

Microsoft Excel Data Analysis And Business Modeling

This book introduces the basic techniques for shaping data models in Excel and Power BI. Renowned DAX experts Alberto Ferrari and Marco Russo teach you how to design data models for maximum efficiency and effectiveness. If you want to use Power BI or Excel to analyze data, the many real-world examples in this book will help you look at your reports in a different way—like experienced data modelers do. It's meant for readers who are new to data modeling as well as for experienced data modelers looking for tips from the experts. The answers to both of these questions lie with the data model. By reading this book, you will:

- Gain an understanding of the basics of data modeling, including tables, relationships, and keys
- Familiarize yourself with star schemas, snowflakes, and common modeling techniques
- Learn the importance of granularity
- Discover how to use multiple fact tables, like sales and purchases, in a complex data model
- Manage calendar-related calculations by using date tables
- Track historical attributes, like previous addresses of customers or manager assignments
- Use snapshots to compute quantity on hand
- Work with multiple currencies in the most efficient way
- Analyze events that have durations, including overlapping durations
- Learn what data model you need to answer your specific business questions

About This Book

- For Excel and Power BI users who want to exploit the full power of their favorite tools
- For BI professionals seeking new ideas for modeling data.

As you'll soon see, with the right data model, the correct answer is always a simple one. How can you use Excel and Power BI to gain real insights into your information. As you examine your data, how do you write a formula that provides the numbers you need

Who is this book/class for. This is a book about Microsoft 365 Excel, or Excel 365. With a new formula calculations engine and many new built-in functions, creating formula solutions and business models in Excel 365 is dramatically easier than at any time in the history of spreadsheets. This means that the New Excel 365 is the only app that matters in our age of analytics and data driven decisions. With this exciting new Excel 365 version, we will learn three types for formulas: Worksheet, M Code and DAX, and we will learn three types of Reporting/Dashboarding tools: Standard PivotTables, Data Model PivotTables and Power BI Visualizations. The book starts at the beginning and moves you to an advanced level by telling a logical story about how to use Excel to solve calculation-based problems and answer crucial questions. Everyone. In addition, with the new data tools like Power Query, Power Pivot and Power BI, performing data analysis to make data driven decisions can be easily done on data with different structures, with different sources and on small and big data alike. No other version in history has as much power, as many features or more possibilities than does Excel 365

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. 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. 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. When spreadsheets. rst became widely available in the early 1980s, it spawned a revolution in teaching. Why does the World Need—Excel Data Analysis, Modeling, and Simulation. 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. What previously could only be done with arcane software and large scale computing was now available to the common-man, on a desktop. I can't tell you how many phone calls, of

Practice with more than 800 problems, many based on actual challenges faced by working analysts. 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. 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. Master business modeling and analysis techniques with Microsoft Excel 2019 and Office 365 and transform data into bottom-line results. New coverage ranges from Power Query/Get & Transform to Office 365 Geography and Stock data types

Excel 2019 Bible

Focus on the expertise measured by these objectives: Consume and transform data by using Microsoft Excel Model data, from building and optimizing data models through creating performance KPIs, actual and target calculations, and hierarchies Visualize data, including creating and managing PivotTables and PivotCharts, and interacting with PowerBI This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have a strong understanding of how to use Microsoft Excel to perform data analysis. Designed for BI professionals, data analysts, and others who analyze business data with Excel, this Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the MCSA level. Prepare for Microsoft Exam 70-779—and help demonstrate your real-world mastery of Microsoft Excel data analysis and visualization ad7b00b117

An award-winning business professor and corporate consultant shares the best of his real-world experience in this practical, scenario-focused guide--fully updated for Excel 2010 ad7b00b117

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. 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. 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. This edition adds 150+ new problems with solutions, plus a chapter of basic spreadsheet models to make sure you're fully up to speed. Master business modeling and analysis techniques with Microsoft Excel 2016, and transform data into bottom-line results ad7b00b117

