

Statistics For People Who Think They Hate Statistics 2nd Book

This Interactive eBook is FREE when bundled with the new edition! Instructors: Bundle the Interactive eBook with its print version and your students get the eBook for free! Order using bundle ISBN: 978-1-5063-6445-2. Contact your Sales Representative for more information. Students: Still need to purchase an Access Code? Just select the "BUY NOW" button on this page to purchase your interactive eBook and obtain your individual access code. This dynamic Interactive eBook version of the Sixth Edition of Neil J. Salkind's best-selling text, *Statistics for People Who (Think They) Hate Statistics* goes way beyond highlighting and note-taking! Read your mobile-friendly eBook anywhere, anytime with easy access across desktop, smartphone, and tablet devices. Using the VitalSource Bookshelf platform, download your book to a personal computer and read it offline, share notes and highlights with instructors and classmates who are using the same eBook, and "follow" friends and instructors as they make their own notes and highlights. Simply click on icons in the eBook to experience a broad array of multimedia resources as well as get access to academic and professional articles. VIDEO: Relevant interviews, lectures, personal stories, inquiries, animated graphics, and other clips bring deeper learning and understanding as you explore key topics. WEB: Engaging web resources supplement and enrich key points within the text. JOURNAL ARTICLES: Access to articles from SAGE's influential journals, handbooks, and encyclopedias offer important background and exposure to seminal work in your field of study. If you want to outsmart a crook, learn his tricks—Darrell Huff explains exactly how in the classic *How to Lie with Statistics*. From distorted graphs and biased samples to misleading averages, there are countless statistical dodges that lend cover to anyone with an ax to grind or a product to sell. With abundant examples and illustrations, Darrell Huff's lively and engaging primer clarifies the basic principles of statistics and explains how they're used to present information in honest and not-so-honest ways. Now even more indispensable in our data-driven world than it was when first published, *How to Lie with Statistics* is the book that generations of readers have relied on to keep from being fooled.

This bundle includes Neil Joseph Salkind's *Statistics for People Who (Think They) Hate Statistics 6E*, *Study Guide to Accompany Neil J. Salkind's Statistics for People Who (Think They) Hate Statistics 6E*, Interactive eBook and SAGE IBM® BUNDLE® for v26.0 Student Version.

The Sixth Edition of Neil J. Salkind's best-selling *Statistics for People Who (Think They) Hate Statistics* promises to ease student anxiety around an often intimidating subject with a humorous, personable, and informative approach. Salkind guides students through various statistical procedures, beginning with descriptive statistics, correlation, and graphical representation of data, and ending with inferential techniques and analysis of variance.

The bestselling *Statistics for People Who (Think They) Hate Statistics* is now in its Seventh Edition with new co-author Bruce B. Frey. This text teaches an often intimidating and difficult subject in a way that is informative, personable, and clear. The authors take students through various statistical procedures, beginning with correlation and graphical representation of data and ending with inferential techniques and analysis of variance. In addition, the text provides instruction in SPSS, and includes reviews of more advanced techniques, such as reliability, validity, introductory non-parametric statistics, and more. The text includes a key feature called "The Path to Wisdom and Knowledge": a flowchart in each of the main chapters showing readers how to select the appropriate test statistic. The new edition includes more on multiple regression, power and effect size, and a new feature on statisticians throughout history called "People Who Loved Statistics". Retaining the student-friendly tone and presentation that made this text an international bestseller, new co-author Bruce Frey has added new examples, and reworked or expanded the explanations of many concepts to provide extra clarity.

Prepared by David Kremelberg (University of Connecticut, Storrs), this study guide offers additional review and practice to help you succeed in your statistics class. Each chapter corresponds to the appropriate chapter in Neil Salkind's *Statistics for People Who (Think They) Hate Statistics*, Fourth Edition, and contains the following: a chapter outline; learning objectives; key terms; a chapter summary; true/false, short-answer, and essay questions; and exercises.

