Excel By Example A Microsoft Excel Cookbook For Electronics Engineers

CD-ROM contains: Premium Solver for Education -- Solver Table add-in software -- Extend LT 4.0 (simulation software) -- TreePlan -- GLP, a graphic visualization program -- Excel templates for in-text examples.

The material in this book covers everything needed to become proficient in Excel. In writing this guide, we have been very careful to make this tutorial a generic one, not based on any particular version of Excel. The information contained in this book covers the essence of Microsoft Excel. That is, the topics taught are valid for all versions of the application. We believe that it is in the interest of our readers to learn Excel and the topics that make up the fundamentals of the application as a Spreadsheet program. Version-specific features can always be learnt while using that particular version of the application.

Discover an accessible introduction to business statistics as ESSENTIALS OF MODERN BUSINESS STATISTICS, 7E balances a conceptual understanding of statistics with real-world applications of statistical methodology. The book integrates Microsoft Excel 2016, providing step-by-step instructions and screen captures to help readers master the latest Excel tools. Extremely reader-friendly, this edition includes numerous tools to maximize the user's success, including Self-Test Exercises, margin annotations, insightful Notes and Comments, and real-world Methods and Applications exercises. Eleven new Case Problems, as well as new Statistics in Practice applications and real data examples and exercises, give readers opportunities to put concepts into practice. Readers find everything needed to acquire key Excel 2016 skills and gain a strong understanding of business statistics. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The spreadsheet has become a ubiquitous engineering tool, and Microsoft Excel is the standard spreadsheet software package. Over the years, Excel has become such a complex program that most engineers understand and use only a tiny part of its power and features. This book is aimed at electronics engineers and technicians in particular, showing them how to best use Excel's features for computations, circuit modeling, graphing, and data analysis as applied to electronics design. Separate chapters cover lookup tables and file I/O, using macros, graphing, controls, using Analysis Toolpak for statistical analysis, databases, and linking into Excel from other sources, such as data from a serial port. The book is basically an engineering cookbook, with each chapter providing tutorial information along with several Excel "recipes" of interest to electronics engineers. The accompanying CD-ROM features ready-to-run, customizable Excel worksheets derived from the book examples, which will be useful tools to add to any electronics engineer's spreadsheet toolbox. Engineers are looking for any and all means to increase their efficiency and add to their "bag of design tricks." Just about every electronics engineer uses Excel but most feel that the program has many more features to offer, if they only knew what they were! The Excel documentation is voluminous and electronics engineers don't have the time to read it all and sift through looking for those features that are directly applicable to their jobs and figure out how to use them. This book does that task for them-pulls out those features that they need to know about and shows them how to make use of them in specific design examples that they can then tailor to their own design needs. *This is the ONLY book to deal with Excel specifically in the electronics field *Distills voluminous and time-consuming Excel documentation down to nitty-gritty explanations of those features that are directly applicable to the electronics engineer's daily job duties *The accompanying CD-ROM provides ready-to-use, fully-customizable worksheets from the book's examples

This manual includes an Excel primer providing basic instructions on using Windows and Excel. Excel Tutorials appear at the end of pertinent chapters. Self-test questions, key terms, formulas and symbols are included.

Designed for computerized accounting, introduction to management accounting, and cost accounting courses, this text introduces accounting students to the fundamental tools and techniques available in Microsoft Excel spreadsheet software.