Master the business modeling and analysis techniques that help you transform data into bottom-line results. Now this award-winning educator shares the best of his expertise in this hands-on, scenario-focused guide—fully updated for Excel 2010. 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. Model investment risks and returns Analyze your sales team's effectiveness Create best, worst, and most-likely case scenarios Compare lease vs. Use Excel to solve real business problems—and sharpen your edge. 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. 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 ad7b00b117

This book helps you use SQL and Excel to extract business information from relational databases and use that data to define business dimensions, store transactions about customers, produce results, and more. Useful business analysis requires you to effectively transform data into actionable information. 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 the results should look like ad7b00b117

You'll learn the fundamental best practices and know-how of financial modeling, and how to put them to work for your business and your clients. Companies around the world use financial modeling for decision making, to steer strategy, and to develop solutions. No need to buy expensive specialized software—the tools you need are right there in Excel. Make informed business decisions with the beginner's guide to financial modeling using Microsoft Excel Financial Modeling in Excel For Dummies is your comprehensive guide to learning how to create informative, enlightening financial models today. You'll learn the tools and techniques that bring insight out of the numbers, and make better business decisions based on quantitative evidence. Learn the six crucial rules to follow when building a successful financial model Discover how to review and edit an inherited financial model and align it with your business and financial strategy Solve client problems, identify market projections, and develop business strategies based on scenario analysis Create valuable customized templates models that can become a source of competitive advantage From multinational corporations to the mom-and-pop corner store, there isn't a business around that wouldn't benefit from financial modeling. Excel is powerful, user-friendly, and is most likely already installed on your computer—which is why it has so readily become the most popular financial modeling software. No problem. Not a math whiz or an Excel power-user. You'll discover that financial modeling is an invaluable resource for your business, and you'll wonder why you've waited this long to learn how. All you need is a basic understanding of Excel to start building simple models with practical hands-on exercises and before you know it, you'll be modeling your way to optimized profits for your business in no time. This book walks you through the process with clear, expert guidance that assumes little prior knowledge. Financial Modeling in Excel For Dummies gets you up to speed quickly so you can start reaping the benefits today. This book shows you how to harness Excel's capabilities to determine profitability, develop budgetary projections, model depreciation, project costs, value assets and more ad7b00b117

It covers the principles and best practices of financial modelling, including the Excel tools, formulas, and functions to master, and the techniques and strategies necessary to eliminate errors. This is a guide to building financial models for business proposals, to evaluate opportunities, or to craft financial reports ad7b00b117

• Provides the perfect mix of practice and theory • Helps you become a DIY Excel modelling specialist • Includes updates for Excel 2019/365 and Excel for Mac • May be used as an accompaniment to the author's online and face-to-face training courses Many people are often overwhelmed by the hundreds of tools in Excel, and this book gives clarity to the ones you need to know in order to perform your job more efficiently. A hands-on guide to using Excel in the business context First published in 2012, Using Excel for Business and Financial Modelling contains step-by-step instructions of how to solve common business problems using financial models, including downloadable Excel templates, a list of shortcuts and tons of practical tips and techniques you can apply straight away. This book also demystifies the technical, design, logic and financial skills you need for business and financial modelling. Learn to create financial models to help make business decisions whilst applying modelling best practice methodology, tools and techniques. It covers these features in detail from a practical perspective, but also puts them in context by applying them to practical examples in the real world. Whilst there are many hundreds of tools, features and functions in Excel, this book focuses on the topics most relevant to finance professionals ad7b00b117

