Statistical Analysis Using Microsoft Excel Spreadsheets

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R for Microsoft Excel Users

This book is targeted for those who need to learn the marketing research process and basic data analysis techniques. This is the first book on the market that offers a software add-in (XL Data Analyst) designed specifically to use the power of Excel for marketing research applications. XL Data Analyst also features data analysis output that is exceptionally easy to understand and in professional table/report-ready format. All marketing research concepts are presented simply and intuitively. KEY TOPICS: 11 Step marketing research process; the industry; ethical issues, global applications. Basic descriptive statistics, confidence intervals and hypothesis testing, differences tests through one-way ANOVA, cross-tabulation/Chi-square, Pearson Correlation, and simple and multiple regression are all comprehensively covered. This is the ideal book for those who wish to teach basic marketing research to undergraduate students without learning cumbersome statistical analysis software but who have access to Excel. The XL Data Analysis Add-in is easy to master and use and performs analyses such as tests of proportions and hypothesis tests for percentages, not typically available on standard statistical analysis software.

An Introduction to Statistics using Microsoft Excel 2nd Edition

Statistical Fundamentals 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 Excel and the invaluable techniques and ideas in Marketing Analytics: Data-Driven Techniques with Microsoft Excel.

Microsoft Excel 2019 Data Analysis and Business Modeling This book shows the capabilities of Microsoft Excel in teaching social science statistics effectively. Similar to the previously published Excel 2016 for Social Sciences Statistics, this book is a step-by-step, exercise-driven guide for students and practitioners who need to master Excel to solve practical social science problems. If understanding statistics isn't your strongest suit, you are not especially mathematically inclined, or you are wary of computers, this is the right book for you. Excel, a widely available computer program for students and managers, is also an effective teaching and learning tool for quantitative analyses in social science courses. Its powerful computational ability and graphical functions make learning statistics much easier than in years past. Excel 2019 for Social Science Statistics: A Guide to Solving Practical Problems capitalizes on these improvements by teaching students and managers how to apply Excel to statistical techniques necessary in their courses and work. In this new edition, each chapter explains statistical formulas and directs the reader to use Excel commands to solve specific, easy-to-understand social science problems. Practice problems are provided at the end of each chapter with their solutions in an appendix. Separately, there is a full practice test (with answers in an appendix) that allows readers to test what they have learned.

Statistical Analysis The complete guide to Excel 2016, from Mr. Spreadsheet himself strong style="box-sizing: border-box; color: #1b1c1d; font-family: 'Open Sans', sans-serif; font-size: 16px;" Whether you are just starting out or an Excel novice, the Excel 2016 Bible is your comprehensive, go-to guide for all your Excel 2016 needs. Whether you use Excel at work or at home, you will be guided through the powerful new features and capabilities by expert author and Excel Guru John Walkenbach to take full advantage of what the updated version offers. Learn to incorporate templates, implement formulas, create pivot tables, analyze data, and much more. Navigate this powerful tool for business, home management, technical work, and much more with the only resource you need, Excel 2016 Bible. Create functional spreadsheets that work Master formulas, formatting, pivot tables, and more. Get acquainted with Excel 2016's new features and tools. Customize downloadable
templates and worksheets. Whether you need a walkthrough tutorial or an easy-to-navigate desk reference, the Excel 2016 Bible has you covered with complete coverage and clear expert guidance.

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

Statistical Analysis and Decision Making Using Microsoft Excel

Business and Financial Statistics Using Minitab 12 and Microsoft Excel 97 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 second edition has been thoroughly revised: new topics, exercises, and examples have been added, and the readability has been further improved. 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.