Corporate Financial Analysis with Microsoft® Excel® visualizes spreadsheets as an effective management tool both for financial analysis and for coordinating its results and actions with marketing, sales, production and service operations, quality control, and other business functions. Taking an integrative view that promotes teamwork across corporate functions and responsibilities, the book contains dozens of charts, diagrams, and actual Excel® screenshots to reinforce the practical applications of every topic it covers. The first two sections— Financial Statements and Cash Budgeting— explain how to use spreadsheets for: Preparing income statements, balance sheets, and cash flow statements Performing vertical and horizontal analyses of financial statements Determining financial ratios and analyzing their trends and significance Combining quantitative and judgmental techniques to improve forecasts of sales revenues and customer demands Calculating and applying the time value of money Managing inventories, safety stocks, and the allocation of resources The third and final section—Capital Budgeting— covers capital structure, the cost of capital, and leverage; the basics of capital budgeting, including taxes and depreciation; applications, such as new facilities, equipment replacement, process improvement, leasing versus buying, and nonresidential real estate; and risk analysis of capital budgets and the potential impacts of unforeseen events. Corporate Financial Analysis with Microsoft® Excel® takes a broad view of financial functions and responsibilities in relation to those of other functional parts of modern corporations, and it demonstrates how to use spreadsheets to integrate and coordinate them. It provides many insightful examples and case studies of real corporations, including Wal- Mart, Sun Microsystems, Nike, H. J. Heinz, Dell, Microsoft, Apple Computer, and IBM. Corporate Financial Analysis with Microsoft® Excel® is the ideal tool for managing your firm's short-term operations and long-term capital investments.

To help new researchers use statistics from simple descriptive statistics through to the power of inferential statistics. The book is a step by step guide which makes no assumptions about prior knowledge of the subject. There are many worked examples and appropriate diagrams and figures. As Excel functions are used in the exploration of statistics very few mathematical equations are needed. The book contains numerous self tests, exercises and assignments and appropriate solutions are available on the web. This makes the book both student and teacher friendly. 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.

Master the art of loading external data into Excel for use in reporting, charting, dashboarding, and business intelligence. This book provides a complete and thorough explanation of Microsoft Excel's Get and Transform feature set, showing you how to connect to a range of external databases and other data sources to find data and pull that data into your local spreadsheet for further analysis. Leading databases are covered, including Microsoft Azure data sources and web sources, and you will learn how to access those sources from your Microsoft Excel spreadsheets. Getting data into Excel is a prerequisite for using Excel's analytics capabilities. This book takes you beyond copying and pasting by showing you how to connect to your corporate databases that are hosted in the Azure cloud, and how to pull data from Oracle Database and SQL Server, and other sources. Accessing data is only half the problem, and the other half involves cleansing and rearranging your data to make it useful in spreadsheet form. Author Adam Aspin shows you how to create datasets and transformations. For advanced problems, there is help on the M language that is built into Excel, specifically to support mashing up data in support of business intelligence and analysis. If you are an Excel user, you won't want to be without this book that teaches you to extract and prepare external data ready for use in what is arguably the world's leading analytics tool. What You Will Learn Connect to a range of external data, from databases to Azure sources Ingest data directly into your spreadsheets, or into PowerPivot data models Cleanse and prepare external data so it can be used inside Excel Refresh data quickly and easily to always have the latest information Transform data into ready-to-use structures that fit the spreadsheet format Execute M language functions for complex data transformations Who This Book Is For Excel users who want to access data from external sources—including the Microsoft Azure platform—in order to create business intelligence reporting, dashboards, and visualizations. For Excel users needing to cleanse and rearrange such data to meet their own, specific needs.

Bridge the big data gap with Microsoft Business Intelligence Tools for Excel Analysts The distinction between departmental reporting done by business analysts with Excel and the enterprise reporting done by IT departments with SQL Server and SharePoint tools is more blurry now than ever before. With the introduction of robust new features like PowerPivot and Power View, it is essential for business analysts to get up to speed with big data tools that in the past have been reserved for IT professionals. Written by a team of Business Intelligence experts, Microsoft Business Intelligence Tools for Excel Analysts introduces business analysts to the rich toolset and reporting capabilities that can be leveraged to more effectively source and incorporate large datasets in their analytics while saving them time and simplifying the reporting process. Walks you step-by-step through important BI tools like PowerPivot, SQL Server, and SharePoint and shows you how to move data back and forth between these tools and Excel Shows you how to leverage relational databases, slice data into various views to gain different visibility perspectives, create eye-catching visualizations and dashboards, automate SQL Server data retrieval and integration, and publish dashboards and reports to the web Details how you can use SQL Server's built-in functions to analyze large amounts of data, Excel pivot tables to access and report OLAP data, and PowerPivot to create powerful reporting mechanisms You'll get on top of the Microsoft BI stack and all it can do to enhance Excel data analysis with this one-of-a-kind guide written for Excel analysts just like you.

