Messaging Capabilities (11) Designing the Model's Reports (12) Main Program and Menus (13) Writing the Collateral Selection Code (14) Calculating the Cash Flows (15) Running the Waterfall: Producing Initial Results (16) Debugging the Model (17) Validating the Model (18) Running the Model (19) Building Additional Capabilities (20) Documentation of the Model (21) Managing the Growth of the Model (22) Building Portfolio Monitoring Model (23) Valuation Techniques: How do we Determine Price? (24) Challenging Times For the Deal (25) Parting Admonitions

Financial Modeling Simon Benninga 2000 Too often, finance courses stop short of making a connection between textbook finance and the problems of real-world business. "Financial Modeling" bridges this gap between theory and practice by providing a nuts-and-bolts guide to solving common financial problems with spreadsheets. The CD-ROM contains Excel* worksheets and solutions to end-of-chapter exercises. 634 illustrations.

Excel Modeling in Corporate Finance, Global Edition Craig W. Holden 2015-02-02 For courses in corporate finance or financial management at the undergraduate and graduate level. Excel Modeling in Corporate Finance approaches building and estimating models with Microsoft® Excel®. Students are shown the steps involved in building models, rather than already-completed spreadsheets.

Valuation McKinsey & Company Inc. 2010-07-16 The number one guide to corporate valuation is back and better than ever Thoroughly revised and expanded to reflect business conditions in today's volatile global economy, Valuation, Fifth Edition continues the tradition of its bestselling predecessors by providing up-to-date insights and practical advice on how to create, manage, and measure the value of an organization. Along with all new case studies that illustrate how valuation techniques and principles are applied in real-world situations, this comprehensive guide has been updated to reflect new developments in corporate finance, changes in accounting rules, and an enhanced global perspective. Valuation, Fifth Edition is filled with expert guidance that managers at all levels, investors, and students can use to enhance their understanding of this important discipline. Contains strategies for multi-business valuation and valuation for corporate restructuring, mergers, and acquisitions Addresses how you can interpret the results of a valuation in light of a company's competitive situation Also available: a book plus CD-ROM package (978-0-470-42469-8) as well as a stand-alone CD-ROM (978-0-470-42457-7) containing an interactive valuation DCF model Valuation, Fifth Edition stands alone in this field with its reputation of quality and consistency. If you want to hone your valuation skills today and improve them for years to come, look no further than this book.

Mastering Financial Mathematics in Microsoft Excel Alastair Day 2015-10-08 Fully updated and compliant with Excel 2013, this clearly explains the basic calculations for mathematical finance, backed up with simple templates for further use and development, and a workbook with exercises and solutions at the end of each chapter. The examples used are relevant to both managers and students in the UK and overseas. New to this edition Updated glossary of key terms Functions list in English and Euro languages Continuity check on all formats, layouts and charts More worked examples Additional exercises at the end of each chapter to help build models Templates and models available online.

Acca - F9 Financial Management 2009

Excel 2013: The Missing Manual Matthew MacDonald 2013-04-18 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.

Applied Corporate Finance, 4th Edition Aswath Damodaran 2014-10-27 Aswath Damodaran, distinguished author, Professor of Finance, and David Margolis, Teaching Fellow at the NYU Stern School of Business, have delivered the newest edition of Applied Corporate Finance. This readable text provides the practical advice students and practitioners need rather than a sole concentration on debate theory, assumptions, or models. Like no other text of its kind, Applied Corporate Finance, 4th Edition applies corporate finance to real companies. It now contains six real-world core companies to study and follow. Business decisions are classified for students into three groups: investment, financing, and dividend decisions.

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Financial Modeling in Excel For Dummies Danielle Stein Fairhurst 2021-12-14 Turn your financial data into insightful decisions with this straightforward guide to financial modeling with Excel Interested in learning how to build practical financial models and forecasts but concerned that you don't have the math skills or technical know-how? We've got you covered! Financial decision-making has never been easier than with Financial Modeling in Excel For Dummies. Whether you work at a mom-and-pop retail store or a multinational corporation, you can learn how to build budgets, project your profits into the future, model capital depreciation, value your assets, and more. You'll learn by doing as this book walks you through practical, hands-on exercises to help you build powerful models using just a regular version of Excel, which you've probably already got on your PC. You'll also: Master the tools and strategies that help you draw insights from numbers and data you've already got Build a successful financial model from scratch, or work with and modify an existing one to your liking Create new and unexpected business strategies with the ideas and conclusions you generate with scenario analysis Don't go buying specialized software or hiring that expensive consultant when you don't need either one. If you've got this book and a working version of Microsoft Excel, you've got all the tools you need to build sophisticated and useful financial models in no time!