Automated Data Analysis Using Excel This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Microsoft Excel can perform many statistical analyses, but thousands of business users and analysts are now reaching its limits. R, in contrast, can perform virtually any imaginable analysis—if you can get over its learning curve. In R for Microsoft Excel Users, Conrad Carlberg shows exactly how to get the most from both programs. Drawing on his immense experience helping organizations apply statistical methods, Carlberg reviews how to perform key tasks in Excel, and then guides you through reaching the same outcome in R—including which packages to install and how to access them. Carlberg offers expert advice on when and how to use Excel, when and how to use R instead, and the strengths and weaknesses of each tool. Writing in clear, understandable English, Carlberg combines essential statistical theory with hands-on examples reflecting real-world challenges. By the time you’ve finished, you’ll be comfortable using R to solve a wide spectrum of problems—including many you just couldn’t handle with Excel. • Smoothly transition to R and its radically different user interface • Leverage the R community’s immense library of packages • Efficiently move data between Excel and R • Use R’s DescTools for descriptive statistics, including bivariate analyses • Perform regression analysis and statistical inference in R and Excel • Analyze variance and covariance, including single-factor and factorial ANOVA • Use R’s glm function and glm function for Solver-style logistic regression • Analyze time series and principal components with R and Excel

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

Excel 2019 for Social Science Statistics Spreadsheet skills are important for a first job, and DATA ANALYSIS USING MICROSOFT EXCEL prepares students to enter the world of work with stronger spreadsheet skills. Designed as a supplement to a main statistics text or as a reference for professionals, this handbook helps students build their proficiency in Microsoft Excel and shows them how to use the built-in capabilities of Excel to analyze data and make decisions. Although many of the examples are business oriented, the step-by-step approach makes this book appropriate for statistical analysis in other courses and academic disciplines.

Data Analysis for Managers with Microsoft Excel This book is not available as a print inspection copy. To download an e-version click here or for more information contact your local sales representative. 'Takes the challenging and makes it understandable. The book contains useful advice on the application of statistics to a variety of contexts and shows how statistics can be used by managers in their work.' - Dr Terri Byers, Assistant Professor, University Of New Brunswick, Canada

A book about introductory quantitative analysis, the authors show both how and why quantitative analysis is useful in the context of business and management studies, encouraging readers to not only memorise the content but to apply learning to
typical problems. Fully up-to-date with comprehensive coverage of IBM SPSS and Microsoft Excel software, the tailored examples illustrate how the programmes can be used, and include step-by-step figures and tables throughout. A range of 'real world' and fictional examples, including "The Ballad of Eddie the Easily Distracted" and "Esha's Story" help bring the study of statistics alive. A number of in-text boxouts can be found throughout the book aimed at readers at varying levels of study and understanding Back to Basics for those struggling to understand, explain concepts in the most basic way possible - often relating to interesting or humorous examples Above and Beyond for those racing ahead and who want to be introduced to more interesting or advanced concepts that are a little bit outside of what they may need to know Think it over get students to stop, engage and reflect upon the different connections between topics A range of online resources including a set of data files and templates for the reader following in-text exercises, downloadable worksheets and instructor materials, answers to in-text exercises and video content compliment the book. An ideal resource for undergraduates taking introductory statistics for business, or for anyone daunted by the prospect of tackling quantitative analysis for the first time.

Predictive Analytics This new edition covers some of the key topics relating to the latest version of MS Office through Excel 2019, including the creation of custom ribbons by injecting XML code into Excel Workbooks and how to link Excel VBA macros to customize ribbon objects. It also now provides examples in using ADO, DAO, and SQL queries to retrieve data from databases for analysis. Operations such as fully automated linear and non-linear curve fitting, linear and non-linear mapping, charting, plotting, sorting, and filtering of data have been updated to leverage the newest Excel VBA object models. The text provides examples on automated data analysis and the preparation of custom reports suitable for legal archiving and dissemination. Functionality Demonstrated in This Edition Includes: Find and extract information raw data files Format data in color (conditional formatting) Perform non-linear and linear regressions on data Create custom functions for specific applications Generate datasets for regressions and functions Create custom reports for regulatory agencies Leverage email to send generated reports Return data to Excel using ADO, DAO, and SQL queries Create database files for processed data Create tables, records, and fields in databases Add data to databases in fields or records Leverage external computational engines Call functions in MATLAB® and Origin® from Excel

Practical Statistics by Example Using Microsoft Excel Provides information on the use of Excel in financial statements and analysis, financial planning and control, investment decisions, and sales and marketing.