In an increasingly data-driven world, it is more important than ever for students as well as professionals to better understand basic statistical concepts. *100 Questions (and Answers) About Statistics* addresses the essential questions that students ask about statistics in a concise and accessible way. It is perfect for instructors, students, and practitioners as a supplement to more comprehensive materials, or as a desk reference with quick answers to the most frequently asked questions.

From "one of the great (greatest?) contemporary popular writers on economics" (Tyler Cowen) comes a smart, lively, and encouraging rethinking of how to use statistics. Today we think statistics are the enemy, numbers used to mislead and confuse us. That's a mistake, Tim Harford says in *The Data Detective*. We shouldn't be suspicious of statistics—we need to understand what they mean and how they can improve our lives: they are, at heart, human behavior seen through the prism of numbers and are often "the only way of grasping much of what is going on around us." If we can toss aside our fears and learn to approach them clearly—understanding how our own preconceptions lead us astray—statistics can point to ways we can live better and work smarter. As "perhaps the best popular economics writer in the world" (*New Statesman*), Tim Harford is an expert at taking complicated ideas and untangling them for millions of readers. In *The Data Detective*, he uses new research in science and psychology to set out ten strategies for using statistics to erase our biases and replace them with new ideas that use virtues like patience, curiosity, and good sense to better understand ourselves and the world. As a result, *The Data Detective* is a big-idea book about statistics and human behavior that is fresh, unexpected, and insightful.

This Fifth Edition of Neil J. Salkind's *Statistics for People Who (Think They) Hate Statistics*:

Using Microsoft Excel, presents an often intimidating and difficult subject in a way that is clear, informative, and personable. Opening with an introduction to Excel, including coverage of how to use functions and formulas, this edition shows students how to install the Excel Data Analysis Tools option to access a host of useful analytical techniques. New to the Fifth Edition is new co-author Bruce Frey who has added a new feature on statisticians throughout history (with a focus on the contributions of women and people of color). He has updated the "Real-World Stats" feature, and added more on effect sizes, updated the discussions on hypotheses, measurement concepts like validity and reliability, and has more closely tied analytical choices to the level of measurement of variables. A website to accompany the book with resources for instructors and students is available at: <http://edge.sagepub.com/salkindexcel5e>

Revised edition of the author's Statistics for people who (think they) hate statistics, 2014.

The fun and easy way to get down to business with statistics Stymied by statistics? No fear? this friendly guide offers clear, practical explanations of statistical ideas, techniques, formulas, and calculations, with lots of examples that show you how these concepts apply to your everyday life. Statistics For Dummies shows you how to interpret and critique graphs and charts, determine the odds with probability, guesstimate with confidence using confidence intervals, set up and carry out a hypothesis test, compute statistical formulas, and more. Tracks to a typical first semester statistics course Updated examples resonate with today's students Explanations mirror teaching methods and classroom protocol Packed with practical advice and real-world problems, Statistics For Dummies gives you everything you need to analyze and interpret data for improved classroom or on-the-job performance.

This Fifth Edition of Neil J. Salkind's Statistics for People Who (Think They) Hate Statistics: Using Microsoft Excel, presents an often intimidating and difficult subject in a way that is clear, informative, and personable. Opening with an introduction to Excel, including coverage of how to use functions and formulas, this edition shows students how to install the Excel Data Analysis Tools option to access a host of useful analytical techniques. New to the Fifth Edition is new co-author Bruce Frey who has added a new feature on statisticians throughout history (with a focus on the contributions of women and people of color). He has updated the "Real-World Stats" feature, and added more on effect sizes, updated the discussions on hypotheses, measurement concepts like validity and reliability, and has more closely tied analytical choices to the level of measurement of variables.

