Analysis For Microsoft Excel User Guide

This popular best-selling book shows students and professionals how to do data analysis with Microsoft Excel. DATA ANALYSIS WITH MICROSOFT EXCEL teaches the fundamental concepts of statistics and how to use Microsoft Excel to solve the kind of data-intensive problems that arise in business and elsewhere. Even students with no previous experience using spreadsheets will find that this text's step-by-step approach, extensive tutorials, and examples make it easy to learn how to use Excel for analyzing data. A downloadable StatPlus(tm) add-in for Microsoft Excel, data sets for exercises, and interactive concept tutorials are available on the Book Companion Website.

Tap into the number-crunching power of Microsoft Excel by using worksheet functions. Microsoft Excel includes hundreds of worksheet functions, each one performing a different taks--from simple addition to determining interest rates to complex statistical analysis. This book provides complete information about each of the more than 300 worksheet functions built into Microsoft Excel 5. (Microsoft Press)

Data warehousing is one of the hottest business topics, and there's more to understanding data warehousing technologies than you might think. Find out the basics of data warehousing and how it facilitates data mining and business intelligence with Data Warehousing For Dummies, 2nd Edition. Data is probably your company's most important asset, so your data warehouse should serve your needs. The fully updated Second Edition of Data Warehousing For Dummies helps you understand, develop, implement, and use data warehouses, and offers a sneak peek into their future. You'll learn to: Analyze top-down and bottom-up data warehouse designs Understand the structure and technologies of data warehouses, operational data stores, and data marts Choose your project team and apply best development practices to your data warehousing projects Implement a data warehouse, step by step, and involve end-users in the process Review and upgrade existing data storage to make it serve your needs Comprehend OLAP, column-wise databases, hardware assisted databases, and middleware Use data mining intelligently and find what you need Make informed choices about consultants and data warehousing products Data Warehousing For Dummies, 2nd Edition also shows you how to involve users in the testing process and gain valuable feedback, what it takes to successfully manage a data warehouse project, and how to tell if your project is on track. You'll find it's the most useful source of data on the topic!

Provides an introduction to data analysis and business modeling using Microsoft Excel.

R for Microsoft® Excel UsersMaking the Transition for Statistical AnalysisQue Publishing

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This is today's most complete guide to regression analysis with Microsoft® Excel for any business analytics or research task. Drawing on 25 years of advanced statistical experience, Microsoft MVP Conrad Carlberg shows how to use Excel's regression-related worksheet functions to perform a wide spectrum of practical analyses. Carlberg clearly explains all the theory you'll need to avoid mistakes, understand what your regressions are really doing, and evaluate analyses performed by others. From simple correlations and t-tests through multiple analysis of covariance, Carlberg offers hands-on, step-by-step walkthroughs using meaningful examples. He discusses the consequences of using each option and argument, points out idiosyncrasies and controversies associated with Excel's regression functions, and shows how to use them reliably in fields ranging from medical research to financial analysis to operations. You don't need expensive software or a doctorate in statistics to work with regression analyses. Microsoft Excel has all the tools you need—and this book has all the knowledge! Understand what regression analysis can and can't do, and why Master regression-based functions built into all recent versions of Excel Work with correlation and simple regression Make the most of Excel's improved LINEST() function Plan and perform multiple regression Distinguish the assumptions that matter from the ones that don't Extend your analysis options by using regression instead of traditional analysis of variance Add covariates to your analysis to reduce bias and increase statistical power

Introduction to Biomedical Data Science aims to fill the data science knowledge gap experienced by many clinical, administrative and technical staff. The textbook begins with an overview of what biomedical data science is and then embarks on a tour of topics beginning with spreadsheet tips and tricks and ending with artificial intelligence. In between, important topics are covered such as biostatistics, data visualization, database systems, big data, programming languages, bioinformatics, and machine learning. The textbook is available as a paperback and ebook. Visit the companion website at https://www.informaticseducation.org for more information. Key features: Real healthcare datasets are used for examples and exercises; Knowledge of a programming language or higher math is not required; Multiple free or open source software programs are presented; YouTube videos are embedded in most chapters; Extensive resources chapter for further reading and learning; PowerPoints and an Instructor Manual