This book will help you understand financial modeling concepts using Excel, and provides you with an overview of the steps you should follow to build an integrated financial model. Starting with the key concepts of Excel, such as formulas and functions, you will learn about referencing frameworks and other advanced components of Excel for building financial models. The book takes an intuitive approach to model testing, along with best practices and practical use cases. Later chapters will help you understand your financial projects, build assumptions, and analyze historical data to develop data-driven models and functional growth drivers. By the end of this book, you will have examined the data from various use cases, and you will have the skills you need to build financial models to extract the information required to make informed business decisions. The book assumes working knowledge with Excel. This book will also help individuals that have and don't have any experience in data and stats, to get started with building financial models. Explore the aspects of financial modeling with the help of clear and easy-to-follow instructions and a variety of Excel features, functions, and productivity tips Key FeaturesA non data professionals guide to exploring Excel's financial functions and pivot tablesLearn to prepare various models for income and cash flow statements, and balance sheetsLearn to perform valuations and identify growth drivers with real-world case studiesBook Description Financial modeling is a core skill required by anyone who wants to build a career in finance. Hands-On Financial Modeling with Microsoft Excel 2019 examines various definitions and relates them to the key features of financial modeling with the help of Excel. What you will learnIdentify the growth drivers derived from processing historical data in ExcelUse discounted cash flow (DCF) for efficient investment analysisBuild a financial model by projecting balance sheets, profit, and lossApply a Monte Carlo simulation to derive key assumptions for your financial modelPrepare detailed asset and debt schedule models in ExcelDiscover the latest and advanced features of Excel 2019Calculate profitability ratios using various profit parametersWho this book is for This book is for data professionals, analysts, traders, business owners, and students, who want to implement and develop a high in-demand skill of financial modeling in their finance, analysis, trading, and valuation work. You will explore the design principles, functions, and techniques of building models in a practical manner ad7b00b117

This text presents statistical concepts and methods in a unified, modern, spreadsheet-oriented approach. 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. 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 ad7b00b117

The module serves as a teaching material, mainly for accounting program students, lecturers, financial analysts, accountants, and other interested parties. Excel functions, if used wisely and effectively, are capable of transforming business data into meaningful and valuable information. This application becomes one of the primary analytical tools in today's business. This textbook that comprises of eight chapters employs the Microsoft Excel, one of the most commonly used and popular spreadsheet applications, to demonstrate the applications of essential functionalities available in the spreadsheet applications. Microsoft Excel: Preparing Data, Analysing Data and Designing a Business Model – A Practical Guide will be a useful manual for readers who intend to master various functionalities offered in a spreadsheet application ad7b00b117

S() and STDEV. 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. 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. Along the way, he clarifies confusing statistical terminology and helps you avoid common mistakes. 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. 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. 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. You'll find crystal-clear instructions, insider insights, and complete step-by-step projects—all complemented by extensive web-based resources. 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 ad7b00b117

Leading Microsoft BI consultants Marco Russo and Alberto Ferrari help you master everything from table functions through advanced code and model optimization. This comprehensive and authoritative guide will teach you the DAX language for business intelligence, data modeling, and analytics. You'll learn exactly what happens under the hood when you run a DAX expression, how DAX behaves differently from other languages, and how to use this knowledge to write fast, robust code. Perform powerful data analysis with DAX for Microsoft SQL Server Analysis Services, Excel, and Power BI Master core DAX concepts, including calculated columns, measures, and error handling Understand evaluation contexts and the CALCULATE and CALCULATETABLE functions Perform time-based calculations: YTD, MTD, previous year, working days, and more Work with expanded tables, complex functions, and elaborate DAX expressions Perform calculations over hierarchies, including parent/child hierarchies Use DAX to express diverse and unusual relationships Measure DAX query performance with SQL Server Profiler and DAX Studio. If you want to leverage all of DAX's remarkable power and flexibility, this no-compromise "deep dive" is exactly what you need ad7b00b117

The second edition has been thoroughly revised: new topics, exercises and examples have been added, and the readability has been further improved. This book offers a comprehensive and readable introduction to modern business and data analytics. It is based on the use of Excel, a tool that virtually all students and professionals have access to. The explanations are focused on understanding the techniques and their proper application, and are supplemented by a wealth of in-chapter and end-of-chapter exercises. In addition to the general statistical methods, the book also includes Monte Carlo simulation and optimization. The book is primarily intended for students in business, economics and government, as well as professionals, who need a more rigorous introduction to business and data analytics – yet also need to learn the topic quickly and without overly academic explanations ad7b00b117