Learn to Use Microsoft Office Excel 2016 The book gives a detailed introduction to Excel. It proceeds to teach basic concepts like row, columns, ribbon, worksheet, shortcuts. Later provides a detailed explanation of Formulas, Operators, and Functions. The book also briefly touches the concept of VBA. Pivot Tables, Connection to external Data Sources included. The book also includes a case study to Managing personal finance using Microsoft Excel. Table Of Content Chapter 1: Introduction 1. What is Microsoft Excel? 2. Why should I learn Microsoft Excel? 3. The difference between excel and CSV file 4. Running Microsoft Excel 5. Understanding the Ribbon 6. Understanding the worksheet (Rows and Columns, Sheets, Workbooks) 7. Customization Microsoft Excel Environment 8. Important Excel shortcuts Chapter 2: Getting Started 1. Basic Arithmetic 2. Formatting data 3. Setting the print area and printing (Print View) 4. Adding images to spreadsheets 5. Data validation 6. Data filters 7. Group and Ungroup Chapter 3: Formula & Functions 1. What is a formula? 2. What is a function? 3. Common functions 4. Numeric functions 5. String functions 6. Date Time functions 7. V Lookup function Chapter 4: Operators 1. What is a Logical Function? 2. What is a condition and why does it matter? 3. IF function example 4. Excel Logic functions 5. Nested IF functions Chapter 5: Charts 1. What is a chart? 2. Types of charts 3. The importance of charts 4. Step by step example of creating charts 5. Conditional Formatting Chapter 6: Case Study: Personal Finance Application using Excel 1. Why managing personal finance matters 2. Major components of a personal finance system 3. Using Excel to set personal budgets, record income and expenses 4. Visualizing the data using charts Chapter 7: Macros 1. What is a macro? 2. Macro Basics 3. Step by step example of recording macros 4. What is VBA? 5. Visual Basic for Applications VBA basics 6. Step by step example of creating a simple EMI calculator Chapter 8: Connecting Excel to External Data Sources 1. What is external data source? 2. MS Access external data source 3. Web external data source 4. Text file external data source 5. SQL Server external data source Chapter 9: Pivot Tables 1. What is a pivot table? 2. Step by step tutorial on creating pivot tables 3. 2-Dimensional pivot tables 4. Visualizing pivot table data using charts Chapter 10: Advanced Charts 1. What is an advanced chart? 2. The importance of advanced charts 3. Step by step example of creating advanced charts Chapter 11: Excel in the cloud: Office 365 1. Introduction to cloud computing 2. What is Office 365? 3. Advantages of Office 365 4. Disadvantages of Office 365

Special Edition Using Microsoft Office Excel 2007 will ease the upgrade path to the lastest version of Microsoft best-selling spreadsheet program. The author, "Mr. Excel " introduces you to the new interface, allowing you to quickly get back up-to-speed in performing your job, and will then introduce the powerful new features available in Excel 2007. Among other skills, you will learn how to create amazing data visualizations using conditional formatting and in-cell data bars. This is the only book you need on Microsoft Office Excel 2007! " Excel 2007 is the biggest, most exciting release of Excel ever. This book's straightforward approach explains the most important features of Excel 2007 in a thorough, easy-to-understand format. Further, it clearly compares