Applied Statistics for Business and Management using Microsoft Excel Designed for users already familiar with basic computer operations, Neil J. Salkind's Excel Statistics: A Quick Guide shows readers how to utilize the features of Microsoft Excel to answer both simple and complex questions about data analysis. Part I explores thirty Excel functions, each one detailed on a two-page spread. The description and use of each function appear on one page with corresponding screen shots of the function in action on the facing page, allowing the user to see what the function looks like as it is being applied. Part II of the text contains fifteen Analysis Toolpak tools, each explained using the same two-page spread design as for the functions. Excel novices and experts alike will find this text not only practical but easy to use and engaging. Key Features: Each function and tool is accompanied by an Excel file, accessible through the SAGE Web site, to be used as an example of each analysis. Access these files through the SAGE website (www.sagepub.com/salkindexcelstats) or through www.onlinefilefolder.com. The screenshots and steps feature Microsoft Excel 2010 and are compatible with Microsoft 97-2003 and Excel 5.0/95. Designed to be used as both an introduction and an accompanying book as needed. Perfect as an accompaniment to existing introductory statistics books or in a lab setting.

Basic Marketing Research Advanced techniques for Excel power users Crunch and analyze Excel data the way the professionals do with this clean, uncluttered, visual guide to advanced Excel techniques. Using numerous screenshots and easy-to-follow numbered steps, this book clearly shows you how to perform professional-level modeling, charting, data access, data slicing, and other functions. 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. Provides a clear look at power-using Excel, the world's leading spreadsheet application from Microsoft, and part of the new Microsoft Office 2010 suite 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 Explores all features and functions in friendly, 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 Excel at the highest levels with this practical guide.

Excel Data Analysis For Dummies 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," during his 10-year run as a financial analyst charged with taking mainframe data and turning it into useful information quickly. Topics include perfectly sorting with one click every time, matching lists of data, data consolidation, data subtotals, pivot tables, and much more.

Basic Marketing Research Using Microsoft Excel Data Analysis 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.

MyMathLab / MyStatLab Access Code Harness the power of Excel to discover what your numbers are hiding Excel Data Analysis For Dummies, 2nd Edition is the ultimate guide to getting the most out of your data. Veteran Dummies author Stephen L. Nelson guides you through the basic and not-so-basic features of Excel to help you discover the gems hidden in your rough data. From input, to analysis, to visualization, the book walks you through the steps that lead to superior data analysis. Excel is the number-one spreadsheet application, with ever-expanding capabilities. If you're only using it to balance...
Data Analysis Using Microsoft Excel This manuscript contains various approaches in interpreting data and how the unearthed pieces of information be used as practical inputs for decision making. With the aid of Microsoft Excel, presented in a step-by-step manner, data sets that differ in kind, probability, and distributions are analyzed and interpreted with a framework of solidifying fundamental understanding of data analysis and of carrying through these skills in the daily administration of decisions in managing production, people, money, and all forms of resources. This book hopes to complement with the other existing books in research and statistics that prefer to treat problems manually and explain applications theoretically. Students doing basic high school research will benefit from this book. College and graduate students who are doing a classroom research activity will also take full advantage of this. However, some novice researchers and professionals may find this manuscript equally useful; and those others who decided to dislike mathematics but found awe in it nonetheless. This book is really for them.

Excel Data Analysis For Dummies, 2nd Edition is the key to discovering what your numbers are hiding. Excel Data Analysis For Dummies is a great tool for professionals, students, and researchers looking to use Excel for statistical analysis. This guide for students and practitioners who need to master Excel to solve practical statistical problems in industry.

Excel Data Analysis and Business Modeling Elementary Data Analysis by Meehan and Warner introduces students to Microsoft Excel spreadsheets as a tool to be used in Introductory Statistics courses. For years professors have relied on specialized statistical software like SPSS (Statistical Package for Social Sciences) in statistics and research methods courses, but computer technology has become ubiquitous and spreadsheets more popular. This easy to use workbook demonstrates that by utilizing a familiar program such as Excel, students can concentrate more on statistical concepts and outcomes and less on the mechanics of the software. Even for students who are not familiar with spreadsheets, they can learn statistical analysis easier with Excel than with specialized software, and this workbook takes them through step by step.

