

Cartoon Guide To Statistics By Larry Gonick

When The Cartoon Introduction to Climate Change was first published in 2014, it offered something entirely new: a fun, illustrated guide to a planetary crisis. If that sounds like an oxymoron, you've never seen the carbon cycle demonstrated through yoga poses or a polar bear explaining evolution to her cubs. That creativity comes from the minds of Yoram Bauman, the world's first and only "stand-up economist," and award-winning illustrator Grady Klein. After seeing their book used in classrooms and the halls of Congress alike, the pair has teamed up again to fully update the guide with the latest scientific data. Sociologists have argued that we don't address climate change because it's too big and frightening to get our heads around. The Cartoon Introduction to Climate Change takes the intimidation and gloom out of one of the most important challenges of our time.

The Book of R is a comprehensive, beginner-friendly guide to R, the world's most popular programming language for statistical analysis. Even if you have no programming experience and little more than a grounding in the basics of mathematics, you'll find everything you need to begin using R effectively for statistical analysis. You'll start with the basics, like how to handle data and write simple programs, before moving on to more advanced topics, like producing statistical summaries of your data and performing statistical tests and modeling. You'll even learn how to create impressive data visualizations with R's basic graphics tools and contributed packages, like ggplot2 and ggvis, as well as interactive 3D visualizations using the rgl package. Dozens of hands-on exercises (with downloadable solutions) take you from theory to practice, as you learn: –The fundamentals of programming in R, including how to write data frames, create functions, and use variables, statements, and loops –Statistical concepts like exploratory data analysis, probabilities, hypothesis tests, and regression modeling, and how to execute them in R –How to access R's thousands of functions, libraries, and data sets –How to draw valid and useful conclusions from your data –How to create publication-quality graphics of your results Combining detailed explanations with real-world examples and exercises, this book will provide you with a solid understanding of both statistics and the depth of R's functionality. Make The Book of R your doorway into the growing world of data analysis.

The Cartoon History of the Modern World is a wickedly funny take on modern history. It is essentially a complete and up-to-date course in college level Modern World History, but presented as a graphic novel. In an engaging and humorous graphic style, Larry Gonick covers the history, personalities and big topics that have shaped our universe over the past five centuries, including the Industrial Revolution, the American Revolution, the Russian Revolution, the evolution of political, social, economic, and scientific thought, Communism, Fascism, Nazism, the Cold War, Globalization—and much more. Volume I of the Cartoon History of the Modern World picks up from Gonick's award winning Cartoon History of the Universe Series. That series began with the Big Bang and ended with Christopher Columbus sailing for the New World. This book starts off with peoples that Columbus "discovered" and ends with the U.S. Revolution.

Shadow is a man with a past. But now he wants nothing more than to live a quiet life with his wife and stay out of trouble. Until he learns that she's been killed in a terrible accident. Flying home for the funeral, as a violent storm rocks the plane, a strange man in the seat next to him introduces himself. The man calls himself Mr. Wednesday, and he knows more about Shadow than is possible. He warns Shadow that a far bigger storm is coming. And from that moment on, nothing will ever be the same...

The Cartoon Introduction to Climate Change

The Cartoon History of the Universe

A Dictionary of Arts, Sciences, Literature and General Information

Quirky Quarks

The Encyclopaedia Britannica

Introduction to Probability

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.

Developed from celebrated Harvard statistics lectures, Introduction to Probability provides essential language and tools for understanding statistics, randomness, and uncertainty. The book explores a wide variety of applications and examples, ranging from coincidences and paradoxes to Google PageRank and Markov chain Monte Carlo (MCMC). Additional

A cartoon journey through the history of the universe from the big bang through the rise and fall of civilizations

A new voice in comics is incisive, funny, and fiercely feminist. "The mental load. It's incessant, gnawing, exhausting, and disproportionately falls to women. You know the scene--you're making dinner, calling the plumber/doctor/mechanic, checking homework and answering work emails--at the same time. All the while, you are being peppered with questions by your nearest and dearest 'where are my shoes?', 'do we have any cheese?...'" --Australian Broadcasting Corp on Emma's comic In her first book of comic strips, Emma reflects on social and feminist issues by means of simple line drawings, dissecting the mental load, ie all that invisible and unpaid organizing, list-making and planning women do to manage their lives, and the lives of their family members. Most of us carry some form of mental load--about our work, household responsibilities, financial obligations and personal life; but what makes up that burden and how it's distributed within households and understood in offices is not always equal or fair. In her strips Emma deals with themes ranging from maternity leave (it is not a vacation!),