Foundations of Computational Finance with MATLAB Ed McCarthy 2018-06-13 Graduate from Excel to MATLAB® to keep up with the evolution of finance data Foundations of Computational Finance with MATLAB® is an introductory text for both finance professionals looking to branch out from the spreadsheet, and for programmers who wish to learn more about finance. As financial data grows in volume and complexity, its very nature has changed to the extent that traditional financial calculators and spreadsheet programs are simply no longer enough. Today's analysts need more powerful data solutions with more customization and visualization capabilities, and MATLAB provides all of this and more in an easy-to-learn skillset. This book walks you through the basics, and then shows you how to stretch your new skills to create customized solutions. Part I demonstrates MATLAB's capabilities as they apply to traditional finance concepts, and PART II shows you how to create interactive and reusable code, link with external data sources, communicate graphically, and more. Master MATLAB's basic operations including matrices, arrays, and flexible data structures Learn how to build your own customized solutions when the built-ins just won't do Learn how to handle financial data and industry-specific variables including risk and uncertainty Adopt more accurate modeling practices for portfolios, options, time series, and more MATLAB is an integrated development environment that includes everything you need in one well-designed user interface. Available Toolboxes provide tested algorithms that save you hours of code, and the skills you learn using MATLAB make it easier to learn additional languages if you choose to do so. Financial firms are catching up to universities in MATLAB usage, so this is skill set that will follow you throughout your career. When you're ready to step into the new age of finance, Foundations of Computational Finance with MATLAB provides the expert instruction you need to get started quickly.

Corporate Finance Pierre Vernimmen 2014-10-09 Merging theory and practice into a comprehensive, highly-anticipated text Corporate Finance continues its legacy as one of the most popular financial textbooks, with well-established content from a diverse and highly respected author team. Unique in its features, this valuable text blends theory and practice with a direct, succinct style and commonsense presentation. Readers will be introduced to concepts in a situational framework, followed by a detailed discussion of techniques and tools. This latest edition includes new information on venture

finance and debt structuring, and has been updated throughout with the most recent statistical tables. The companion website provides statistics, graphs, charts, articles, computer models, and classroom tools, and the free monthly newsletter keeps readers up to date on the latest happenings in the field. The authors have generously made themselves available for questions, promising an answer in seventy-two hours. Emphasizing how key concepts relate to real-world situations is what makes Corporate Finance a valuable reference with real relevance to the professional and student alike. Readers will gain insight into the methods and tools that shape the industry, allowing them to: Analyze investments with regard to hurdle rates, cash flows, side costs, and more. Delve into the financing process and learn the tools and techniques of valuation. Understand cash dividends and buybacks, spinoffs, and divestitures. Explore the link between valuation and corporate finance. As the global economy begins to recover, access to the most current information and statistics will be required. To remain relevant in the evolving financial environment, practitioners will need a deep understanding of the mechanisms at work. Corporate Finance provides the expert guidance and detailed explanations for those requiring a strong foundational knowledge, as well as more advanced corporate finance professionals.

Fundamentals of Multinational Finance Michael H. Moffett 2006 Written for the undergraduate student, *Fundamentals of Multinational Finance, Second Edition* is a focused, streamlined adaptation of the market-leading classic, *Multinational Business Finance*. Committed to preparing the leaders of tomorrow's multinational enterprises, the authors have included numerous mini-cases and real-world examples to teach students to recognize the challenges and benefit from the opportunities inherent in modern global markets. Lucid explanations and engaging vignettes are rendered in the authoritative voice of the best-selling authors.

