Analyzing Business Data With Excel

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

Manage, analyze, and visualize data with Microsoft Excel 2013 to transform raw data into ready to use information About This Book Create formulas to help you analyze and explain findings Develop interactive spreadsheets that will impress your audience and give them the ability to slice and dice data A step-by-step guide to learn various ways to model data for businesses with the help of Excel 2013 Who This Book Is For If you want to start using Excel 2013 for data analysis and business modeling and enhance your skills in the data analysis life cycle then this book is for you, whether you're new to Excel or experienced. What You Will Learn Discover what Excel formulas are all about and how to use them in your spreadsheet development Identify bad data and learn cleaning strategies Create interactive spreadsheets that engage and appeal to your audience Leverage Excel's powerful built-in tools to get the median, maximum, and minimum values of your data Build impressive tables and combine datasets using Excel's built-in functionality Learn the powerful scripting language VBA, allowing you to implement your own custom solutions with ease In Detail Excel 2013 is one of the easiest to use data analysis tools you will ever come across. Its simplicity and powerful features has made it the go to tool for all your data needs. Complex operations with Excel, such as creating charts and graphs, visualization, and analyzing data make it a great tool for managers, data scientists, financial data analysts, and those who work closely with data. Learning data analysis and will help you bring your data skills to the next level. This book starts by walking you through creating your own data and bringing data into Excel from various sources. You'll learn the basics of SQL syntax and how to connect it to a Microsoft SQL Server Database using Excel's data connection tools. You will discover how to spot bad data and strategies to clean that data to make it useful to you. Next, you'll learn to create custom columns, identify key metrics, and make decisions based on business rules. You'll create macros using VBA and use Excel 2013's shiny new macros. Finally, at the end of the book, you'll be provided with useful shortcuts and tips, enabling you to do efficient data analysis and business modeling with Excel 2013. Style and approach This is a step-by-step guide to performing data analysis and business modelling with Excel 2013, complete with examples and tips.

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.* Table of Contents: Chapter 1. SortChapter 2. FilterChapter 3. Conditonal FormattingChapter 4. ChartsChapter 5. Pivot TablesChapter 6. TablesChapter 7. What-If AnalysisChapter 8. SolverChapter 9. Analysis

ToolPak+ Provides a clear look at power-using Excel, the world's leading spreadsheet application from Microsoft+ Expands your Excel knowledge and helps you use Excel data more efficiently+ Demonstrates how to retrieve data from databases; cut, slice, and pivot data using PivotTables; model data and chart data; and use advanced formulas+ Includes practical examples, tips to help you get the most out of Excel's features and function

A practical guide to data mining using SQL and Excel Data Analysis Using SQL and Excel, 2nd Edition shows you how to leverage the two most popular tools for data query and analysis—SQL and Excel—to perform sophisticated data analysis without the need for complex and expensive data mining tools. Written by a leading expert on business data mining, this book shows you how to extract useful business information from relational databases. You'll learn the fundamental techniques before moving into the "where" and "why" of each analysis, and then learn how to design and perform these analyses using SQL and Excel. Examples include SQL and Excel code, and the appendix shows how non-standard constructs are implemented in other major databases, including Oracle and IBM DB2/UDB. The companion website includes datasets and Excel spreadsheets, and the book provides hints, warnings, and technical asides to help you every step of the way. Data Analysis Using SQL and Excel, 2nd Edition shows you how to perform a wide range of sophisticated analyses using these simple tools, sparing you the significant expense of proprietary data mining tools like SAS. Understand core analytic techniques that work with SQL and Excel Ensure your analytic approach gets you the results you need Design and perform your analysis using SQL and Excel Data Analysis Using SQL and Excel, 2nd Edition shows you how to best use the tools you already know to achieve expert results.