If you know how to program, you have the skills to turn data into knowledge, using tools of probability and statistics. This concise introduction shows you how to perform statistical analysis computationally, rather than mathematically, with programs written in Python. By working with a single case study throughout this thoroughly revised book, you'll learn the entire process of exploratory data analysis—from collecting data and generating statistics to identifying patterns and testing hypotheses. You'll explore distributions, rules of probability, visualization, and many other tools and concepts. New chapters on regression, time series analysis, survival analysis, and analytic methods will enrich your discoveries. Develop an understanding of probability and statistics by writing and testing code Run experiments to test statistical behavior, such as generating samples from several distributions Use simulations to understand concepts that are hard to grasp mathematically Import data from most sources with Python, rather than rely on data that's cleaned and formatted for statistics tools Use statistical inference to answer questions about real-world data

Neil J. Salkind's bestselling Statistics for People Who (Think They) Hate Statistics has been helping ease student anxiety around an often intimidating subject since it first published in 2000. Now the bestselling SPSS® and Excel® versions are joined by a text for use with the R software, Statistics for People Who (Think They) Hate Statistics Using R. New co-author Leslie A. Shaw carries forward Salkind's signature humorous, personable, and informative approach as the text guides students in a grounding of statistical basics and R computing, and the

application of statistics to research studies. The book covers various basic and advanced statistical procedures, from correlation and graph creation to analysis of variance, regression, non-parametric tests, and more. A Complete Teaching & Learning Package SAGE Premium Video SAGE Premium Video tools and resources boost comprehension and bolster analysis. Videos include screencast tutorials that demonstrate setting up data and running selected problems in R. Learn more. SAGE edge FREE online resources for students that make learning easier. See how your students benefit.

Written in an accessible and clear manner, *Straightforward Statistics with Excel® 2e* by Chieh-Chen Bowen helps students across the social and behavioral sciences gradually build their skills to develop a better understanding of the world around them. Each chapter purposefully connects with the previous chapter for a gradual accrual of knowledge from simple to more complex concepts. This effective, cumulative approach to statistics through logical transitions eases students into statistics and prepares them for success in more advanced quantitative coursework and their own research. The second edition now features Excel instructions and exercises throughout so students can use this widely-available and applied software for statistics. This book is designed to walk the reader through statistics at a steady but gentle pace, providing pop quizzes throughout every chapter so readers can check their knowledge along the way. By gradually stepping up difficulty in each chapter, students generate a solid foundation and are prepared for the next chapters. *Straightforward Statistics with Excel* looks at the big picture so that the basic statistical concepts connect to everyday and relevant research examples in multiple ways. Throughout the book the reader is reminded of what they need to be able to recall with "You Must Remember This" boxes. A rich source of practical resources are located at the end of chapters beginning with "What You Learned," followed by three sets of exercises so students can immediately apply their knowledge. The new edition features a reorganized presentation of material, starting with measures of central tendency, separating this from measures of variability so students better understand the differences. A more thorough presentation of one-sample and dependent samples t-tests gives students a stronger foundation in these crucial tests in statistics. New examples and studies complete the update, with a focus on simplicity. Throughout, the book makes use of Excel instructions and screenshots so students can take statistics with them through research projects and into the world beyond academia.

An *Introduction to Theories of Human Development* provides a comprehensive view of the primary theoretical models of human development including those from the biological, psychoanalytic, behavioral, and cognitive developmental perspectives. Along with a brief discussion of a historical background for each of these approaches, this book examines the application of these theories to various aspects of human development, such as the effectiveness of early intervention, individual differences, adolescence, and sociobiology.