Microsoft PowerPivot for Excel 2010: Give Your Data Meaning introduces PowerPivot in Excel 2010 to power users and data analysts who want to give their data meaning by creating their own Business Intelligence models. Award-winning professor and statistician Wayne Winston shares practical examples to help you transform data into bottom-line results. And with Microsoft Excel 2010: Data Analysis and Business Modeling, you'll learn the best ways to use Office Excel 2010 for data analysis and business modeling. Web site includes practice files. The two books included in this kit are: 9780735640580 Microsoft PowerPivot for Excel 2010 9780735643369 Microsoft Office Excel 2007: Data Analysis and Business Modeling, 3E ad7b00b117

Even if you've never created a pivot table before, this book will help you leverage all their remarkable flexibility and analytical power—including valuable improvements in Excel 2019 and Excel in Office 365. By reading this book, you will:

- Master easy, powerful ways to create, customize, change, and control pivot tables
- Control all future pivot tables using new pivot table defaults
- Transform huge data sets into clear summary reports
- Instantly highlight your most profitable customers, products, or regions
- Use Power Query to quickly import, clean, shape, and analyze disparate data sources
- Build geographical pivot tables with 3D Map
- Construct and share state-of-the-art dynamic dashboards
- Revamp analyses on the fly by dragging and dropping fields
- Build dynamic self-service reporting systems
- Share your pivot tables with colleagues
- Create data mashups using the full Power Pivot capabilities of Excel 2019 and Excel in Office 365
- Automate pivot tables with macros and VBA
- Save time by adapting reports with GetPivotData
- Discover today's most useful pivot table tips and shortcuts.

Drawing on more than 45 combined years of Excel experience, Bill Jelen and Michael Alexander offer practical "recipes" for solving real business problems, help you avoid common mistakes, and present tips and tricks you'll find nowhere else. Use Excel 2019 pivot tables and pivot charts to produce powerful, dynamic reports in minutes instead of hours, to take control of your data and your business. Renowned Excel experts Bill Jelen (MrExcel) and Michael Alexander help you crunch data from any source with Excel 2019 pivot tables ad7b00b117

The latest book from Cengage Learning on Data Analysis with Microsoft« ExcelÖ ad7b00b117

Please direct any questions or concerns to booktech@oreilly.com. Now this award-winning educator shares the best of his classroom experience in this practical, business-focused guide. Note that while we provide as much of the media content as we are able via free download, we are sometimes limited by licensing restrictions. Each chapter advances your data analysis and modeling expertise using real-world examples and learn-by-doing exercises. Learn how to solve real business problems with Excel. To download this content, please visit O'Reilly's web site, search for the title of this book to find its catalog page, and click on the link below the cover image (Examples, Companion Content, or Practice Files). For those customers purchasing one of the digital formats in which this book is available, we are pleased to offer the CD/DVD content as a free download via O'Reilly Media's Digital Distribution services. For more than a decade, well-known consultant and business professor Wayne Winston has been teaching corporate clients and MBA students the most effective ways to use Microsoft Excel for data analysis, modeling, and decision making. You also get all the book's problem-and-solution files on CD—for all the practice you need to solve complex problems and work smarter with Excel. Create best, worst, and most-likely scenarios for salesCalculate how long it would take to recoup a project's startup costs Plan personal finances, such as computing loan terms or saving for retirementEstimate a product's demand curve Simulate stock performance over a yearDetermine which product mix will yield the greatest profitsInterpret the effects of price and advertising on sales Assign a dollar value to customer loyaltyManage inventory and order quantities with precisionCreate customer service queues with short wait timesEstimate the probabilities of equipment failure Model business uncertaintiesGet new perspectives on data with PivotTable dynamic viewsHelp predict quarterly revenue, outcomes of sporting events, presidential elections, and more. Master the techniques that business analysts at leading companies use to transform data into bottom-line results. On the CD: Practice files for all the book's exercisesSolutions for problem setsFully searchable eBook A Note Regarding the CD or DVD The print version of this book ships with a CD or DVD ad7b00b117