Leverage the power of SQL and Excel to perform business analysis Three key efforts are essential to effectively transform data into actionable information: retrieving data with SQL, presenting data with Excel, and understanding statistics as the foundation of data analysis. Data mining expert Gordon Linoff focuses on these topics and shows you how SQL and Excel can be used to extract business information from relational databases. He begins by taking a look at how data is central to the task of understanding customers, products, and markets, and he then goes on to show you how to use that data to define business dimensions, store transactions about customers, and summarize important data to produce results. Along the way, he shares stories based on his personal experience in the field, intended to enrich your understanding of why some things work--and others don't. Each chapter explains when and why to perform a particular type of business analysis in order to obtain useful results, how to design and perform the analysis using SQL and Excel, and what you can expect the results to look like. Throughout the book, critical features of Excel are highlighted, interesting uses of Excel graphics are explained, and dataflows and graphical representations of data processing are used to illustrate how SQL works. "Data Analysis Using SQL and Excel" shares hints, warnings, and

technical asides about Excel, SQL, and data analysis/mining. The book also discusses: How entity-relationship diagrams describe the structure of data Ways to use SQL to generate SQL queries Descriptive statistics, such as averages, p-values, and the chi-square test How to incorporate geographic information into data analysis Basic ideas of hazard probabilities and survival How data structures summarize what a customer looks like at a specific point in time Several variants of linear regression The companion Web site provides the data sets, Excel spreadsheets, and examples featured in the book.

Excel is the number-one spreadsheet application, with ever-expanding capabilities. If you're only using it to balance the books, you're missing out on a host of functions that can benefit your business or personal finances by uncovering trends and other important information hidden within the numbers.

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

Do you use Excel for simple lists, but get confused and frustrated when it comes to actually doing something useful with all that data? Stop tearing your hair out: Head First Excel helps you painlessly move from spreadsheet dabbler to savvy user. Whether you're completely new to Excel or an experienced user looking to make the program work better for you, this book will help you incorporate Excel into every aspect of your workflow, from a scratch pad for data-based brainstorming to exploratory analysis with PivotTables, optimizing outcomes with Goal Seek, and presenting your conclusions with sophisticated data visualizations. Organize and clearly present information in a spreadsheet Make calculations across a number of worksheets Change your point of view with sorting, zooming, and filtering Manipulate numerical data to extract and use just what you need Leverage Excel as a grid-based layout program Write formulas for optimal functionality Nest formulas for more complex operations Create sophisticated data visualizations with charts and graphs Use Goal Seek to optimize possible outcomes

based on different assumptions Create summaries from large data sets for exploratory data analysis with PivotTables We think your time is too valuable to waste struggling with new concepts. Using the latest research in cognitive science and learning theory to craft a multi-sensory learning experience, Head First Excel uses a visually rich format designed for the way your brain works, rather than a text-heavy approach that will put you to sleep.

2020 UPDATED GUIDE TO MICROSOFT EXCEL 2019 This book is intended for anyone looking to learn the basics of applying Excel's robust Data analysis and statistical tools to their businesses or work activities. If understanding formulas and functions is a major challenge or you are not especially mathematically-inclined, or if you want a spreadsheet package to put your business or accounting needs together, then this is guide will help you. Here you'll learn how to use statistical tests and key data analysis using Excel 2019 without being confused by the underlying theory. This book clearly and methodically explains how to create and use Excel formulas and functions to solve everyday business problems. Excel 2019 is a readily available computer program for business owners and people who need to keep proper accounting. It is also an effective tool for quantitative analysis in Accounting, data analysis and business modeling courses. Excel's powerful numerical computational ability and graphical functions make learning this package a necessity. This illustrative guide shows Excel's capabilities and focuses on rendering the subject as simple as possible, appropriately and efficiently. Some of the unique features of this book include: -Steps to use Excel and a detailed explanation of each action so that you can understand how to apply them. -Specific objectives for each Excel function and how to apply them in your business. -Over 130 screenshots to help you carryout Excel calculations correctly -Some practical examples and problems taken from real business models. -Clear and straightforward explanation to Excel Functions and formulas without bogging you down with mathematical details. -To create each Excel file used in the illustrations yourself. Note that you are expected to develop an Excel file for your business. -Provision of ample practical illustrations on how to develop your Excel files. -how to perform complex calculations, and create a database. -You will also have insights to Excel features like Charts, Collaboration, Data Loss Protection, Smart Lookups, d104 lines in a cell, Enhanced PivotTable, Multi-select Slicer, etc. -A "List of Microsoft Excel Keyboard Shortcut Keys" is given in Appendix A. This book is appropriate for Data Analysis, Business Modeling and Accounting. It also helps users who wish to understand the basics as well as advanced Excel Functions or improve their Excel Application. Don't wait anymore, hit the BUY BUTTON to get it into your library.