Shortlisted for the British Psychological Society Book Award 2017 Shortlisted for the British Book Design and Production Awards 2016 Shortlisted for the Association of Learned & Professional Society Publishers Award for Innovation in Publishing 2016 *An Adventure in Statistics: The Reality Enigma* by best-selling author and award-winning teacher Andy Field offers a better way to learn statistics. It combines rock-solid statistics coverage with compelling visual story-telling to address the conceptual difficulties that students learning statistics for the first time often encounter in

introductory courses - guiding students away from rote memorization and toward critical thinking and problem solving. Field masterfully weaves in a unique, action-packed story starring Zach, a character who thinks like a student, processing information, and the challenges of understanding it, in the same way a statistics novice would. Illustrated with stunning graphic novel-style art and featuring Socratic dialogue, the story captivates readers as it introduces them to concepts, eliminating potential statistics anxiety. The book assumes no previous statistics knowledge nor does it require the use of data analysis software. It covers the material you would expect for an introductory level statistics course that Field's other books (*Discovering Statistics Using IBM SPSS Statistics* and *Discovering Statistics Using R*) only touch on, but with a contemporary twist, laying down strong foundations for understanding classical and Bayesian approaches to data analysis. In doing so, it provides an unrivalled launch pad to further study, research, and inquisitiveness about the real world, equipping students with the skills to succeed in their chosen degree and which they can go on to apply in the workplace.

The Story and Main Characters

The Reality Revolution

In the City of Elpis, in the year 2100, there has been a reality revolution. Prior to the revolution, Elpis citizens were unable to see their flaws and limitations, believing themselves talented and special. This led to a self-absorbed society in which hard work and the collective good were undervalued and eroded. To combat this, Professor Milton Grey invented the reality prism, a hat that allowed its wearers to see themselves as they really were - flaws and all. Faced with the truth, Elpis citizens revolted and destroyed and banned all reality prisms.

The Mysterious Disappearance

Zach and Alice are born soon after all the prisms have been destroyed. Zach, a musician who doesn't understand science, and Alice, a geneticist who is also a whiz at statistics, are in love. One night, after making a world-changing discovery, Alice suddenly disappears, leaving behind a song playing on a loop and a file with her research on it.

Statistics to the Rescue!

Sensing that she might be in danger, Zach follows the clues to find her, as he realizes that the key to discovering why Alice has vanished is in her research. Alas! He must learn statistics and apply what he learns in order to overcome a number of deadly challenges and find the love of his life. As Zach and his pocket watch, The Head, embark on their quest to find Alice, they meet Professor Milton Grey and Celia, battle zombies, cross a probability bridge, and encounter Jig:Saw, a mysterious corporation that might have something to do with Alice's disappearance...

Author News "Eight years ago I had the idea to write a fictional story through which the student learns statistics via a shared adventure with the main character..." Read the complete article from Andy Field on writing his new book *Times Higher Education* article: "Andy Field takes statistics adventure to a new level" Stay Connected Connect with us on Facebook and share your experiences with Andy's texts, check out news, access free stuff, see photos, watch videos, learn about competitions, and much more. Video Links Go behind the scenes and learn more about the man behind the book: Watch Andy talk about why he created a statistics book using the framework of a novel and illustrations by one of the illustrators for the show, *Doctor Who*. See more videos on Andy's YouTube channel

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this process of learning through collaborative annotation keeps your students engaged and makes teaching easier and more effective. Learn more.

STATISTICAL METHODS FOR PSYCHOLOGY surveys the statistical techniques commonly used in the behavioral and social sciences, particularly psychology and education. To help students gain a better understanding of the specific statistical hypothesis tests that are covered throughout the text, author David Howell emphasizes conceptual understanding. This Eighth Edition continues to focus students on two key themes that are the cornerstones of this book's success: the importance of looking at the data before beginning a hypothesis test, and the importance of knowing the relationship between the statistical test in use and the theoretical questions being asked by the experiment. New and expanded topics--reflecting the evolving realm of statistical methods--include effect size, meta-analysis, and treatment of missing data. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This bundle includes Salkind: Statistics for People Who (Think They) Hate Statistics 6e and Study Guide for Education to Accompany Neil J. Salkind's Statistics for People Who (Think They) Hate Statistics 6e.