Use Excel 2013's statistical tools to transform your data into knowledge Conrad Carlberg shows how to use Excel 2013 to perform core statistical tasks every business professional, student, and researcher should master. Using real-world examples, Carlberg helps you choose the right technique for each problem and get the most out of Excel's statistical features, including recently introduced consistency functions. Along the way, he clarifies confusing statistical terminology and helps you avoid common mistakes. You'll learn how to use correlation and regression, analyze variance and covariance, and test statistical hypotheses using the normal, binomial, t, and F distributions. To help you make accurate inferences based on samples from a population, this edition adds two more chapters on inferential statistics, covering crucial topics ranging from experimental design to the statistical power of F tests. Becoming an expert with Excel statistics has never been easier! You'll find crystal-clear instructions, insider insights, and complete step-by-step projects—all complemented by extensive web-based resources. Master Excel's most useful descriptive and inferential statistical tools Tell the truth with statistics—and recognize when others don't Accurately summarize sets of values Infer a population's characteristics from a sample's frequency distribution Explore correlation and regression to learn how variables move in tandem Use Excel consistency functions such as STDEV.S() and STDEV.P() Test differences between two means using z tests, t tests, and Excel's Data Analysis Add-in Use ANOVA to test differences between more than two means Explore statistical power by manipulating mean differences, standard errors, directionality, and alpha Take advantage of Recommended PivotTables, Quick Analysis, and other Excel 2013 shortcuts

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Microsoft Excel can perform many statistical analyses, but thousands of business users and analysts are now reaching its limits. R, in contrast, can perform virtually any imaginable analysis–if you can get over its learning curve. In R for Microsoft® Excel Users, Conrad Carlberg shows exactly how to get the most from both programs. Drawing on his immense experience helping organizations apply statistical methods, Carlberg reviews how to perform key tasks in Excel, and then guides you through reaching the same outcome in R–including which packages to install and how to access them. Carlberg offers expert advice on when and how to use Excel, when

and how to use R instead, and the strengths and weaknesses of each tool. Writing in clear, understandable English, Carlberg combines essential statistical theory with hands-on examples reflecting real-world challenges. By the time you've finished, you'll be comfortable using R to solve a wide spectrum of problems–including many you just couldn't handle with Excel. • Smoothly transition to R and its radically different user interface • Leverage the R community's immense library of packages • Efficiently move data between Excel and R • Use R's DescTools for descriptive statistics, including bivariate analyses • Perform regression analysis and statistical inference in R and Excel • Analyze variance and covariance, including single-factor and factorial ANOVA • Use R's mlogit package and glm function for Solver-style logistic regression • Analyze time series and principal components with R and Excel

This tech manual guides you in learning and perfecting your Microsoft Excel Skills. What You will Learn: *Microsoft Excel User Interface *Excel Basics *Function *Database *Financial Analysis *Matrix *Statistical Analysis *Shortcut and Their Function

Using Excel as a "tool" to teach finance, Advanced Financial Analysis with Microsoft Excel is the only text on the market that integrates Excel features with finance concepts. The text is not another "how-to" guide for Excel; instead, it uses Excel to illustrate advanced finance concepts and to facilitate analysis, The book's practical approach to teaching financial concepts in the context of the spreadsheet program Excel prepares students for future assignments in the corporate world. Students gain a solid understanding of the financial foundations behind the spreadsheet construction and analysis -- not just a vague understanding of how to go through the Excel motions.