Helping tech-savvy marketers and data analysts solve real-world business problems with Excel Using data-driven business analytics to understand customers and improve results is a great idea in theory, but in today's busy offices, marketers and analysts need simple, low-cost ways to process and make the most of all that data. This expert book offers the perfect solution. Written by data analysis expert Wayne L. Winston, this practical resource shows you how to tap a simple and cost-effective tool, Microsoft Excel, to solve specific business problems using powerful analytic techniques—and achieve optimum results. Practical exercises in each chapter help you apply and reinforce techniques as you learn. Shows you how to perform sophisticated business analyses using the cost-effective and widely available Microsoft Excel instead of expensive, proprietary analytical tools Reveals how to target and retain profitable customers and avoid high-risk customers Helps you forecast sales and improve response rates for marketing campaigns Explores how to optimize price points for products and services, optimize store layouts, and improve online advertising Covers social media, viral marketing, and how to exploit both effectively Improve your marketing results with Microsoft Excel and the invaluable techniques and ideas in Marketing Analytics: Data-Driven Techniques with Microsoft Excel.

The MicroStrategy Office User Guide covers the instructions for using MicroStrategy Office to work with MicroStrategy reports and documents in Microsoft? Excel, PowerPoint, Word, and Outlook, to analyze, format, and distribute business data.

In a world in which we are constantly surrounded by data, figures, and statistics, it is imperative to understand and to be able to use quantitative methods. Statistical models and methods are among the most important tools in economic analysis, decision-making and business planning. This textbook, "Exploratory Data Analysis in Business and Economics", aims to familiarise students of economics and business as well as practitioners in firms with the basic principles, techniques, and applications of descriptive statistics and data analysis. Drawing on practical examples from business settings, it demonstrates the basic descriptive methods of univariate and bivariate analysis. The textbook covers a range of subject matter, from data collection and scaling to the presentation and univariate analysis of quantitative data, and also includes analytic procedures for assessing bivariate relationships. It does not confine itself to presenting descriptive statistics, but also addresses the use of computer programmes such as Excel, SPSS, and STATA, thus treating all of the topics typically covered in a university course on descriptive statistics. The German edition of this textbook is one of the "bestsellers" on the German market for literature in statistics.

Why does the World Need—Excel Data Analysis, Modeling, and Simulation? When spreadsheets ?rst became widely available in the early 1980s, it spawned a revolution in teaching. What previously could only be done with arcane software and large scale computing was now available to the common-man, on a desktop. Also, before spreadsheets, most substantial analytical work was done outside the classroom where the tools were; spreadsheets and personal computers moved the work into the classroom. Not only did it change how the analysis curriculum was taught, but it also empowered students to venture out on their own to explore new ways to use the tools. I can't tell you how many phone calls, of?ce visits, and/or emails I have received in my teaching career from ecstatic students crowing about what they have just done with a spreadsheet model. I have been teaching courses related to spreadsheet based analysis and modeling for about 25 years and I have watched and participated in the spreadsheet revolution.

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.