Quantitative Methods for Business (Book Only) David R. Anderson 2012-02-15 Develop a strong conceptual understanding of the role that quantitative methods play in today's decision-making process. Written for the non-mathematician, this applications-oriented text introduces today's many quantitative methods, how they work, and how decision makers can most effectively apply and interpret data. A strong managerial orientation motivates while actual examples illustrate situations where quantitative methods make a difference in decision making. A strong Problem-Scenario Approach helps you understand and apply mathematical concepts. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Quantitative Finance Matt Davison 2014-05-08 Teach Your Students How to Become Successful Working Quants *Quantitative Finance: A Simulation-Based Introduction Using Excel* provides an introduction to financial mathematics for students in applied mathematics, financial engineering, actuarial science, and business administration. The text not only enables students to practice with the basic techniques of financial mathematics, but it also helps them gain significant intuition about what the techniques mean, how they work, and what happens when they stop working. After introducing risk, return, decision making under uncertainty, and traditional discounted cash flow project analysis, the book covers mortgages, bonds, and annuities using a blend of Excel simulation and difference equation or algebraic formalism. It then looks at how interest rate markets work and how to model bond prices before addressing mean variance portfolio optimization, the capital asset pricing model, options, and value at risk (VaR). The author next focuses on binomial model tools for pricing options and the analysis of discrete random walks. He also introduces stochastic calculus in a nonrigorous way and explains how to simulate geometric Brownian motion. The text proceeds to thoroughly discuss options pricing, mostly in continuous time. It concludes with chapters on stochastic models of the yield curve and incomplete markets using simple discrete models. Accessible to students with a relatively modest level of mathematical background, this book will guide your students in becoming successful quants. It uses both hand calculations and Excel spreadsheets to analyze plenty of examples from simple bond portfolios. The spreadsheets are available on the book's CRC Press web page.

The City Record 1897

The Theory of Corporate Finance Jean Tirole 2010-08-26 The past twenty years have seen great theoretical and empirical advances in the field of corporate finance. Whereas once the subject addressed mainly the financing of corporations--equity, debt, and valuation--today it also embraces crucial issues of governance, liquidity, risk management, relationships between banks and corporations, and the macroeconomic impact of corporations. However, this progress has left in its wake a jumbled array of concepts and models that students are often hard put to make sense of. Here, one of the world's leading economists offers a lucid, unified, and comprehensive introduction to modern corporate finance theory.

Jean Tirole builds his landmark book around a single model, using an incentive or contract theory approach. Filling a major gap in the field, *The Theory of Corporate Finance* is an indispensable resource for graduate and advanced undergraduate students as well as researchers of corporate finance, industrial organization, political economy, development, and macroeconomics. Tirole conveys the organizing principles that structure the analysis of today's key management and public policy issues, such as the reform of corporate governance and auditing; the role of private equity, financial markets, and takeovers; the efficient determination of leverage, dividends, liquidity, and risk management; and the design of managerial incentive packages. He weaves empirical studies into the book's theoretical analysis. And he places the corporation in its broader environment, both microeconomic and macroeconomic, and examines the two-way interaction between the corporate environment and institutions. Setting a new milestone in the field, *The Theory of Corporate Finance* will be the authoritative text for years to come.

The Big Picture of Business, Book 4 Hank Moore 2021-08-03 *The Big Picture of Business, Book 4* offers a creative approach to strategy development and planning for companies in today's turbulent business environment that prepares them for an unknowable tomorrow. Each year, one-third of the U.S. Gross National Product goes toward cleaning up problems, damages and other high costs caused by companies that failed to take proper actions. Look no further than the cost of the current financial crisis for an example. The costs of band-aid surgery for their problems and make-good work cost business six times that of proper planning, oversight and accountability. 92% of all problems in organizations stem from poor management decisions. *The Big Picture of Business, Book 4* takes a fresh look at change and growth, utilizing full-scope planning as a means of navigating through uncertain waters toward richer success. It is based upon Hank Moore's trademarked approach to growing and strengthening businesses, tested by his actual work in guiding corporations over three decades. Moore shows how to master change and readies companies to face the future.

Principles of Corporate Finance Richard A. Brealey 2020 This new international edition provides increased coverage of the procedures for estimating the cost of capital, expanded coverage of risk management techniques and the use and misuse of derivatives, and additional coverage of agency problems.