An in-depth, expert guide to Microsoft Dynamics CRM 2011 from Microsoft CRM experts! What better way to learn how to administer Dynamics CRM 2011 than from two Microsoft CRM experts? This in-depth Bible is packed with expert guidance on the latest version of Microsoft's hot CRM product. Whether you're new to Dynamics CRM or upgrading from an earlier version, you'll get thoroughly up to speed on everything from the basics to new features and more. Brings you up to speed on Microsoft Dynamics CRM 2011, the latest version of Microsoft's fast-growing customer relationship management software Shows you how to get the most out of the application, including configuration and customization, integrating with Microsoft Office, and automating business processes Features step-by-step instruction and in-depth coverage of all essential topics; you'll want to keep this information-packed book at your desk as a practical reference If you want to master Microsoft Dynamics CRM 2011 for your business contacts, this is the book you need to succeed

Take Excel to the next level Excel is the world's leading spreadsheet application. It's a key module in Microsoft Office—the number-one productivity suite—and it is the number-one business intelligence tool. An Excel dashboard report is a visual presentation of critical data and uses gauges, maps, charts, sliders, and other graphical elements to present complex data in an easy-to-understand format. Excel Data Analysis For Dummies explains in depth how to use Excel as a tool for analyzing big data sets. In no time, you'll discover how to mine and analyze critical data in order to make more informed business decisions. Work with external databases, PivotTables, and Pivot Charts Use Excel for statistical and financial functions and data sharing Get familiar with Solver Use the Small Business Finance Manager If you're familiar with Excel but lack a background in the technical aspects of data analysis, this user-friendly book makes it easy to start putting it to use for you.

This condensed syntax reference presents the essential Excel function syntax in a well-organized format that can be used as a quick and handy reference. You can use it to improve your Excel knowledge and increase your productivity. It will help you upgrade the quality of your data analysis, dashboards, models, and templates. The Microsoft Excel Functions Quick Reference helps you set up workbooks, enter data, and format it for easier viewing. It starts by giving an overview of Excel functions explaining the different types of Excel functions available followed by an understanding of string functions and date functions. It then covers time, lookup, aggregate, and logical functions along with practice problems. Further, you will see math functions and information functions in Excel. You will also be able to create sophisticated forecast worksheets, key performance indicators (KPIs), and timelines. Each function in the text is illustrated by helpful, illuminating examples. With this book by your side, you'll always have the answer to your Excel function syntax questions. What You Will Learn Work with basic Excel functions Use the LOOKUP function Take advantage of new functions in information functions Create a mega formula Who This Book Is For Administrators, analysts, and anyone else working with Microsoft Excel.

Master business modeling and analysis techniques with Microsoft Excel 2019 and Office 365 and transform data into bottom-line results. Written by award-winning educator Wayne Winston, this hands-on, scenario-focused guide helps you use Excel to ask the right questions and get accurate, actionable answers. New coverage ranges from Power Query/Get & Transform to Office 365 Geography and Stock data types. Practice with more than 800 problems, many based on actual challenges faced by working analysts. Solve real business problems with Excel—and build your competitive advantage: Quickly transition from Excel basics to sophisticated analytics Use PowerQuery or Get & Transform to connect, combine, and refine data sources Leverage Office 365's new Geography and Stock data types and six new functions Illuminate insights from geographic and temporal data with 3D Maps Summarize data with pivot tables, descriptive statistics, histograms, and Pareto charts Use Excel trend curves, multiple regression, and exponential smoothing Delve into key financial, statistical, and time functions Master all of Excel's great charts Quickly create forecasts from historical time-based data Use Solver to optimize product mix, logistics, work schedules, and investments—and even rate sports teams Run Monte Carlo simulations on stock prices and bidding models Learn about basic probability and Bayes' Theorem Use the Data Model and Power Pivot to effectively build and use relational data sources inside an Excel workbook Automate repetitive analytics tasks by using macros

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.