Taking a thematic approach to the use of Excel spreadsheets in introductory business data analysis, this text has been

designed to explain the overall nature of what is to be achieved and also instruction in how it is to be done. The learning approach is highly interactive and enables students to develop an understanding of the power of Excel in allowing both analysis of business data sets and in the flexible preparation of graphs, charts and tables for inclusion in reports and essays. The text is supported by an online resource centre with self marking exercises that can be used by instructors for formative and summative assessment, and a series of PowerPoint files containing all of the illustrated worksheets and figures.

"Become a master of data analysis, modeling, and spreadsheet use with BUSINESS ANALYTICS: DATA ANALYSIS AND DECISION MAKING, 6E! This popular quantitative methods text helps you maximize your success with its proven teach-by-example approach, student-friendly writing style, and complete Excel 2016 integration. (It is also compatible with Excel 2013, 2010, and 2007.) The text devotes three online chapters to advanced statistical analysis. Chapters on data mining and importing data into Excel emphasize tools commonly used under the Business Analytics umbrella -- including Microsoft Excel's "Power BI" suite. Up-to-date problem sets and cases demonstrate how chapter concepts relate to real-world practice. In addition, the Companion Website includes data and solutions files, PowerPoint slides, SolverTable for sensitivity analysis, and the Palisade DecisionTools Suite (@RISK, BigPicture, StatTools, PrecisionTree, TopRank, RISKOptimizer, NeuralTools, and Evolver)."--from Publisher.

Master the business modeling and analysis techniques that help you transform data into bottom-line results. For more than a decade, Wayne Winston has been teaching corporate clients and MBA students the most effective ways to use Excel to solve business problems and make better decisions. Now this award-winning educator shares the best of his expertise in this hands-on, scenario-focused guide—fully updated for Excel 2010! Use Excel to solve real business problems—and sharpen your edge! Model investment risks and returns Analyze your sales team's effectiveness Create best, worst, and most-likely case scenarios Compare lease vs. buy, and calculate loan terms See how price, advertising, and seasonality affect sales Manage inventory with precision Quantify the value of customer loyalty Calculate your break-even number and ROI Maximize scheduling efficiency Express "home-field advantage" in real numbers Project company growth, predict election results, and more! Plus—introduce yourself to PowerPivot for Excel Your companion web content includes: Downloadable eBook Hundreds of scenario-based practice problems All the book's sample files—plus customizable templates

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. --
Today, interpreting data is a critical decision-making factor for businesses and organizations. If your job requires you to manage and analyze all kinds of data, turn to Head First Data Analysis, where you'll quickly learn how to collect and organize data, sort the distractions from the truth, find meaningful patterns, draw conclusions, predict the future, and present your findings to others. Whether you're a product developer researching the market viability of a new product or service, a marketing manager gauging or predicting the effectiveness of a campaign, a salesperson who needs data to support product presentations, or a lone entrepreneur responsible for all of these data-intensive functions and more, the unique approach in Head First Data Analysis is by far the most efficient way to learn what you need to know to convert raw data into a vital business tool. You'll learn how to: Determine which data sources to use for collecting information Assess data quality and distinguish signal from noise Build basic data models to illuminate patterns, and assimilate new information into the models Cope with ambiguous information Design experiments to test hypotheses and draw conclusions Use segmentation to organize your data within discrete market groups Visualize data distributions to reveal new relationships and persuade others Predict the future with sampling and probability models Clean your data to make it useful Communicate the results of your analysis to your audience Using the latest research in cognitive science and learning theory to craft a multi-sensory learning experience, Head First Data Analysis uses a visually rich format designed for the way your brain works, not a text-heavy approach that puts you to sleep.
As one of the most widely used desktop applications ever created, Excel is familiar to just about everyone with a computer and a keyboard. Yet most of us don't know the full extent of what Excel can do, mostly because of its recent growth in power, versatility, and complexity. The truth is that there are many ways Excel can help make your job easier-beyond calculating sums and averages in a standard spreadsheet. Analyzing Business Data with Excel shows you how to solve real-world business problems by taking Excel's data analysis features to the max. Rather than focusing on individual Excel functions and features, the book keys directly on the needs of business users. Most of the chapters start with a business problem or question, and then show you how to create pointed spreadsheets that address common data analysis issues. Aimed primarily at experienced Excel users, the book doesn't spend much time on the basics. After introducing some necessary general tools, it quickly moves into more specific problem areas, such as the following: Statistics Pivot tables Workload forecasting Modeling Measuring quality Monitoring complex systems Queuing Optimizing Importing data If you feel as though you're getting shortchanged by your overall application of Excel, Analyzing Business Data with Excel is just the antidote. It addresses the growing Excel data analysis market head on. Accountants, managers, analysts, engineers, and supervisors-one and all-will learn how to turn Excel functionality into actual solutions