older versions of Excel with Excel 2007, which makes for a seamless transition to this newest version of the program. It is a must-have desk reference for today's business professional." -David Gainer, Group Program Manager, Microsoft Excel THE ONLY EXCEL BOOK YOU NEED We crafted this book to grow with you, providing the reference material you need as you move toward Excel proficiency and use of more advanced features. If you buy only one book on Excel, Special Edition Using Microsoft® Office Excel® 2007 is the book you need. Does your life play out in a spreadsheet? Do numbers in columns and rows make or break you in the work world? Tired of having numbers kicked in your face by other Excel power users who make your modest spreadsheets look paltry compared to their fancy charts and pivot tables? If you answered yes to any of these questions, Special Edition Using Microsoft® Office Excel® 2007 is the bookthat will make it all better. Learn quickly and efficientlyfrom a true Excel master using the tried and true SpecialEdition Using formula for success. Here, you'll findinformation that's undocumented elsewhere-even inMicrosoft's own Help systems. You'll learn from finelycrafted, real-life examples built by an author who livesand dies by the integrity of his spreadsheets. Excel's backbone is its formulas and functions. Master those and you will master your spreadsheets. Special Edition Using Microsoft Office® Excel® 2007 provides more down and dirty help with your formulas and functions than you'll find in any other book! See how it's done in real life! Don't settle for lame pivot table and chart examples found in other books... This book provides beautifully detailed examples that not ...

Beginning Microsoft Excel 2010 is a practical, step-by-step guide to getting started with the world's most widely-used spreadsheet application. The book offers a hands-on approach to learning how to create and edit spreadsheets, use various calculation formulas, employ charts/graphs, and get work done efficiently. Microsoft rolled out several new features with Excel 2010—perhaps the most notable was the ability to use Excel 2010 online and collaborate on a project in real time. Beginning Microsoft Office 2010 keeps you up-to-date with all of these features and more.

Provides step-by-step instructions on using Microsoft Excel to schedule jobs, create budgets, manage processes, and share project information.

This book is the third and final book in the Microsoft VBA Codes Are Fun, Simple, and Easy to Learn In One Hour or Less series. Since I've already explained Microsoft VBA statements, built-in objects, arrays, variables, integers, Sub, Private Sub and Public Sub tags in my previous books, I won't be explaining them in this one. I also use everyday language with pictorial examples to explain how to understand and write Microsoft loop statements in both Word and Excel. This book contains more than 12 complete VBA Loop Statements or codes for both Microsoft Excel and Word that will allow the user to complete everyday tasks in seconds: aligning all normal text paragraphs, centering all header text, centering all images and photographs, while ignoring text and headers; there's also VBA codes in this book that will simultaneously re-size all images in a user's document, delete extra paragraph lines, insert empty paragraph lines, loop through spreadsheets and add custom Sparklines.

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.

Discussing the art of spreadsheet design specifically for Excel users, this guide shows how to construct spreadsheets that can be modified easily even months later, with tips for producing professional, informative layouts.

SUCCEEDING IN BUSINESS WITH MICROSOFT OFFICE EXCEL 2013 prepares your students to solve business problems by moving beyond the basic point and click skills to think critically about realistic business situations. When students combine software analysis with their own decision making abilities, they are more likely meet any business challenge with success. The Succeeding in Business Series emphasizes problem-solving, critical thinking, and analysis - challenging students to find efficient and effective solutions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Updated for Excel 2019 and based on the bestselling editions from previous versions, Microsoft Excel 2019 Programming by Example with VBA, XML and ASP is a practical, how-to book on Excel programming, suitable for readers already proficient with the Excel user interface (UI). If you are looking to automate Excel routine tasks, this book will progressively introduce you to programming concepts via numerous illustrated hands-on exercises. More advanced topics are demonstrated via custom projects. From recording and editing a macro and writing VBA code to working with XML documents and using Classic ASP pages to access and display data on the Web, this book takes you on a programming journey that will change the way you work with Excel. The book provides information on performing automatic operations on files, folders, and other Microsoft Office applications. It also covers proper use of event procedures, testing and debugging, and guides you through programming advanced Excel features such as PivotTables, PivotCharts, and the Ribbon interface. Features: Contains 28 chapters loaded with illustrated "Hands-On" exercises and projects that guide you through the VBA programming language. Each example tells you exactly where to enter code, how to test it, and then run it. Takes you from introductory topics--including recording and editing macros, using variables, and constants, writing subroutines/functions, conditional statements, and various methods of coding loops to repeat actions--to intermediate and advanced topics that include working with collections, class modules, arrays, file and database access, custom forms, error handling and debugging. Includes comprehensive coverage of native file handling in VBA, Windows Scripting Host (WSH), and low-level File Access. Demonstrates how to interact with Microsoft Access databases using both ADO and DAO Object Libraries to access and manipulate data. Includes chapters on programming charts, PivotTables, dialog boxes, custom forms, the Ribbon, Backstage View, context/shortcut menu customizations, as well as proper use of event procedures and callbacks. Provides a quick, "Hands-On" introduction to the data analysis and transformation processes using the Power Query feature and the "M" language formulas. Provides a practical coverage of using Web queries, HTML, XML, and VBScript in Classic ASP to retrieve and