Microsoft Excel Data Analysis and Business Modeling Capitalizes on these improvements by teaching students and practitioners how to apply Excel to statistical techniques necessary in their courses and workplace. Each chapter explains statistical formulas and directs the reader to use Excel commands to solve specific, easy-to-understand business problems. Practice problems are provided at the end of each chapter with their solutions.

Data Analysis Using Microsoft Excel 5.0 The personal computer has made statistical analysis easier and cheaper. Previously, statistical analysis was difficult for many reasons. 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. 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. Microsoft Excel 97 was selected because it is one of the most important software packages to learn and most companies use Microsoft Excel. Excel is a software package that is not dedicated to statistical analysis like Minitab, but it has many statistical functions Solver, Small Business Finance Manager, and more The book also includes a guide to chart types and formatting, and advice on effective visual data presentation. You already have the data, so you might as well get something great out of it. Excel Data Analysis For Dummies, 2nd Edition is the key to discovering what your numbers are hiding.

Excel Data Analysis For Dummies, 2nd Edition is fully updated to include information about Excel's latest features, making it a your go-to Excel guide for data analysis. Topics include: Working with external databases PivotTables and PivotCharts Using Excel for statistical and financial functions Solver, Small Business Finance Manager, and more The book also includes a guide to chart types and formatting, and advice on effective visual data presentation. You already have the data, so you might as well get something great out of it. Excel Data Analysis For Dummies, 2nd Edition is the key to discovering what your numbers are hiding.

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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. Often it becomes
necessary to write macros (programs) in order to do specific statistical analysis. This books prints the codes of the macros for
the reader to use and study. This is valuable because usually the difficult part is how to write the code. 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.

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

Statistical Analysis with Excel For Dummies EXCEL 2016 PREDICTIVE ANALYTICS FOR SERIOUS DATA CRUNCHERS!
Now, you can apply cutting-edge predictive analytics techniques to help your business win—and you don’t need multimillion-
dollar software to do it. All the tools you need are available in Microsoft Excel 2016, and all the knowledge and skills are right
here, in this book! Microsoft Excel MVP Conrad Carlberg shows you how to use Excel predictive analytics to solve real
problems in areas ranging from sales and marketing to operations. Carlberg offers unprecedented insight into building
powerful, credible, and reliable forecasts, helping you gain deep insights from Excel that would be difficult to uncover with
costly tools such as SAS or SPSS. Fully updated for Excel 2016, this guide contains valuable new coverage of accounting for
seasonality and managing complex consumer choice scenarios. Throughout, Carlberg provides downloadable Excel 2016
workbooks you can easily adapt to your own needs, plus VBA code—much of it open-source—to streamline especially complex
techniques. Step by step, you’ll build on Excel skills you already have, learning advanced techniques that can help you
increase revenue, reduce costs, and improve productivity. By mastering predictive analytics, you’ll gain a powerful competitive
advantage for your company and yourself. Learn the “how” and “why” of using data to make better decisions, and choose the
right technique for each problem Capture live real-time data from diverse sources, including third-party websites Use logistic
regression to predict behaviors such as “will buy” versus “won’t buy” Distinguish random data bounces from real, fundamental
changes Forecast time series with smoothing and regression Account for trends and seasonality via Holt-Winters smoothing
Prevent trends from running out of control over long time horizons Construct more accurate predictions by using Solver
Manage large numbers of variables and unwieldy datasets with principal components analysis and Varimax factor rotation
Apply ARIMA (Box-Jenkins) techniques to build better forecasts and clarify their meaning Handle complex consumer choice
problems with advanced logistic regression Benchmark Excel results against R results

Statistics Using Excel Succinctly The purpose of this book is to provide a working background of descriptive and inferential
statistics and step-by-step examples of how to perform various statistical procedures using Micro-
soft Excel’s native operators
and functions. Automated procedures are also described using Excel’s Analysis ToolPak and AnalystSoft StatPlus.