for the business problems that confront them.

Master core Excel 2013 tools for building powerful, reliable spreadsheets! Excel expert Paul McFedries shows how to use Excel 2013'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 features and improvements ranging from FlashFill to Excel's newest functions. Along the way, you 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.. • Quickly create powerful spreadsheets with FlashFill • 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 • Validate data, troubleshoot problems, and build more accurate, trustworthy spreadsheets About MrExcel Library: Every book in the MrExcel Library pinpoints a specific set of crucial Excel tasks and presents focused skills and examples for performing them rapidly and effectively. Selected by Bill Jelen, Microsoft Excel MVP and mastermind behind the leading Excel solutions website MrExcel.com, these books will • 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 CATEGORY: Spreadsheets COVERS: Microsoft Office Excel 2013

Microsoft Excel is the world's most used business intelligence tool. Its knowledge is even compulsory for an MBA degree and the investment world depends greatly on it. This book is aimed at making you extremely good in using Microsoft Excel for business data analysis; teaching you with companion videos and practice files. It's intended for Sales Managers, Financial Analysts, Business Analysts, Data Analysts, MIS Analysts, HR Executives and frequent Excel users. It is written by Michael Olafusi a three time Microsoft Excel MVP (most valuable professional) and a full-time Microsoft Excel consultant. He is the founder of UrBizEdge, a business data analysis and Microsoft Excel consulting firm. He has trained hundreds of business professionals on Microsoft Excel and has used the experience gained from interacting with them both during such trainings and while consulting for companies to write this excellent guide for the busy professional who needs the improved work productivity Microsoft Excel provides.

In this book, the authors build on RExcel, a free add-in for Excel that can be downloaded from the R distribution network. RExcel seamlessly integrates the entire set of R's statistical and graphical methods into Excel, allowing students to focus on statistical methods and concepts and minimizing the distraction of learning a new programming language.

* Essential for those who know basic Excel and want to explore the full potential of the program * Teaches how to manipulate data to suit specific needs and achieve more by doing less work * Self-contained two-page lessons, featuring high-resolution screen shots and minimal text, show how to create custom functions, retrieve data from databases, use value chains, and slice and pivot information from the Web with Excel's PivotTable utility * Covers data analyzing techniques for statistical functions, financial functions, data sharing, PivotTables and PivotCharts, Solver, and BackSolver

Written by award-winning educator Wayne Winston, this hands-on, scenario-focused guide will help you apply Excel 2016's most valuable innovations for data analysis and business modeling. It's packed with realistic problems and solutions to help you gain mastery -- including over 150 that are new or revised. Coverage includes: Quickly transitioning from basic Excel to more sophisticated analytics Summarizing data with PivotTables and Descriptive Statistics Exploring new trends in predictive and prescriptive analytics Using Excel Trend Curves, multiple regression, and exponential smoothing Mastering advanced Excel functions such as OFFSET and INDIRECT Delving into key financial, statistical, and time functions Making charts more effective with Power View Tame complex optimization problems with Excel Solver Running Monte Carlo simulations on stock prices and bidding models Using Excel 2016's new FORECAST and Power Map tools Working with the AGGREGATE function and Table Slicers Creating multiple PivotTables from a filter Using HYPERLINKS, ISFORMULA, and UNICODE Performing sensitivity analyses with more than two variables Making the most of the Inquire add-in And much more "