domestic violence, the clitoris, the violence of the medical world on women during childbirth, and other feminist issues, and she does so in a straightforward way that is both hilarious and deadly serious.. If you're not laughing, you're probably crying in recognition. Emma's comics also address the everyday outrages and absurdities of immigrant rights, income equality, and police violence. Emma has over 300,000 followers on Facebook, her comics have been shared 215,000 times, and have elicited comments from 21,000 internet users. An article about her in the French magazine L'Express drew 1.8 million views--a record since the site was created. And her comic has just been picked up by The Guardian. Many women will recognize themselves in THE MENTAL LOAD, which is sure to stir a wide ranging, important debate on what it really means to be a woman today.

Psychology: The Comic Book Introduction

Statistics in Plain English

Hyper-Capitalism

The Cartoon Guide to Biology

The Manga Guide to Regression Analysis

The Manga Guide to Calculus

Do you love quantum physics, cosmology, and the humor behind the popular television show The Big Bang Theory? Have you been on the lookout for a fun, non-technical explanation behind things like time travel, wormholes, antimatter, and dark energy? You'll find all of that, and more, inside this fact-filled, cartoon-packed book. In Quirky Quarks: A Cartoon Guide to the Realm of Physics you'll get: The latest science behind the mysteries of our universe explained in common everyday language. A major dose of cartoons, comics, and humor. A good grasp of the bizarre nature of reality. Start reading and you'll find that hard science does not have to be hard. Whether you're a teacher, a physicist, or just a lover of the curious, this is the book for you. In an engaging and entertaining cartoon world inhabited by two dogs, a cat, and some very quirky quarks which you might know from The Particle Zoo. With cutting edge science and illustrations by Lemmer and Benjamin Bahr, and drawings by cartoonist Rina Piccolo, this may be the most fun science reading you're likely to find out there.

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 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 that 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. The book guides 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 is 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 S. M. Stirling, the book 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. It is 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 Excel) provide 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 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 of 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, and were considered 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, which 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 of 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. On 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 trouble, Zach uses 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 the 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 the desert, 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 about a 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's new book is an 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, 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 the book by one of the illustrators for the show, Doctor Who. See more videos on Andy's YouTube channel Available with Perusall—an eBook that makes it easier to prepare for class Perusall is an eBook platform featuring social annotation tools that allow students and instructors to collaboratively mark up and discuss their SAGE textbook. Backed by research and supported by innovations developed at Harvard University, this process of learning through collaborative annotation keeps your students engaged and makes teaching easier and more effective.

What? You don't know what a Burgess is? -- You can't outline the Monroe Doctrine? -- Recall the 14th Amendment? -- Explain the difference between a sputnik and a beatnik? The History of the United States to fill those gaps. From the first English colonies to the Gulf War and the S&L debacle, Larry Gonick spells it all out from his unique cartoon perspective. An award-winning cartoonist teams up with an award-winning psychologist to introduce readers to the complex—and often comedic—world of psychology. Psychology is the study of the mind, a serious and worthy endeavor that has given us scientific knowledge of the ways our minds make sense of the world. Yet, as cartoonist Grady Klein and psychologist Danny Oppenheimer show, the study of human experience can also be often really funny. This is the field, after all, that brought us drooling dogs, snacking rats, and "Freudian slips." With detailed observations on perception, memory, cognition, and more, Psychology: The Comic Book Introduction offers students and curious readers an entertaining guide to the ways our brains help us navigate incredibly complicated

often fool us in fascinating ways.

Statistics for People Who (Think They) Hate Statistics

Cartoon History of the United States

The Reality Enigma

Introducing Statistics

A First Course in Programming and Statistics

From East To West

Anyone who watches the former U.S. Secretary of Labor and The Daily Show and CNBC commentator's videocasts, viewed on his Inequality Media website, has seen Reich's informal lectures on student debt, social security, and gerrymandering, which he accompanies by quickly drawing cartoons to illustrate his major points. Collected here, for the first time, are short essays, edited from his presentations, and Reich's clean-line, confident illustrations, created with a large sketchpad and magic marker. Economics in Wonderland clearly explains the consequences of the disastrous policies of global austerity with humor, insight, passion, and warmth, all of which are on vivid display in words and pictures.

Presents an introduction to statistics, providing information on analyzing and interpreting data, knowing where to begin solving problems, and more.