Take Your Excel and PowerPoint Skills to the Next Level with This Powerful Book On daily basis, men are involved with word processing, manipulations and analysis, be it for academic purposes, businesses, training, etc. This book is all you need to easily learn Office 365 apps (Word, Excel, PowerPoint, etc.) as it provides a comprehensive introduction to the latest versions of Microsoft Office word processor apps. With the help of illustrated explanations, this Microsoft Office book will take you through the updated Office (2021 edition) applications and guide you through implementing them using practical examples. You'll learn how to use Excel to perform various calculations using formulas and functions as well as the working knowledge of Excel basics such as setting up workbooks, formatting and customizing cells, solving printing issues, along with discovering its data analysis features. In addition, you'll get to learn how to effectively and efficiently use PowerPoint for professional presentations including how to add various stylings to your presentations so as to make them livelier and more interactive. In a nutshell, you

have a lot to gain by using this guide for your Excel 365, Excel 2021 and PowerPoint 2021 By the end of this book, you'll have learned the essentials of Office business apps and be ready to work with them to boost your productivity. Who this book is for Whether you're just getting started or have used Microsoft Office before and you are looking to develop your MS Office skills further, this book will help you to make the most of the different Office applications.

Created in Excel, balanced scorecards enable you to monitor operations and tactics, while operational dashboards is a set of indicators regarding the state of a business metric or process—both features are in high demand for many large organizations. This book serves as the first guide to focus on combining the benefits of balanced scorecards, operational dashboards, performance managements, and data visualization and then implement them in Microsoft Excel.

Jelen uses his combined experience and analytical ingenuity to demystify the arduous task of dealing with downloaded data. He uses real-life examples of real-life management requests, and then walks users through the maze of Excel tools and formulas.

Whether you own a small business or work for a large corporation–whether you are looking for help making financial and business decisions–this book is for you. Business Analysis with Microsoft® Excel, Third Edition, provides in-depth information that will streamline your use of the tools within Excel. Professional advice and guidance from an experienced author provide the answers to your most pressing questions: • What's the relationship between my cost of goods sold and my inventory? • How do I get Excel to keep these values up-to-date on my income statement and my balance sheet? • I have to track service quality over time. How can I automate that using Excel charts? • How can I forecast future demand for my products, based on prior sales results? • What's the difference between financial leverage and operating leverage? How do I calculate them using my financial records? • I need to project my financials for next year. Does Excel have a tool for that? What do I need to know to use it effectively? • How do I do all these things using the new Ribbon in Excel 2007? • What are the best ways to automate a connection between Excel and an external database? Category Spreadsheets Covers Applicable for versions of Microsoft Excel 97 to 2007 User Level Intermediate–Advanced More great stuff… is just a click away! • Sample journals and ledgers; examples of trial balances, income statements, and balance sheets • Custom functions, such as FIFO and LIFO, for inventory management • VBA routines that automate the creation of forecasts, quality control charts, and sales and marketing analysis • Statistical process control charts: P charts, X-and-S charts, X-and-MR charts • Forecasting tools: Seasonal smoothing and ARIMA model identification quote from the front cover "Conrad takes the time to give the readers an easy-to-follow step-by-step understanding of the material, accompanied by clear illustrations, making this an excellent book to learn the material. I recommend this book to anyone wanting to gain more expertise in using and manipulating business data from within Excel." –Bob Umlas, Excel MVP