publish Excel data to the Web. ON THE COMPANION FILES (also available for download from the publisher by emailing proof of purchase to info@merclearning.com) All source code and supplemental files for the "Hands-On" exercises and custom projects All images from the text (including 4-color screenshots)

Introduces the fundamental tools and techniques available in Excel. Provides step by step examples and applications.

MASTER CORE EXCEL 2010 TOOLS FOR BUILDING POWERFUL, RELIABLE SPREADSHEETS! Excel expert Paul McFedries shows how to use Excel 2010's core features to solve problems and get the answers you need! Using real-world examples, McFedries helps you get the absolute most out of breakthrough Excel 2010 improvements–from Sparklines to the brand-new version of Solver. Along the way, you'll discover the fastest, best ways to handle essential day-to-day tasks ranging from generating account numbers to projecting the impact of inflation.Becoming an Excel expert has never been easier! You'll find crystal-clear instructions… insider insights… even complete step-by-step projects for building timesheets, projecting cash flow, aging receivables, analyzing defects, and more. Create more powerful formulas Use conditional formatting to instantly reveal anomalies, problems, or opportunities Analyze your data with standard tables and PivotTables Use complex criteria to filter data in lists Understand correlations between data Perform sophisticated what-if analyses Use regression to track trends and make forecasts Build loan, investment, and discount formulas Troubleshoot problems with formulas, ranges, and functions About MrExcel Library: Every book in the MrExcel Library pinpoints a specific set of crucial Excelskills, and presents focused tasks and examples for performing them rapidly and effectively. Selectedby Bill Jelen, Microsoft Excel MVP and mastermind behind the leading Excel solutions website MrExcel.com, these books will: Dramatically increase your productivity—saving you 50 hours a year, or more Present proven, creative strategies for solving real-world problems Show you how to get great results, no matter how much data you have Help you avoid critical mistakes that even experienced users make

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.

The next wave of business intelligence, Self-Service BI, seeks to meet the demands of powerful hardware and shorter decision time frames. This book introduces PowerPivot for Excel and SharePoint, showing you how to use this innovative software for self-service analytics and reporting. Authored by key members of the Microsoft team that built the product, this book will guide you through the use of in-memory BI server technology, data analytics eXpressions, and report gallery. The book also discusses how to deploy and manage sandbox servers, and a companion website provides sample reports and applications.

Excel 2007 Programming by Example with XML and ASP offers a hands-on approach for those looking to extend and customize Excel functionality. From recording a simple macro and writing VBA code to working with XML documents and using ASP to accss and display data, this book takes you on a progrmming journey that will change the way you work with Excel. Learn how to automate spreadsheet tasks with macros; write VBA code to program PivotTables, generate charts, build dialog boxes, and customize the Ribbon; handle errors and debug programs; create hyperlinks and publish HTML files. Retrieve data from the web directly into Excel; develop and manipulate smart tags using XML.

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

Everyone is looking for ways to save money these days. That can be hard to do for businesses that have complex needs, such as custom software applications. However, VBA and Macros for Microsoft Excel can teach you ways to customize pre-existing software to meet your specific needs. A variety of topics are covered that are sure to give you a solid knowledge of the VBA language. Event programming, user forms, carts, pivot tables, multi-dimensional arrays and Web queries are just a few of the areas you will learn about in this book. Written by the principal behind the leading Excel Web site, www.mrexcel.com, this book is sure to save you time and money!