Provides an introduction to the principles of both microeconomics and macroeconomics that features graphic representations of key concepts.

When asked to define the ideal leader, many would emphasize traits such as intelligence, toughness, determination, and vision—the qualities traditionally associated with leadership. Often left off the list are softer, more personal qualities—but they are also essential. Although a certain degree of analytical and technical skill is a minimum requirement for success, studies indicate that emotional intelligence may be the key attribute that distinguishes outstanding performers from those who are merely adequate. Psychologist and author Daniel Goleman first brought the term "emotional intelligence" to a wide audience with his 1995 book of the same name, and Goleman first applied the concept to business with a 1998 classic Harvard Business Review article. In his research at nearly 200 large, global companies, Goleman found that truly effective leaders are distinguished by a high degree of emotional intelligence. Without it, a person can have first-class training, an incisive mind, and an endless supply of good ideas, but he or she still won't be a great leader. The chief components of emotional intelligence—self-awareness, self-regulation, motivation, empathy, and social skill—can sound unbusinesslike, but Goleman found direct ties between emotional intelligence and measurable business results. The Harvard Business Review Classics series offers you the opportunity to make seminal Harvard Business Review articles a part of your permanent management library. Each highly readable volume contains a groundbreaking idea that continues to shape best practices and inspire countless managers around the world—and will have a direct impact on you today and for years to come.

The Cartoon Guide to the Computer

The Cartoon Guide to Chemistry

A Cartoon Guide to the Fascinating Realm of Physics

The Cartoon Introduction to Philosophy

What Makes a Leader? (Harvard Business Review Classics)

Cartoon Guide to Statistics

The internationally bestselling authors of The Cartoon Introduction to Economics return to make calculus fun The award-winning illustrator Grady Klein has teamed up once again with the world's only stand-up economist, Yoram Bauman, Ph.D., to take on the daunting subject of calculus. A supplement to traditional textbooks, The Cartoon Introduction to Calculus focuses on the big ideas rather than all the formulas you have to memorize. With Klein and Bauman as our guides, we scale the dual peaks of Mount Derivative and Mount Integral, and from their summits, we see how calculus relates to the rest of mathematics. Beginning with the problems of speed and area, Klein and Bauman show how the discipline is unified by a fundamental theorem. We meet geniuses like Archimedes, Liu Hui, and Bonaventura Cavalieri, who survived the slopes on intuition but prepared us for the avalanche-like dangers posed by mathematical rigor. Then we trek onward and scramble through limits and extreme values, optimization and integration, and learn how calculus can be applied to economics, physics, and so much more. We discover that calculus isn't the pinnacle of mathematics after all, but its tools are foundational to everything that follows. Klein and Bauman round out the book with a handy glossary of symbols and terms, so you don't have to worry about mixing up constants and constraints. With a witty and engaging narrative full of jokes and insights, The Cartoon Introduction to Calculus is an essential primer for students or for anyone who is curious about math.

This text covers the analysis and interpretation of data emphasizing statistical methods used most frequently in psychological, educational, and medical research. The focus is on the application of statistical methods including computer methods of data analysis rather than on the mathematical bases of the methods.

A comprehensive and comical new illustrated guide to algebra Do you think that a Cartesian plane is a luxury jetliner? Does the phrase "algebraic expression" leave you with a puzzled look? Do you believe that the Order of Operations is an Emmy-winning medical drama? Then you need The Cartoon Guide to Algebra to put you on the road to algebraic literacy. The Cartoon Guide to Algebra covers all of algebra's essentials—including rational and real numbers, the number line, variables, expressions, laws of combination, linear and quadratic equations,

rates, proportion, and graphing—with clear, funny, and easy-to-understand illustrations, making algebra's many practical applications come alive. This latest math guide from New York Times bestselling author Larry Gonick is an essential supplement for students of all levels, in high school, college, and beyond. School's most dreaded subject has never been more fun.

A fun and easy way to learn about computers, now redesigned to match the other cartoon guides. Illustrated with cartoons throughout.

Cartoon Guide to the Environment

The Cartoon History of the Universe III

The Cartoon Introduction to Climate Change, Revised Edition

Hyperstat

The Mental Load

Statistics Workbook For Dummies

Have you ever asked yourself: Are spliced genes the same as mended Levis? Watson and Crick? Aren't they a team of British detectives? Plant sex? Can they do that? Is Genetic Mutation the name of one of those heavy metal bands? Asparagine? Which of the four food groups is that in? Then you need The Cartoon Guide to Genetics to explain the important concepts of classical and modern genetics—it's not only educational, it's funny too!