This is valuable because usually the difficult part is how to write the code. Microsoft Excel 97 was selected because it is one of the most important software packages to learn and most companies use Microsoft Excel. This book discusses statistical analysis using two personal computer software packages, Minitab 12 and Microsoft Excel 97, Minitab was chosen because it is powerful and is one of the more user-friendly statistical software packages. What the reader will find after studying this book is that statistical analysis will become more fun because he will have more time doing statistical analysis and make less statistical calculations. Often it becomes necessary to write macros (programs) in order to do specific statistical analysis. Two of the reasons were: (1) statistical analysis was slow and tedious because calculations were done by hand; (2) it was costly because it was done on mainframes and mainframe time was expensive. The personal computer has made statistical analysis easier and cheaper. This book prints the codes of the macros for the reader to use and study. Previously, statistical analysis was difficult for many reasons. Excel is a software package that is not dedicated to statistical analysis like Minitab, but it has many statistical features and a very powerful development environment for writing customized statistical analysis. The book is organized in a textbook format. Each chapter discusses statistical concepts and illustrates the use of Minitab and/or Excel ad7b00b117

This edition adds 150+ new problems with solutions, plus a chapter of basic spreadsheet models to make sure you're fully up to speed. --. 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. Master business modeling and analysis techniques with Microsoft Excel 2016, and transform data into bottom-line results ad7b00b117

You'll learn how to quickly turn mass quantities of data into meaningful information and on-the-job results—no programming required. Understand the differences between PowerPivot for Self Service BI and SQL Server Analysis Services for Corporate BI Extend your existing data-analysis skills to create your own BI solutions Quickly manipulate large data sets, often in millions of rows Perform simple-to-sophisticated calculations and what-if analysis Create complex reporting systems with data modeling and Data Analysis Expressions Share your results effortlessly across your organization using Microsoft SharePoint Authors' note on using Microsoft Excel 2016: This book's content was written against Excel 2013, but it is useful and valid for users of Excel 2016 too. In other words, all of the concepts and examples explained in this book continue to work with Excel 2016. Excel 2016 introduces several new DAX functions and an improved editor for DAX without changing any existing behavior. Two business intelligence (BI) experts take you inside PowerPivot functionality for Excel 2013, with a focus on real world scenarios, problem-solving, and data modeling. Transform your skills, data, and business—and create your own BI solutions using software you already know and love: Microsoft Excel. Your guide to quickly turn data into results ad7b00b117

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. Excel is the number-one spreadsheet application, with ever-expanding capabilities ad7b00b117

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. 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. 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 ad7b00b117

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. 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. Master business modeling and analysis techniques with Microsoft Excel 2013, and transform data into bottom-line results ad7b00b117

Award-winning educator Wayne Winston's hands-on, scenario-focused guide helps you use today's Excel to ask the right questions and get accurate, actionable answers. Master business modeling and analysis techniques with Microsoft Excel and transform data into bottom-line results. More extensively updated than any previous edition, new coverage ranges from one-click data analysis to

STOCKHISTORY, dynamic arrays to Power Query, and includes six new chapters. Practice with over 900 problems, many based on real challenges faced by working analysts. Solve real problems with Microsoft Excel—and build your competitive advantage Quickly transition from Excel basics to sophisticated analytics Use recent Power Query enhancements to connect, combine, and transform data sources more effectively Use the LAMBDA and LAMBDA helper functions to create Custom Functions without VBA Use New Data Types to import data including stock prices, weather, information on geographic areas, universities, movies, and music Build more sophisticated and compelling charts Use the new XLOOKUP function to revolutionize your lookup formulas Master new Dynamic Array formulas that allow you to sort and filter data with formulas and find all UNIQUE entries Illuminate insights from geographic and temporal data with 3D Maps Improve decision-making with probability, Bayes' theorem, and Monte Carlo simulation and scenarios Use Excel trend curves, multiple regression, and exponential smoothing for predictive analytics Use Data Model and Power Pivot to effectively build and use relational data sources inside an Excel workbook ad7b00b117