Dictionary of Information Technology Ramesh Bangia 2010

Managerial Decision Modeling Nagraj (Raju) Balakrishnan 2017-08-07 This book fills a void for a balanced approach to spreadsheet-based decision modeling. In addition to using spreadsheets as a tool to quickly set up and solve decision models, the authors show how and why the methods work and combine the user's power to logically model and analyze diverse decision-making scenarios with software-based solutions. The book discusses the fundamental concepts, assumptions and limitations behind each decision modeling technique, shows how each decision model works, and illustrates the real-world usefulness of each technique with many applications from both profit and nonprofit organizations. The authors provide an introduction to managerial decision modeling, linear programming models, modeling applications and sensitivity analysis, transportation, assignment and network models, integer, goal, and nonlinear programming models, project management, decision theory, queuing models, simulation modeling, forecasting models and inventory control models. The additional material files Chapter 12 Excel files for each chapter Excel modules for Windows Excel modules for Mac 4th edition errata can be found at <https://www.degruyter.com/view/product/486941>

Fundamentals of Financial Accounting Fred Phillips 2021 "Fundamentals of Financial Accounting responds by using carefully chosen focus companies that students recognize and engage with in their everyday lives. From tech start-ups to some of the world's most familiar trademark brands, each chapter opens with an engaging scenario or story using a familiar company. The same focus company, such as Walmart, Cedar Fair, American Eagle, National Beverage, Under Armour, or General Mills, is used throughout the entire chapter so that students can see how the concepts and calculations apply to a real-world company they are already familiar with"--

Fixed Income Securities Pietro Veronesi 2010-01-12 The deep understanding of the forces that affect the valuation, risk and return of fixed income securities and their derivatives has never been so important. As the world of fixed income securities becomes more complex, anybody who studies fixed income securities must be exposed more directly to this complexity. This book provides a thorough discussion of these complex securities, the forces affecting their prices, their risks, and of the appropriate risk management practices. *Fixed Income Securities*, however, provides a methodology, and not a shopping

list. It provides instead examples and methodologies that can be applied quite universally, once the basic concepts have been understood.

The Essential Excel 2000 Book Faith Wempfen 1999 A top-notch tutorial reference firmly targeted at the largest segment of Excel users. Teaches the single best way to accomplish readers' goals and shows them how to quickly increase effectiveness and productivity.

QlikView for Finance B. Diane Blackwood 2015-09-29 Concoct dynamic business intelligence dashboards for financial analysis with QlikView About This Book Get accustomed to QlikView features for effective data analysis and visualization in Finance Employ the Memory data store, which refreshes data in real time, providing a faster response to business financial information A step-by-step guide to using Qlikview features such as key performance indicators, interactive charts, and tables for financial analysis Who This Book Is For If you are a finance professional with basic knowledge of QlikView functions and wish to increase your knowledge of QlikView to apply it in the field of finance, then this book is for you. A good knowledge of financial aspects is a must-have. What You Will Learn Design Key Performance Indicators and extend your revenue ratio reporting Set up actions within a Text Object and create variables to make a chart toggle between visible and not visible Merge data from multiple sources to get more asset management options Examine good and bad practices in dashboard design and create a Group button to make more data available in less space Analyse the sales dashboard by adding tending lines and forecasting Create input boxes and use the input in formulas to perform "What If" analysis Examine the Key Performance Indicator (KPI) and Inventory Turnover, and investigate the usefulness of Pivot Create a QlikView analysis document and add data to it to gain deep insights In Detail This book is an effective step-by-step tutoring guide for financial analysis using Qlikview. It begins by teaching you the crucial concepts of Qlikview Finance to help you develop an effective understanding of financial data analysis and finance. The book then goes on to cover real-world, practical examples on the use of Qlikview for financial planning and analysis, expense management, risk management, and more. Moving on, topics such as Asset Management QlikView Dashboard and Retail Sales Analysis are covered in a strategic way. We then shift the focus to deal with the concepts of Inventory, Supply Chain, and Plant Coverage Dashboards. The book then reaches its conclusion by dealing with ways to share your QlikView insights. By the end of this book, you will have a good understanding of how to use Qlikview for numerous applications in finance. Style and approach This book is designed to explore what can be done in QlikView to facilitate Financial Analysis. It follows a step-by-step approach and each chapter has easy-to-follow, hands-on examples of important concepts.