Design Research uses scientific methods to evaluate designs and build design theories. This book starts with recognizable questions in Design Research, such as A/B testing, how users learn to operate a device and why computer-generated faces are eerie. Using a broad range of examples, efficient research designs are presented together with statistical models and many visualizations. With the tidy R approach, producing publication-ready statistical reports is straight-forward and even non-programmers can learn this in just one day. Hundreds of illustrations, tables, simulations and models are presented with full R code and data included. Using Bayesian linear models, multi-level models and generalized linear models, an extensive statistical framework is introduced, covering a huge variety of research situations and yet, building on only a handful of basic concepts. Unique solutions to recurring problems are presented, such as psychometric multi-level models, beta regression for rating scales and ExGaussian regression for response times. A 'think-first' approach is promoted for model building, as much as the quantitative interpretation of results, stimulating readers to think about data generating processes, as well as rational decision making. New Statistics for Design Researchers: A Bayesian Workflow in Tidy R targets scientists, industrial researchers and students in a range of disciplines, such as Human Factors, Applied Psychology, Communication Science, Industrial Design, Computer Science and Social Robotics. Statistical concepts are introduced in a problem-oriented way and with minimal formalism. Included primers on R and Bayesian statistics provide entry point for all backgrounds. A dedicated chapter on model criticism and comparison is a valuable addition for the seasoned scientist.

The Study Guide to Accompany Neil J. Salkind's Statistics for People Who (Think They) Hate Statistics, Sixth Edition includes chapter outlines; chapter summaries; learning objectives; key terms; exercises; true/false, multiple choice, and essay questions; as well as answers to all questions. The guide has been updated to match the organization of Salkind's text and includes activities for the book's new Chapter 19: Data Mining: An Introduction to Getting the Most Out of Your BIG Data.

This bundle includes Neil Joseph Salkind's Statistics for People Who (Think They) Hate

Statistics 7E, Statistics for People Who (Think They) Hate Statistics Interactive eBook 7E, & the SAGE IBM® BUNDLE® for v26.0 Student Version

The best-selling Statistics for People Who (Think They) Hate Statistics is now in its Fifth Edition. Continuing its hallmark use of humor and common sense, this text helps students develop an understanding of an often intimidating and difficult subject with an approach that is informative, personable, and clear. Author Neil J. Salkind takes students through various statistical procedures, beginning with a brief historical introduction to statistics, correlation and graphical representation of data, and ending with inferential techniques and analysis of variance. The book provides examples using SPSS and includes reviews of measurement topics, such as reliability, validity, and also introductory non-parametric statistics. With more examples than ever before, the new edition offers a new Real World Stats feature at the end of each chapter. In addition, an enhanced interactive eBook edition (available spring 2014) features animated chapter introductions, quick quizzes, video clips, and more. The Fifth Edition is also the basis for the Excel edition for the book of the same name.

This Student Study Guide includes chapter outlines, chapter summaries, learning objectives, key terms, true/false, short answer and essay questions. Exercises are also included for students to test and apply their knowledge. Answers to all questions are also included. The Study Guide for the Seventh Edition matches the organization of the current Salkind and Frey text.

Statistics for People Who (Think They) Hate Statistics Using Microsoft Excel 2016 SAGE Publications

Now in its third edition, this title teaches an often intimidating and difficult subject in a way that is informative, personable, and clear.