Like a lot of people, Miu has had trouble learning regression analysis. But with new motivation—in the form of a handsome but shy customer—and the help of her brilliant café coworker Risa, she's determined to master it. Follow along with Miu and Risa in The Manga Guide to Regression Analysis as they calculate the effect of temperature on iced tea orders, predict bakery revenues, and work out the probability of cake sales with simple, multiple, and logistic regression analysis. You'll get a refresher in basic concepts like matrix equations, inverse functions, logarithms, and differentiation before diving into the hard stuff. Learn how to: -Calculate the regression equation -Check the accuracy of your equation with the correlation coefficient -Perform hypothesis tests and analysis of variance, and calculate confidence intervals -Make predictions using odds ratios and prediction intervals -Verify the validity of your analysis with diagnostic checks -Perform chi-squared tests and F-tests to check the goodness of fit Whether you're learning regression analysis for the first time or have just never managed to get your head around it, The Manga Guide to Regression Analysis makes mastering this tricky technique straightforward and fun.

Cartoon Guide to Statistics Harper Collins

In this radical book, Roy Bhaskar expands his philosophy of critical realism with an audacious re-synthesis of many aspects of Western and Eastern thought. Arguing that the existence of God provides the fundamental structure of the world, he renders plausible ideas of reincarnation, karma and moksha or liberation. Originally published in the year of the millennium, From East to West continues to be a groundbreaking and fundamental work within the critical realist tradition. Stimulating debate in ontology, epistemology, ethics, political philosophy and the philosophy of religion, this book has been influential as a major new development in critical realism. This second edition contains a new introduction from Mervyn Hartwig, who is the founding editor of the Journal of Critical Realism and editor and principal author of the Dictionary of Critical Realism.

American Gods

The Cartoon History of the Modern World Part 1

Economics in Wonderland

The Book of R

From Columbus to the U.S. Constitution

From New York Times bestselling author Larry Gonick and Davidson College biology professor David Wessner comes this comprehensive and humorous cartoon guide to topics in biology. Did you faint when your middle school science teacher asked you to dissect a frog? Do you think DNA stands for "Don't Know the Answer"? Do you still cling to the belief that osmosis was the name of Ozzy Osbourne's last tour? If you said yes to any of these questions—or even if you didn't—then you need The Cartoon Guide to Biology. The latest from New York Times bestselling author Larry Gonick—writing with Davidson College biology professor David Wessner—is a hilarious and informative handbook to the science of life. From the inner workings of the cell, to the magic of gene expression, to the Krebs and Calvin cycles, to sexual and asexual reproduction, The Cartoon Guide to Biology uses simple, clear, humorous illustrations to make biology's most complex concepts understandable and entertaining. Whether you're peering into the microscope for the first time or brushing up after decades of de-evolution, this book has you covered.

Noriko is just getting started as a junior reporter for the Asagake Times. She wants to cover the hard-hitting issues, like world affairs and politics, but does she have the smarts for it? Thankfully, her overbearing and math-minded boss, Mr. Seki, is here to

teach her how to analyze her stories with a mathematical eye. In *The Manga Guide to Calculus*, you'll follow along with Noriko as she learns that calculus is more than just a class designed to weed out would-be science majors. You'll see that calculus is a useful way to understand the patterns in physics, economics, and the world around us, with help from real-world examples like probability, supply and demand curves, the economics of pollution, and the density of Shochu (a Japanese liquor). Mr. Seki teaches Noriko how to:

- Use differentiation to understand a function's rate of change
- Apply the fundamental theorem of calculus, and grasp the relationship between a function's derivative and its integral
- Integrate and differentiate trigonometric and other complicated functions
- Use multivariate calculus and partial differentiation to deal with tricky functions
- Use Taylor Expansions to accurately imitate difficult functions with polynomials

Whether you're struggling through a calculus course for the first time or you just need a painless refresher, you'll find what you're looking for in *The Manga Guide to Calculus*. This EduManga book is a translation from a bestselling series in Japan, co-published with Ohmsha, Ltd. of Tokyo, Japan.