Financial Modeling, fifth edition Simon Benninga 2022-02-01 A substantially updated new edition of the essential text on financial modeling, with revised material, new data, and implementations shown in Excel, R, and Python. Financial Modeling has become the gold-standard text in its field, an essential guide for students, researchers, and practitioners that provides the computational tools needed for modeling finance fundamentals. This fifth edition has been substantially updated but maintains the straightforward, hands-on approach, with an optimal mix of explanation and implementation, that made the previous editions so popular. Using detailed Excel spreadsheets, it explains basic and advanced models in the areas of corporate finance, portfolio management, options, and bonds. This new edition offers revised material on valuation, second-order and third-order Greeks for options, value at risk (VaR), Monte Carlo methods, and implementation in R. The examples and implementation use up-to-date and relevant data. Parts I to V cover corporate finance topics, bond and yield curve models, portfolio theory, options and derivatives, and Monte Carlo methods and their implementation in finance. Parts VI and VII treat technical topics, with part VI covering Excel and R issues and part VII (now on the book's auxiliary website) covering Excel's programming language, Visual Basic for Applications (VBA), and Python implementations. Knowledge of technical chapters on VBA and R is not necessary for understanding the material in the first five parts. The book is suitable for use in advanced finance classes that emphasize the need to combine modeling skills with a deeper knowledge of the underlying financial models.

Corporate Finance S R Vishwanath 2007-03-07 This—revised and enhanced—book examines the role of finance in supporting other functional areas while fostering an understanding of how financial decisions can create value. Corporate Finance covers areas related to estimating divisional cost of capital; executing a financing strategy; establishing debt and dividend policies consistent with the company's strategy and environment; choosing between dividends and stock repurchases; managing high growth and managing working capital. Its new topics include: - Corporate Financial Flexibility (Real options) - New Financial Instruments - Project Finance - Acquisitions and Control - Performance Measurement and

Incentive Compensation The goal of this book is to provide a thorough understanding of how and why firms make their financial decisions the way they do and their impact on shareholder value. The central theme of the book is Value Based Management, which assumes that maximizing shareholder value is the governing objective of a firm. Each chapter of this new edition has detailed and real-life cases to help students easily understand and grasp concepts. The author has also provided the case-map of the Harvard Business School to make this book more user-friendly in classrooms. The inclusion of several new topics/cases, extensive pedagogical tools and a finance-for-non-finance approach make this book ideal for MBA/CA/CFA/ICWA students and executive education programs.

Spreadsheet Modeling in Corporate Finance Craig W. Holden 2002 Providing instructions for building financial models, not templates, this book and its associated website supply a programme of active learning. Instead of finding completely ready-made material, students are encouraged to use the resources to build models themselves. No Excel knowledge assumed. Emphasis on Beta and CAPM.

Entrepreneurial Finance Janet Smith 2011-03-22 Entrepreneurial Finance applies current financial economics research and theory to the study of entrepreneurship and new venture finance.

PC Mag 1993-02-09 PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Drawdown Paul Hawken 2017-04-18 • New York Times bestseller • The 100 most substantive solutions to reverse global warming, based on meticulous research by leading scientists and policymakers around the world “At this point in time, the Drawdown book is exactly what is needed; a credible, conservative solution-by-solution narrative that we can do it. Reading it is an effective inoculation against the widespread perception of doom that humanity cannot and will not solve the climate crisis. Reported by-effects include increased determination and a sense of grounded hope.” —Per Espen Stoknes, Author, *What We Think About When We Try Not To Think About Global Warming* “There’s been no real way for ordinary people to get an understanding of what they can do and what impact it can have. There remains no single, comprehensive, reliable compendium of carbon-reduction solutions across sectors. At least until now. . . . The public is hungry for this kind of practical wisdom.” —David Roberts, *Vox* “This is the ideal environmental sciences textbook—only it is too interesting and inspiring to be called a textbook.” —Peter Kareiva, Director of the Institute of the Environment and Sustainability, UCLA In the face of widespread fear and apathy, an international coalition of researchers, professionals, and scientists have come together to offer a set of realistic and bold solutions to climate change. One hundred techniques and practices are described here—some are well known; some you may have never heard of. They range from clean energy to educating girls in lower-income countries to land use practices that pull carbon out of the air. The solutions exist, are economically viable, and communities throughout the world are currently enacting them with skill and determination. If deployed collectively on a global scale over the next thirty years, they represent a credible path forward, not just to slow the earth’s warming but to reach drawdown, that point in time when greenhouse gases in the atmosphere peak and begin to decline. These measures promise cascading benefits to human health, security, prosperity, and well-being—giving us every reason to see this planetary crisis as an opportunity to create a just and livable world.