Data Analysis Using Microsoft Excel Learn the ins and outs of Microsoft Excel's statistical capabilities. Author Charles Zaiontz
will help you familiarize yourself with an often overlooked but very powerful set of tools. With Statistics Using Excel Succinctly,
you will be able to maximize your Excel skills.

Excel Data Analysis A unique, self-study reference for managers and statisticians who use the Excel Spreadsheet as their
primary computational tool for forecasting, data analysis, or regression analysis. Original. (Advanced)

Business Statistics Using EXCEL and SPSS 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.

Data Analysis with Microsoft Excel 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.

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

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

Excel 2016 Bible Utilizing the latest software, this book presents the essential statistical procedures for drawing valuable results from data in the social sciences. Mobilizing interesting real-world examples from the field of education, Understanding Educational Statistics Using Microsoft Excel and SPSS supplies a seamless presentation that identifies valuable connections between statistical applications and research design. Class-tested to ensure an accessible presentation, the book combines clear, step-by-step explanations and the use of software packages that are accessible to both the novice and professional alike to present the fundamental statistical practices for organizing, understanding, and drawing conclusions from educational research data. The book begins with an introduction to descriptive and inferential statistics and then proceeds to acquaint readers with the various functions for working with quantitative data in the Microsoft Excel environment, such as spreadsheet navigation; sorting and filtering; and creating pivot tables. Subsequent chapters treat the procedures that are commonly-employed when working with data across various fields of social science research, including: Single-sample tests Repeated measure tests Independent t-tests One way ANOVA and factorial ANOVA Correlation Bivariate regression Chi square Multiple regression Individual chapters are devoted to specific procedures, each ending with a lab exercise that highlights the importance of that procedure by posing a research question, examining the question through its application in Excel and SPSS, and concluding with a brief research report that outlines key findings drawn from the results. Real-world examples and data from modern educational research are used throughout the book, and a related Web site features additional data sets, examples, and labs, allowing readers to reinforce their comprehension of the material. Bridging traditional statistical topics with the latest software and applications in the field of education, Understanding Educational Statistics Using Microsoft Excel and SPSS is an excellent book for courses on educational research methods and introductory statistics in the social sciences at the upper-undergraduate and graduate levels. It also serves as a valuable resource for researchers and practitioners in the fields of education, psychology, and the social sciences who require a statistical background to work with data in their everyday work.

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

Marketing Analytics

Elementary Data Analysis Using Microsoft Excel Introductory Business Statistics is designed to meet the scope and sequence requirements of the one-semester statistics course for business, economics, and related majors. Core statistical concepts and skills have been augmented with practical business examples, scenarios, and exercises. The result is a meaningful understanding of the discipline, which will serve students in their business careers and real-world experiences.

Guerilla Data Analysis Using Microsoft Excel 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. Business Analytics with Microsoft Excel The handling of numbers in arithmetic and the progression into the more abstract field of mathematics and statistics is generally approached poorly in our education system. The inadequacy is not necessarily in the teaching techniques or the books and other text used but rather in the attitude towards these subjects. These subjects are seen as something which has to be taught because it is part of a preordained curriculum rather than a set of tools which are available to help people live a fuller, more productive and more interesting life. It is so enlightening when one hears people say, "I thought that when I left school I was leaving all the maths stuff behind me!" or "I was bored witless by all those numbers and formulas [sic] that were forced down my throat." This book was written out of a frustration at seeing statistics taught through formal methods using large scale statistic software packages. It seemed to me that very little was learned by this process and quite often both the teachers and the students were in denial. It is true that the students were generally able to pick up enough knowledge to pass an examination or to complete a piece of research. But I seldom saw anything which could
be regarded as deep learning and the little which had been learned did not stay for any length of time in the heads of these learners. I know people who have passed several university level courses in statistics and they can hardly recall never mind use any of what was taught to them.