You'll find super techniques for getting the most out of Excel's statistical and financial functions, Excel PivotTables and PivotCharts, Excel Solver, and more. Professional-level coverage and techniques for Excel power users Aimed at Excel power users who appreciate logical, clean explanations of techniques, this visual guide features numerous screenshots and easy-to-follow numbered steps in order to show you how to perform professional-level modeling, charting, data sharing, data access, data slicing, and other functions. Demonstrates how to crunch and analyze Excel data the way the professionals do in an uncluttered, visual style Offers a clear look at power-using the new Excel 2013, the latest version of the world's leading spreadsheet application from Microsoft Expands your Excel knowledge and helps you use Excel data more efficiently Explains how to retrieve data from databases; cut, slice, and pivot data using PivotTables; model data and chart data; and use advanced formulas Explores all features and functions in two-color pages packed with screenshots, numbered steps, and other visual graphics that clearly show you how to accomplish tasks Includes practical examples, tips, and advice to help you get the most out of Excel's features and functions Learn the full power of Excel 2013 with this helpful guide ad7b00b117

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. 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. Master business modeling and analysis techniques with Microsoft Excel 2013, and transform data into bottom-line results ad7b00b117

Learn to incorporate templates, implement formulas, create pivot tables, analyze data, and much more. The complete guide to Excel 2019 Whether you are just starting out or an Excel novice, the Excel 2019 Bible is your comprehensive, go-to guide for all your Excel 2019 needs. Navigate this powerful tool for business, home management, technical work, and much more with the only resource you need, Excel 2019 Bible. Whether you use Excel at work or at home, you will be guided through the powerful new features and capabilities to take full advantage of what the updated version offers. Create functional spreadsheets that work Master formulas, formatting, pivot tables, and more Get acquainted with Excel 2019's new features and tools Whether you need a walkthrough tutorial or an easy-to-navigate desk reference, the Excel 2019 Bible has you covered with complete coverage and clear expert guidance ad7b00b117

Featuring step-by-step case examples, the goal is to equip business managers and students with easy-to-use tools for understanding and forecasting trends in important business variables, thereby empowering them to make better business decisions. The program, called FIRM, which runs on Windows with Microsoft Excel 2010, uses historical time series of total sales, total costs, and total assets of the firm from its financial statements (income statements and balance sheets), estimates relationships among these variables, and then employs the estimated relationships to forecasts trends in these vital business variables. \u200b\u201cThe trend is your friend\u201dis a practical principle often used by business managers, who seek to forecast future sales, expenditures, and profitability in order to make production and other operational decisions. The problem is how best to identify and discover business trends and utilize trend information for attaining objectives of firms. This book contains an Excel-based solution to this problem, applying principles of the authors' \u201cprofit system model\u201d of the firm that enables forecasts of trends in sales, expenditures, profits and other business variables ad7b00b117

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. You will discover how to spot bad data and strategies to clean that data to make it useful to you. 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. Its simplicity and powerful features has made it the go to tool for all your data needs. This book starts by walking you through creating your own data and bringing data into Excel from various sources. 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. Learning data analysis and will help you bring your data skills to the next level. 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. 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. 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. 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 ad7b00b117

This expert book offersthe perfect solution. Shows you how to perform sophisticated business analyses usingthe cost-effective and widely available Microsoft Excel instead ofexpensive, proprietary analytical tools Reveals how to target and retain profitable customers and avoidhigh-risk customers Helps you forecast sales and improve response rates formarketing campaigns Explores how to optimize price points for products andservices, optimize store layouts, and improve onlineadvertising Covers social media, viral marketing, and how to exploit botheffectively Improve your marketing results with Microsoft Excel and theinvaluable techniques and ideas in Marketing Analytics:Data-Driven Techniques with Microsoft Excel. Winston, this practical resource shows you how to tap a simple andcost-effective tool, Microsoft Excel, to solve specific businessproblems using powerful analytic techniques—and achieveoptimum results. Helping tech-savvy marketers and data analysts solvereal-world business problems with Excel Using data-driven business analytics to understand customers andimprove results is a great idea in theory, but in today's busyoffices, marketers and analysts need simple, low-cost ways toprocess and make the most of all that data. Practical exercises in each chapter help you apply and reinforcetechniques as you learn. Written by data analysis expert Wayne L ad7b00b117

Provides an introduction to data analysis and business modeling using Microsoft Excel ad7b00b117

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