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 book integrates technology into the practical introduction of statistics — both Microsoft Excel and MINITAB are incorporated as tools for data analysis. These Excel and MINITAB tutorials give users access to step-by-step instructions and screen shots for using the software to perform the statistical techniques presented in the chapter. Real-world applications and critical thinking skills are emphasized throughout that will allow readers to realize greater success in the workplace.Reorganized content — Rank tests are integrated throughout, dot plots added in Chapter 2, cumulative binomial tables added to appendix, section on the normal approximation to the binomial distribution added to Chapter 6, and goodness-of-fit test of multinomial category probabilities added to Chapter 8. For use as an introduction to statistics reference with a background in college algebra.

This text presents statistical concepts and methods in a unified, modern, spreadsheet-oriented approach. Featuring a wealth of business applications, this examples-based text illustrates a variety of statistical methods to help students analyze data sets and uncover important information to aid decision-making. DATA ANALYSIS FOR MANAGERS contains professional StatPro add-ins for Microsoft Excel from Palisade, valued at one hundred fifty dollars packaged at no additional cost with every new text.

In this completely updated edition covering Excel 2013 and previous versions, Microsoft Excel Functions & Formulas 3/e demonstrates the secrets of Excel through the use of practical and useful examples in a quick reference format. Easy to use and equipped with a variety of functions, Microsoft Excel is the tool of choice when it comes to crunching numbers, building charts, and analyzing tables. The book's extensive examples and added video tutorials make it an excellent resource for all Excel users who want to understand, create, and apply formulas. Experienced users will also find Microsoft Excel Functions & Formulas 3/e an excellent reference for many of the program's advanced formulas and functions. The text is easy to understand with numerous step-by-step instructions and the actual, ready to use, Excel screenshots of the input and output from the formulas. A CD-ROM accompanies the book with video tutorials, worksheet files of examples for numerous functions, formulas, and all the figures from the text. FEATURES *Includes a companion disc with video tutorials, over 250 Excel worksheet examples, and all figures from the text *Completely updated to cover Microsoft Excel 2013 and based on the bestselling editions from previous versions *Saves hundreds of hours with the latest Excel tips and shortcuts *Written by a proven author with Microsoft Valued Professional(MVP) status

Designed as a hands-on manual for beginners as well as longtime spreadsheet users, the reader will learn how to build spreadsheets from scratch, use them to analyze issues, and to create graphics presentation. Key lessons include Spreadsheets 101: how to get started for beginners; Advanced Spreadsheets: how to use formulas to calculate values for settlement offers, and damages, business deals; Simple Graphics and Charts: how to make sophisticated charts for the court or to impress your clients; and sorting and filtering data and more.

Easy to use and equipped with a variety of functions, Microsoft Excel is the tool of choice when it comes to crunching numbers, building charts, and analyzing tables. But most users only scratch the surface of the program's functionality, especially the built-in formulas designed to make everyday operations and real-world tasks more efficient. Microsoft Excel Functions & Formulas demonstrates the secrets of Excel functions through the use of practical and useful examples in a quick reference format. Topics include logical, text, date and time, basic statistical, mathematical, financial, database, and lookup and reference functions as well as conditional formatting with formulas, array formulas, and user-defined functions. This book's extensive examples make it an excellent tutorial for all Excel users who want to understand, create, and apply formulas. Intermediate and advanced users will find Microsoft Excel Functions & Formulas an excellent reference to many of the program's advanced formulas and functions.

This supplement can be used in any analytical chemistry course. The exercises teaches you how to use Microsoft Excel using applications from statistics, data analysis equilibrium calculations, curve fitting, and more. Operations include everything from basic arithmetic and cell formatting to Solver, Goal Seek, and the Data Analysis Toolpak. The authors show you how to use a spreadsheet to construct log diagrams and to plot the results. Statistical data treatment includes descriptive statistics, linear regression, hypothesis testing, and analysis of variance. Tutorial exercises include nonlinear regression such as fitting the Van Deemter equation, fitting kinetics data, determining error coefficients in spectrophotometry, and calculating titration curves. Additional features include solving complex systems of equilibrium equations and advanced graphical methods: error bars, charts with insets, matrices and determinants, and much more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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