Help students master the latest features in Excel 2013 while establishing a strong foundation in corporate finance. With Mayes's FINANCIAL ANALYSIS WITH MICROSOFT EXCEL 2013,7E, your students develop a proficiency in using Excel 2013 to solve real financial problems without sacrificing any finance background. This edition covers all of the topics in today's corporate finance course, including financial statements, budgets, the Market Security Line, pro forma statements, cost of capital, equities, and debt. A reader-friendly, self-directed learning approach and numerous study tools make this book both an ideal resource for independent learning and a valuable long-term reference tool. Because today's typical students enter college with basic spreadsheet skills, this new edition covers the basics early for those with no background, before moving quickly into many of the more advanced and most powerful features of Excel 2013. This edition offers new focus on Excel tables, pivot tables and pivot charts and other areas that have become increasingly important to today's employers. The book's easy-to-understand presentation helps students build upon or transfer skills from other spreadsheet programs as they establish a strong understand of contemporary corporate finance. Give your students the valuable, highly marketable skills in Excel 2013 with the understanding of corporate finance that they need to succeed with Mayes' FINANCIAL ANALYSIS WITH MICROSOFT EXCEL 2013,7E. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This two-volume set LNCS 10915 and 10916 constitutes the refereed proceedings of the 12h International Conference on Augmented Cognition, AC 2018, held as part of the 20th International Conference on Human-Computer Interaction, HCII 2018, in Las Vegas, NV, USA in July 2018. The 1171 papers presented at HCII 2018 conferences were carefully reviewed and selected from 4346 submissions. The papers cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of applications areas. The papers in this volume are organized in the following topical sections:Cognitive modeling, perception, emotion and interaction, augmented learning and training, shared cognition, team performance and decision-making.

The essential guide for managers and business students who wish to use Microsoft Excel to its full potential As the industry standard spreadsheet for the analysis and presentation of results, Microsoft Excel is indispensable in the business world. This text provides a practical and straightforward guide to fully utilising the functions of Microsoft Excel, guiding the reader from basic principles through to the more complicated areas such as modelling, the analysis of charts, reporting, and automatic importing of data from the web directly into an Excel workbook. Bernard Liengme has written this book specifically to meet the requirements of business students and professionals working with Microsoft Excel. The text is illustrated throughout with screen-shots, as well as a wide variety of examples and case studies based in real-world business contexts, introduced with a minimum of maths, and readily adaptable to workplace situations. The new edition has been brought fully up to date with the new Microsoft Office XP release of Excel 2002 but can be used alongside any previous version of Excel, with new Excel 2002 features clearly indicated throughout. * Content written specifically for the requirements of business students and professionals working with Microsoft Excel, brought fully up to date with the new Microsoft Office XP release of Excel 2002 * Features of Excel 2002 are illustrated through a wide variety of examples based in real-world business contexts, introduced with a minimum of maths, and readily adaptable to workplace situations * Can be used alongside any previous version of Excel, with new Excel 2002 features clearly indicated throughout

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Master business modeling and analysis techniques with Microsoft Excel 2016, and transform data into bottom-line results. Written by award-winning educator Wayne Winston, this hands on, scenario-focused guide helps you use Excel's newest tools to ask the right questions and get accurate, actionable answers. This edition adds 150+ new problems with solutions, plus a chapter of basic spreadsheet

models to make sure you're fully up to speed. Solve real business problems with Excel–and build your competitive advantage Quickly transition from Excel basics to sophisticated analytics Summarize data by using PivotTables and Descriptive Statistics Use Excel trend curves, multiple regression, and exponential smoothing Master advanced functions such as OFFSET and INDIRECT Delve into key financial, statistical, and time functions Leverage the new charts in Excel 2016 (including box and whisker and waterfall charts) Make charts more effective by using Power View Tame complex optimizations by using Excel Solver Run Monte Carlo simulations on stock prices and bidding models Work with the AGGREGATE function and table slicers Create PivotTables from data in different worksheets or workbooks Learn about basic probability and Bayes' Theorem Automate repetitive tasks by using macros