The Cartoon Introduction to Statistics is the most imaginative and accessible introductory statistics course you'll ever take. Employing an irresistible cast of dragon-riding Vikings, lizard-throwing giants, and feuding aliens, the renowned illustrator Grady Klein and the award-winning statistician Alan Dabney teach you how to collect reliable data, make confident statements based on limited information, and judge the usefulness of polls and the other numbers that you're bombarded with every day. If you want to go beyond the basics, they've created the ultimate resource: "The Math Cave," where they reveal the more advanced formulas and concepts. Timely, authoritative, and hilarious, *The Cartoon Introduction to Statistics* is an essential guide for anyone who wants to better navigate our data-driven world.

An acerbic graphic takedown of capitalism In *Hyper-Capitalism*, cartoonist Larry Gonick and psychologist Tim Kasser offer a vivid and an accessible new way to understand how global, privatising, market-worshipping hyper-capitalism is threatening human well-being, social justice, and the planet. Drawing from contemporary research, they describe and illustrate concepts (such as corporate power, free trade, privatisation, and deregulation) that are critical for understanding the world we live in, and movements (such as voluntary simplicity, sharing, alternatives to GDP, and protests) that have developed in response to the system. Gonick and Kasser's pointed and profound cartoon narratives provide a deep exploration of the global economy and the movements seeking to change it, all rendered in clear, graphic - and sometimes hilarious - terms. In the process, they point the way to a healthier future for all of us.

The Woefully Complete Guide

The Manga Guide to Statistics

The Modern Economy, Its Values, and How to Change Them

Volume One: Microeconomics

The Cartoon Introduction to Economics

The Cartoon Introduction to Calculus

From the medicine we take, the treatments we receive, the aptitude and psychometric tests given by employers, the cars we drive, the clothes we wear to even the beer we drink, statistics have given shape to the world we inhabit. For the media, statistics are routinely 'damning', 'horrifying', or, occasionally, 'encouraging'. Yet, for all their ubiquity, most of us really don't know what to make of statistics. Exploring the history, mathematics, philosophy and practical use of statistics, Eileen Magnello - accompanied by Bill Mayblin's intelligent graphic illustration - traces the rise of statistics from the ancient Babylonians, Egyptians and Chinese, to the censuses of Romans and the Greeks, and the modern emergence of the term itself in Europe. She explores the 'vital statistics' of, in particular, William Farr, and the mathematical statistics of Karl Pearson and R.A. Fisher. She even tells how knowledge of statistics can prolong one's life, as it did for evolutionary biologist Stephen Jay Gould, given eight months to live after a cancer diagnoses in 1982 - and he lived until 2002. This title offers an enjoyable, surprise-filled tour through a subject that is both fascinating and crucial to understanding our world.

If you have ever looked for P-values by shopping at P mart, tried to watch the Bernoulli Trails on "People's Court," or think that the standard deviation is a criminal offense in six states, then you need *The Cartoon Guide to Statistics* to put you on the road to statistical literacy. *The Cartoon Guide to Statistics* covers all the central ideas of modern statistics: the summary and display of data, probability in gambling and medicine, random variables, Bernoulli Trails, the Central Limit Theorem, hypothesis testing, confidence interval estimation, and much more—all explained in simple, clear, and yes, funny illustrations. Never again will you order the Poisson Distribution in a French restaurant!

Everything 's gone screwy at Tagai Academy. When the headmaster forces Minagi 's entire class to study Einstein 's theory of relativity over summer school, Minagi volunteers to go in their place.

There 's just one problem: He 's never even heard of relativity before! Luckily, Minagi has the plucky Miss Uruga to teach him. Follow along with *The Manga Guide to Relativity* as Minagi learns about the non-intuitive laws that shape our universe. Before you know it, you 'll master difficult concepts like inertial frames of reference, unified spacetime, and the equivalence principle. You 'll see how relativity affects modern astronomy and discover why GPS systems and other everyday technologies depend on Einstein 's extraordinary discovery. *The Manga Guide to Relativity* also teaches you how

to: –Understand and use $E = mc^2$, the world ' s most famous equation –Calculate the effects of time dilation using the Pythagorean theorem –Understand classic thought experiments like the Twin Paradox, and see why length contracts and mass increases at relativistic speeds –Grasp the underpinnings of Einstein ' s special and general theories of relativity If the idea of bending space and time really warps your brain, let The Manga Guide to Relativity straighten things out.