Master business modeling and analysis techniques with Microsoft Excel 2013, and transform data into bottom-line results. Written by award-winning educator Wayne Winston, this hands-on, scenario-focused guide shows you how to use the latest Excel tools to integrate data from multiple tables—and how to effectively build a relational data source inside an Excel workbook. Solve real business problems with Excel—and sharpen your edge Summarize data with PivotTables and Descriptive Statistics Explore new trends in predictive and prescriptive analytics Use Excel Trend Curves, multiple regression, and exponential smoothing Master advanced Excel functions such as OFFSET and INDIRECT Delve into key financial, statistical, and time functions Make your charts more effective with the Power View tool Tame complex optimization problems with Excel Solver Run Monte Carlo simulations on stock prices and bidding models Apply important modeling tools such as the Inquire add-in

Provides information on the use of Excel in financial statements and analysis, financial planning and control, investment decisions, and sales and marketing.

Leverage the integration of SQL Server and Office for moreeffective BI Applied Microsoft Business Intelligence shows you how toleverage the complete set of Microsoft tools—includingMicrosoft Office and SQL Server—to better analyze businessdata. This book provides best practices for building complete BIsolutions using the full Microsoft toolset. You will learn how toeffectively use SQL Server Analysis and Reporting Services, alongwith Excel, SharePoint, and other tools to provide effective andcohesive solutions for the enterprise. Coverage includes BIarchitecture, data queries, semantic models, multidimensionalmodeling, data analysis and visualization, performance monitoring,data mining, and more, to help you learn to perform practicalbusiness analysis

and reporting. Written by an author team thatincludes a key member of the BI product team at Microsoft, thisuseful reference provides expert instruction for more effective useof the Microsoft BI toolset. Use Microsoft BI suite cohesively for more effective enterprisesolutions Search, analyze, and visualize data more efficiently andcompletely Develop flexible and scalable tabular and multidimensionalmodels Monitor performance, build a BI portal, and deploy and managethe BI Solution

To get the right insights from your data, you need to model it right. From Power BI to Power Pivot for Excel, Microsoft offers extremely powerful and accessible tools for modeling data. Now, for the first time, there's a complete guide to building exceptionally effective models using Microsoft's tools. World-renowned Microsoft data analytics experts Marco Russo and Alberto Ferrari introduce all the data modeling theory you'll need, and show how to apply it in the context of Microsoft's current and evolving products. Step by step, you'll learn how to transform simple tables into full analytical models of immense power. You'll master data modeling through a collection of realistic scenarios of increasing sophistication. For each, the authors start with a simple "naive" model that can't provide robust solutions. Next, they guide you to update and improve the model, so it can deliver the knowledge and insights you really need."

Master data analysis, modeling, and spreadsheet use with BUSINESS ANALYTICS: DATA ANALYSIS AND DECISION MAKING, 6E! Popular with students, instructors, and practitioners, this quantitative methods text delivers the tools to succeed with its proven teach-by-example approach, user-friendly writing style, and complete Excel 2016 integration. It is also compatible with Excel 2013, 2010, and 2007. Completely rewritten, Chapter 17, Data Mining, and Chapter 18, Importing Data into Excel, include increased emphasis on the tools commonly included under the Business Analytics umbrella -- including Microsoft Excel's "Power BI" suite. In addition, up-to-date problem sets and cases provide realistic examples to show the relevance of the material. 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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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.

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

Do you know that there's a lot more to Excel, but have no idea what to learn? This book could be the answer you're looking for... Here's What You'll Learn With This Book: Introduction to Advanced Excel Optimization using the Solver Function Sensitivity Analysis 3-Dimensional Formula Data Validation Different Charts with Application -23 Different Chart Types Using Correlations to Summarize Applications Data Filters Data Consolidation Other Functions

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