100% practical guide to understand and use basic to advance level Excel 2019 Key features What's New in Excel 2019 Office 365 Putting Data into Excel Transforming and Managing the Data Formulas and Functions Data Analysis techniques Data Visualization techniques Multiple ways of Data Extraction Automation in Excel through Macros DescriptionExcel is, by far, the most preferred spreadsheet program on this planet. People love it because of its simplicity and easy user interface. The primary focus of Excel is to perform basic to advanced level numeric calculations. Every industry, department, job role is dependent on Excel to perform day to day duties as well as data analysis and visualization. Microsoft Excel is available in both offline (Excel 2019) and online (Office 365) versions. If you are new to Excel or use this program day in day out, then this book will surely clear your logics and concepts of excel.This book starts with an introduction to Excel program and an overview of its interface and move towards an explanation of new features being introduced in Excel 2019 and Office 365, then an in-depth discussion on entering and transforming data. Understanding different formulas and functions with practical exercises. Afterwards, how to perform data analysis and present it using different data visualization tools. Finally, extracting data and automation of tasks through Macros.After going through this book, you will become conceptually strong in using various features of Excel. You will increase your productivity by understanding and using the right tool for the related data set.What will you learnBy the end of the book, you will come across many case studies to put your knowledge to practice and understand many tools to solve real-life business problems such as importing data into Excel from different sources, data cleaning through various tools including flash fill, bringing data together into one place using lookup functionality, analysing it to get insights through pivot tables & what if analysis, generating forecast based on past trends, exporting final reports, understanding Power features like Power Pivot/Query/Map and automating manual processes through Macros . Remember to practice along with sample data files provided in the exercise files bundle of the book to master these techniques.Who this book is forThis book is for anyone who is either new to Excel or daily Excel user. This book will take you from basic concepts1 of Excel to Advanced level. Whether you belong to any industry or serving any department, as an Excel user, this book will make you a Pro in Excel.Table of contents1. What's New in Excel 2019/Office 3652. Entering Data in Excel3. Transforming and Managing Data4. Formulas and Functions5. Data Analysis6. Data Visualization7. Data Extraction8. Automation in Excel through MacrosAbout the authorLokesh Lalwani, is a Microsoft Certified Office Expert with over a decade of experience in the field of training. He is a seasoned entrepreneur and Co-founder of a renowned corporate training firm - Nurture Tech Academy. He has conducted 1,000 plus corporate workshops on various technologies like Advanced Excel, Business Presentations, Power BI etc. and trained over 12,000 professionals. He is also sharing his knowledge through 5 pre-recorded courses ,on above mentioned technologies, over world's most popular E-learning platforms with an average rating of 4.5/5 from over 15,000 learners. He believes in "e;life is learning"e;.His Blog links: https://www.nurturetechacademy.in/blog/His LinkedIn Profile: https://in.linkedin.com/in/lokesh-lalwani-7a6b6b55

The go to resource for how to use Excel dashboards and reports to better conceptualize data Many Excel books do an adequate job of discussing the individual functions and tools that can be used to create an "Excel Report." What they don't offer is the most effective ways to present and report data. Offering a comprehensive review of a wide array of technical and analytical concepts, Excel Reports and Dashboards helps Excel users go from reporting data with simple tables full of dull numbers, to presenting key information through the use of high-impact, meaningful reports and dashboards that will wow management both visually and substantively. Details how to analyze large amounts of data and report the results in a meaningful, eye-catching visualization Describes how to use different perspectives to achieve better visibility into data, as well as how to slice data into various views on the fly Shows how to automate redundant reporting and analyses Part technical manual, part analytical guidebook, Excel Dashboards and Reports is the latest addition to the Mr. Spreadsheet's Bookshelf series and is the leading resource for learning to create dashboard reports in an easy-to-use format that's both visually attractive and effective.

Completely updated guide for scientists, engineers and students who want to use Microsoft Excel 2007 to its full potential. Electronic spreadsheet analysis has become part of the everyday work of researchers in all areas of engineering and science. Microsoft Excel, as the industry standard spreadsheet, has a range of scientific functions that can be utilized for the modeling, analysis and presentation of quantitative data. This text provides a straightforward guide to using these functions of Microsoft Excel, guiding the reader from basic principles through to more complicated areas such as formulae, charts, curve-fitting, equation solving, integration, macros, statistical functions, and presenting quantitative data. Content written specifically for the requirements of science and engineering students and professionals working with Microsoft Excel, brought fully up to date with the new Microsoft Office release of Excel 2007. Features of Excel 2007 are illustrated through a wide variety of examples based in technical contexts, demonstrating the use of the program for analysis and presentation of experimental results. Updated with new examples, problem sets, and applications.