'A statistical national treasure' Jeremy Vine, BBC Radio 2 'Required reading for all politicians, journalists, medics and anyone who tries to influence people (or is influenced) by statistics. A tour de force' Popular Science Do busier hospitals have higher survival rates? How many trees are there on the planet? Why do old men have big ears? David Spiegelhalter reveals the answers to these and many other questions - questions that can only be addressed using statistical science. Statistics has played a leading role in our scientific understanding of the world for centuries, yet we are all familiar with the way statistical claims can be sensationalised, particularly in the media. In the age of big data, as data science becomes established as a discipline, a basic grasp of statistical literacy is more important than ever. In The Art of Statistics, David Spiegelhalter guides the reader through the essential principles we need in order to derive knowledge from data. Drawing on real world problems to introduce conceptual issues, he shows us how statistics can help us determine the luckiest passenger on the Titanic, whether serial killer Harold Shipman could have been caught earlier, and if screening for ovarian cancer is beneficial. 'Shines a light on how we can use the ever-growing deluge of data to improve our understanding of the world' Nature

The bestselling text Statistics for People Who (Think They) Hate Statistics is the basis for this completely adapted Excel version. Author Neil J. Salkind presents an often intimidating and difficult subject in a way that is informative, personable, and clear. Researchers and students who find themselves uncomfortable with the analysis portion of their work will appreciate this book's unhurried pace and thorough, friendly presentation. Salkind begins the Excel version with a complete introduction to the

software, and shows the students how to install the Excel Analysis ToolPak option (free) to earn access to a host of new and very useful analytical techniques. He then walks students through various statistical procedures, beginning with correlations and graphical representation of data and ending with inferential techniques and analysis of variance. Pedagogical features include sidebars offering additional technical information about the topic and set-off points that reinforce major themes. Finally, questions to chapter exercises, a complete glossary, and extensive Excel functionality are located at the back of the book.

Scientific progress depends on good research, and good research needs good statistics. But statistical analysis is tricky to get right, even for the best and brightest of us. You'd be surprised how many scientists are doing it wrong. *Statistics Done Wrong* is a pithy, essential guide to statistical blunders in modern science that will show you how to keep your research blunder-free. You'll examine embarrassing errors and omissions in recent research, learn about the misconceptions and scientific politics that allow these mistakes to happen, and begin your quest to reform the way you and your peers do statistics. You'll find advice on: –Asking the right question, designing the right experiment, choosing the right statistical analysis, and sticking to the plan –How to think about p values, significance, insignificance, confidence intervals, and regression –Choosing the right sample size and avoiding false positives –Reporting your analysis and publishing your data and source code –Procedures to follow, precautions to take, and analytical software that can help Scientists: Read this concise, powerful guide to help you produce statistically sound research. Statisticians: Give this book to everyone you know. The first step toward statistics done right is *Statistics Done Wrong*.

Do you want to learn R? This book is built on the premise that anyone with a bit of free time and a healthy curiosity can learn to use R in their studies or at work. The authors focus on using R to do useful things like writing reports, creating data and graphs, accessing datasets collected by others, preparing data, and conducting simple data analysis. In this book you'll learn how to: install R and RStudio®, and set up an RStudio® project and folders; write an essay with graphs based on simple real-world data using R Markdown; create variables from everyday numeric information and visualize data through five types of charts—bar plot, histogram, pie chart, scatter plot, and time series line plot—to identify patterns in the data; write and run R programs, and prepare your data following the tidyverse approach; import external datasets into R, install R data packages, and carry out initial data validity checks; conduct exploratory data analysis through three exercises involving data on voting outcomes, natural resource consumption, and gross domestic product (GDP) via data visualization, correlation coefficient, and simple regression; and write a research paper on the impact of GDP per capita on life expectancy using R Markdown. Student-friendly language and examples (such as binge-watched shows on Netflix, and the top 5 songs on Spotify), cumulative learning, and practice exercises make this a must-have guide for a variety of courses where data are used and reports need to be written. Code and datasets used to carry out the examples in the book are available on an accompanying website.