Entrepreneurial Finance Janet Kiholm Smith 2019-07-16 Entrepreneurial Finance: Venture Capital, Deal Structure & Valuation, Second Edition illustrates how the theory and methods of finance and economics can be used to guide strategic decision-making. This text prepares readers for a variety of situations that confront stakeholders in the rapidly evolving fields of entrepreneurial finance and venture capital, outlining ways to think from the investor's and entrepreneur's perspectives. Readers will find a unique and direct focus on value creation as the objective of each strategic and financial choice. The authors specifically address the influences of risk and uncertainty on new venture success and investment performance, devoting substantial attention to methods of financial modeling and contract design. Finally, they provide a comprehensive survey of approaches to new venture valuation, with an emphasis on applications. The second edition is thoroughly revised to reflect new data, research, and changes in practice in this fast-moving field. It has an increased focus on venture capital, while maintaining its hallmark coverage of the financial aspects of entrepreneurship. Updates throughout address technological changes that have the potential to dramatically change the landscape for finance, such as recent innovations in contracting for early-stage ventures, artificial intelligence and machine learning, and Internet connectivity. Lastly, the book offers a companion website with a useful suite of resources for

students and instructors alike, including spreadsheets, templates, simulation applications, and interactive cases and tutorials.

The Book of R Tilman M. Davies 2016-07-16 The Book of R is a comprehensive, beginner-friendly guide to R, the world's most popular programming language for statistical analysis. Even if you have no programming experience and little more than a grounding in the basics of mathematics, you'll find everything you need to begin using R effectively for statistical analysis. You'll start with the basics, like how to handle data and write simple programs, before moving on to more advanced topics, like producing statistical summaries of your data and performing statistical tests and modeling. You'll even learn how to create impressive data visualizations with R's basic graphics tools and contributed packages, like ggplot2 and ggvis, as well as interactive 3D visualizations using the rgl package. Dozens of hands-on exercises (with downloadable solutions) take you from theory to practice, as you learn: –The fundamentals of programming in R, including how to write data frames, create functions, and use variables, statements, and loops –Statistical concepts like exploratory data analysis, probabilities, hypothesis tests, and regression modeling, and how to execute them in R –How to access R's thousands of functions, libraries, and data sets –How to draw valid and useful conclusions from your data –How to create publication-quality graphics of your results Combining detailed explanations with real-world examples and exercises, this book will provide you with a solid understanding of both statistics and the depth of R's functionality. Make The Book of R your doorway into the growing world of data analysis.

Strategic Corporate Finance Justin Pettit 2011-07-12 Essential guidance for the corporate finance professional — advisor, Board Director, CFO, Treasurer, business development executive, or M&A expert—to ask the right questions and make the critical decisions. Strategic Corporate Finance is a practical guide to the key issues, their context, and their solutions. From performance measurement and capital planning to risk management and capital structure, Strategic Corporate Finance, translates principles of corporate finance theory into practical methods for implementing them. Filled with in-depth insights, expert advice, and detailed case studies, Strategic Corporate Finance will prepare you for the issues involved in raising, allocating and managing capital, and its associated risks. Justin Pettit (New York, NY) draws on his 15 years of senior advisory experience as an investment banker and management consultant. He advises corporate boards and executives on matters of capital structure, financial policy, valuation, and strategy. He also lectures on topics in advanced corporate finance to graduate and undergraduate students at universities in the New York area.