USE EXCEL'S STATISTICAL TOOLS TO TRANSFORM YOUR DATA INTO KNOWLEDGE Nationally recognized Excel expert Conrad Carlberg shows you how to use Excel 2016 to perform core statistical tasks every business professional, student, and researcher should master. Using real-world examples and downloadable workbooks, Carlberg helps you choose the right technique for each problem and get the most out of Excel's statistical features. Along the way, he clarifies confusing statistical terminology and helps you avoid common mistakes. You'll learn how to use correlation and regression, analyze variance and covariance, and test statistical hypotheses using the normal, binomial, t, and F distributions. To help you make accurate inferences based on samples from a population, Carlberg offers insightful coverage of crucial topics ranging from experimental design to the statistical power of F tests. Updated for Excel 2016, this guide covers both modern consistency functions and legacy compatibility functions. Becoming an expert with Excel statistics has never been easier! In this book, you'll find crystal-clear instructions, insider insights, and complete step-by-step guidance. Master Excel's most useful descriptive and inferential statistical tools Understand how values cluster together or

disperse, and how variables move or classify jointly Tell the truth with statistics—and recognize when others don't Infer a population's characteristics from a sample's frequency distribution Explore correlation and regression to learn how variables move in tandem Use Excel consistency functions such as STDEV.S( ) and STDEV.P( ) Test differences between two means using z tests, t tests, and Excel's Data Analysis Add-in Identify skewed distributions using Excel's new built-in box-and-whisker plots and histograms Evaluate statistical power and control risk Explore how randomized block and split plot designs alter the derivation of F-ratios Use coded multiple regression analysis to perform ANOVA with unbalanced factorial designs Analyze covariance with ANCOVA, and properly use multiple covariance Take advantage of Recommended PivotTables, Quick Analysis, and other Excel 2016 shortcuts

* The only book on the market dedicated to the What-If functions and tools built into Excel, which are key to many business analysis scenarios. * Focused and to the point – where other Excel books force the reader to wade through 100's of pages of related information and commit hours of reading, this book gets straight to the topic of teaching the reader about What-If scenario tools in Excel. * Offers the deepest tutorial treatment of the Solver add-in, the Goal Seeker and the other What-If scenario analysis tools, in a practical, hands-on exercises approach to using Excel to get business results.

Although many people rarely go from Excel into Access or vice versa, you should know that Microsoft actually designed these applications to work together. In this book, you'll discover how Access benefits from Excel's flexible presentation layer and versatile analysis capabilities, while Access's relational database structure and robust querying tools enhance Excel. Once you learn to make the two work together, you'll find that your team's productivity is the real winner.

You too can understand the statistics of life, even if you're math-challenged! What do you need to calculate? Manufacturing output? A curve for test scores? Sports stats? You and Excel can do it, and this non-intimidating guide shows you how. It demystifies the different types of statistics, how Excel functions and formulas work, the meaning of means and medians, how to interpret your figures, and more — in plain English. Getting there — learn how variables, samples, and probability are used to get the information you want Excel tricks — find out what's built into the program to help you work with Excel formulas Playing with worksheets — get acquainted with the worksheet functions for each step Graphic displays — present your data as pie graphs, bar graphs, line graphs, or scatter plots What's normal? — understand normal distribution and probability Hyping hypotheses — learn to use hypothesis testing with means and variables When regression is progress — discover when and how to use regression for forecasting What are the odds — work with probability, random variables, and binomial distribution Open the book and find: Ten statistical and graphical tips and traps The difference between descriptive and inferential statistics Why graphs are good How to measure variations What standard scores are and why they're used When to use two-sample hypothesis testing How to use correlations Different ways of working with probability