"Climate change is no laughing matter--but maybe it should be. The topic is so critical that everyone, from students to policy-makers to voters, needs a quick and easy guide to the basics. The Cartoon Introduction to Climate Change entertains as it educates, delivering a unique and enjoyable presentation of mind-blowing facts and critical concepts. "Stand-up economist" Yoram Bauman and award-winning illustrator Grady Klein have created the funniest overview of climate science, predictions, and policy that you'll ever read. You'll giggle, but you'll also learn--about everything from Milankovitch cycles to carbon taxes. This cartoon introduction is based on the latest report from the authoritative Intergovernmental Panel on Climate Change (IPCC) and integrates Bauman's expertise on economics and policy. If economics can be funny, then climate science can be a riot. Sociologists have argued that we don't address global warming because it's too big and frightening to get our heads around. The Cartoon Introduction to Climate Change takes the intimidation and gloom out of one of the most complex and hotly debated challenges of our time" --

An Adventure in Statistics

Cartoon Guide to Genetics

The Cartoon Guide to Algebra

The Manga Guide to Relativity

A Graphic Guide

Using Microsoft Excel 2016

A complete—and completely enjoyable—new illustrated guide to calculus Master cartoonist Larry Gonick has already given readers the history of the world in cartoon form. Now, Gonick, a Harvard-trained mathematician, offers a comprehensive and up-to-date illustrated course in first-year calculus that demystifies the world of functions, limits, derivatives, and integrals. Using clear and helpful graphics—and delightful humor to lighten what is frequently a tough subject—he teaches all of the essentials, with numerous examples and problem sets. For the curious and confused alike, The Cartoon Guide to Calculus is the perfect combination of entertainment and education—a valuable supplement for any student, teacher, parent, or professional.

The Manga Guide to Statistics capitalizes on the international manga phenomenon. This first in a series of EduManga titles from No Starch Press (co-published with Ohmsha, Ltd. of Japan), The Manga Guide to Statistics uses manga to introduce the reader to the world of statistics. Rather than learning from a dry textbook, readers follow the animated adventures of Rui and her teacher, Mamoru Yamamoto, as Rui interacts with a colorful cast of characters. The book consists of seven chapters, each containing a cartoon, text to supplement the cartoon, an exercise and answer section, and a summary. Readers learn about working with numerical and categorical data; probability; relationships between two variables; tests of independence; even how to perform calculations in Microsoft Excel. Other titles in the series will cover topics like databases, electricity, and physics.

This book presents statistical concepts and techniques in simple, everyday language to help readers gain a better understanding of how they work and how to interpret them correctly. Each self-contained chapter features a description of the statistic including how it is used and the information it provides, how to calculate the formula, the strengths and weaknesses of each technique, the conditions needed for its use, and an example that uses and interprets the statistic. A glossary of terms and symbols is also included along with an Interactive CD with PowerPoint presentations and problems and solutions for each chapter. This brief paperback is an ideal supplement for statistics, research methods, or any course that uses statistics, or as a handy reference tool to refresh one's memory about key concepts. The actual research examples are from a variety of fields, including psychology and education.

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.

The Cartoon Guide to Calculus

Robert Reich's Cartoon Guide to a Political World Gone Mad and Mean

The Cartoon Introduction to Statistics

From the Rise of Arabia to the Renaissance

Statistics Done Wrong

A Feminist Comic

Do you think that the Ozone Hole is a grunge rock club? Or that the Food Web is an on-line restaurant guide? Or that the Green Revolution happened in Greenland? Then you need The Cartoon Guide to the Environment to put you on the road to environmental literacy. The Cartoon Guide to the Environment covers the main topics of environmental science: chemical cycles, life communities, food webs, agriculture, human population growth, sources of energy and raw materials, waste disposal and recycling, cities, pollution, deforestation, ozone depletion, and global warming—and puts them in the context of ecology, with discussions of population dynamics, thermodynamics, and the behavior of complex systems.

"An illustrated introduction to the major subjects of Western philosophy, guided by Heraclitus"--

If you have ever suspected that "heavy water" is the title of a bootleg Pink Floyd album, believed that surface tension is an anxiety disorder, or imagined that a noble gas is the result of a heavy meal at Buckingham Palace, then you need The Cartoon Guide to Chemistry to set you on the road to chemical literacy. You don't need to be a scientist to grasp these and many other complex ideas, because The Cartoon Guide to Chemistry explains them all: the history and basics of chemistry, atomic theory, combustion, solubility, reaction stoichiometry, the mole, entropy, and much more—all explained in simple, clear, and yes, funny illustrations. Chemistry will never be the same!

Odyssey of a Soul