Based on Neil J. Salkind's bestselling text, *Statistics for People Who (Think They) Hate Statistics*, this adapted Excel 2016 version presents an often intimidating and difficult subject in a way that is clear, informative, and personable. Researchers and students uncomfortable with the analysis portion of their work will appreciate the book's

unhurried pace and thorough, friendly presentation. Opening with an introduction to Excel 2016, including functions and formulas, this edition shows students how to install the Excel Data Analysis Tools option to access a host of useful analytical techniques and then walks them through various statistical procedures, beginning with correlations and graphical representation of data and ending with inferential techniques and analysis of variance. New to the Fourth Edition: A new chapter 20 dealing with large data sets using Excel functions and pivot tables, and illustrating how certain databases and other categories of functions and formulas can help make the data in big data sets easier to work with and the results more understandable. New chapter-ending exercises are included and contain a variety of levels of application. Additional TechTalks have been added to help students master Excel 2016. A new, chapter-ending Real World Stats feature shows readers how statistics is applied in the everyday world. Basic maths instruction and practice exercises for those who need to brush up on their math skills are included in the appendix.

Neil J. Salkind's bestselling *Statistics for People Who (Think They) Hate Statistics* has been helping ease student anxiety around an often intimidating subject since it first published in 2000. Now the bestselling SPSS® and Excel® versions are joined by a text for use with the R software, *Statistics for People Who (Think They) Hate Statistics Using R*. New co-author Leslie A. Shaw carries forward Salkind's signature humorous, personable, and informative approach as the text guides students in a grounding of statistical basics and R computing, and the application of statistics to research studies. The book covers various basic and advanced statistical procedures, from correlation and graph creation to analysis of variance, regression, non-parametric tests, and more. This bundle includes Neil Joseph Salkind's *Statistics for People Who (Think They) Hate Statistics 6E*, *Statistics for People Who (Think They) Hate Statistics Interactive eBook 6E* and *SAGE IBM® BUNDLE® for v26.0*.

The bestselling text *Statistics for People Who (Think They) Hate Statistics* is the basis for this completely adapted Excel 2010 version. Author Neil J. Salkind presents an often intimidating and difficult subject in a way that is informative, personable, and clear. Researchers and students who find themselves uncomfortable with the analysis portion of their work will appreciate this book's unhurried pace and thorough, friendly presentation. Salkind begins the Excel version with a complete introduction to the software, and shows the students how to install the Excel Analysis ToolPak option (free) to earn access to a host of new and very useful analytical techniques. He then walks students through various statistical procedures, beginning with correlations and graphical representation of data and ending with inferential techniques and analysis of variance. Pedagogical features include sidebars offering additional technical information about the topic and set-off points that reinforce major themes. Finally, questions to chapter exercises, a complete glossary, and extensive Excel functionality are located at the back of the book. This Third Edition is updated for use with Excel 2010.

"Brilliant, funny . . . the best math teacher you never had."—San Francisco Chronicle
Once considered tedious, the field of statistics is rapidly evolving into a discipline Hal Varian, chief economist at Google, has actually called "sexy." From batting averages and political polls to game shows and medical research, the real-world application of statistics continues to grow by leaps and bounds. How can we catch schools that cheat

on standardized tests? How does Netflix know which movies you'll like? What is causing the rising incidence of autism? As best-selling author Charles Wheelan shows us in *Naked Statistics*, the right data and a few well-chosen statistical tools can help us answer these questions and more. For those who slept through Stats 101, this book is a lifesaver. Wheelan strips away the arcane and technical details and focuses on the underlying intuition that drives statistical analysis. He clarifies key concepts such as inference, correlation, and regression analysis, reveals how biased or careless parties can manipulate or misrepresent data, and shows us how brilliant and creative researchers are exploiting the valuable data from natural experiments to tackle thorny questions. And in Wheelan's trademark style, there's not a dull page in sight. You'll encounter clever Schlitz Beer marketers leveraging basic probability, an International Sausage Festival illuminating the tenets of the central limit theorem, and a head-scratching choice from the famous game show *Let's Make a Deal*—and you'll come away with insights each time. With the wit, accessibility, and sheer fun that turned *Naked Economics* into a bestseller, Wheelan defies the odds yet again by bringing another essential, formerly unglamorous discipline to life.

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