Cool Infographics: Effective Communication With Data Visualization And Design

A dream come true for those looking to improve their data fluency Analytical data is a powerful tool for growing companies, but what good is it if it hides in the shadows? Bring your data to the forefront with effective visualization and communication approaches, and let Data Fluency: Empowering Your Organization with Effective Communication show you the best tools and strategies for getting the job done right. Learn the best practices of data presentation and the ways that reporting and dashboards can help organizations effectively gauge performance, identify areas for improvement, and communicate results. Topics covered in the book include data reporting and communication, audience and user needs, data presentation tools, layout and styling, and common design failures. Those responsible for analytics, reporting, or BI implementation will find a refreshing take on data and visualization in this resource, as will report, data visualization, and dashboard designers. Conquer the challenge of making valuable data approachable and easy to understand Develop unique skills required to shape data to the needs of different audiences Full color book links to bonus content at juiceanalytics.com Written by well-known and highly esteemed authors in the data presentation community Data Fluency: Empowering Your Organization with Effective Communication focuses on user experience, making reports approachable, and presenting data in a compelling, inspiring way. The book helps to dissolve the disconnect between your data and those who might use it and can help make an impact on the people who are most affected by data. Use Data Fluency today to develop the skills necessary to turn data into effective displays for decision-making.

A visual guide to the way the world really works Every day, every hour, every minute we are bombarded by information - from television, from newspapers, from the internet, we're steeped in it, maybe even lost in it. We need a new way to relate to it, to discover the beauty and the fun of information for information's sake. No dry facts, theories or statistics. Instead, Information is Beautiful contains visually stunning displays of information that blend the facts with their connections, their context and their relationships - making information meaningful, entertaining and beautiful. This is information like you have never seen it before - keeping text to a minimum and using unique visuals that offer a blueprint of modern life - a map of beautiful colour illustrations that are tactile to hold and easy to flick through but intriguing and engaging enough to study for hours.

How do we create new ways of looking at the world? Join award-winning data storyteller RJ Andrews as he pushes beyond the usual how-to, and takes you on an adventure into the rich art of informing. Creating Info We Trust is a craft that puts the world into forms that are strong and true. It begins with maps, diagrams, and charts — but must push further than dry defaults to be truly effective. How do we attract attention? How can we offer audiences valuable experiences worth their time? How can we help people access complexity? Dark and mysterious, but full of potential, data is the raw material from which new understanding can emerge. Become a hero of the information age as you learn how to dip into the chaos of data and emerge with new understanding that can entertain, improve, and inspire. Whether you call the craft data storytelling, data visualization, data journalism, dashboard design, or infographic creation — what matters is that you are courageously confronting the chaos of it all in order to improve how people see the world. Info We Trust is written for everyone who straddles the domains of data and people: data visualization professionals, analysts, and all who are enthusiastic for seeing the world in new ways. This book draws from the entirety of human experience, quantitative and poetic. It teaches advanced techniques, such as visual metaphor and data transformations, in order to create more human presentations of data. It also shows how we can learn from print advertising, engineering, museum curation, and mythology archetypes. This human-centered approach works with machines to design information for people. Advance your understanding beyond by learning from a broad tradition of putting things "in formation" to create new and wonderful ways of opening our eyes to the world. Info We Trust takes a thoroughly original point of attack on the art of informing. It builds on decades of best practices and adds the creative enthusiasm of a world-class data storyteller. Info We Trust is lavishly illustrated with hundreds of original compositions designed to illuminate the craft, delight the reader, and inspire a generation of data storytellers.

Do you ever think you're the only one making any sense? Or tried to reason with your partner with disastrous results? Do long, rambling answers drive you crazy? Or does your colleague's abrasive manner rub you the wrong way? You are not alone. After a disastrous meeting with a highly successful entrepreneur, who was genuinely convinced he was 'surrounded by idiots', communication expert and bestselling author, Thomas Erikson dedicated himself to understanding how people function and why we often struggle to connect with certain types of people. Surrounded by Idiots is an international phenomenon, selling over 1.5 million copies worldwide. It offers a simple, yet ground-breaking method for assessing the personalities of people we communicate with - in and out of the office - based on four personality types (Red, Blue, Green and Yellow), and provides insights into how we can adjust the way we speak and share information. Erikson will help you understand yourself better, hone communication and social skills, handle conflict with confidence, improve dynamics with your boss and team, and get the best out of the people you deal with and manage. He also shares simple tricks on body language, improving written communication, advice on when to back away or when to push on, and when to speak up or shut up. Packed with 'aha!' and 'oh no!' moments, Surrounded by Idiots will help you understand and communicate with those around you, even people you currently think are beyond all comprehension. And with a bit of luck you can also be confident that the idiot out there isn't you!

Graphic Design and Illustration for Infographics
The FlowingData Guide to Design, Visualization, and Statistics
Info We Trust
How To Use Comics to Communicate Ideas
The Best American Infographics 2013

Infographic Design

Go beyond spreadsheets and tables and design a data presentation that really makes an impact. This practical guide shows you how to use Tableau Software to convert raw data into compelling data visualizations that provide insight or allow viewers to explore the data for themselves. Ideal for analysts, engineers, marketers, journalists, and researchers, this book describes the principles of communicating data and takes you on an in-depth tour of common visualization methods. You'll learn how to craft articulate and creative data visualizations with Tableau Desktop 8.1 and Tableau Public 8.1. Present comparisons of how much and how many Use blended data sources to create ratios and rates Create charts to depict proportions and percentages Visualize measures of mean, median, and mode Lean how to deal with variation and uncertainty Communicate multiple quantities in the same view Show how quantities and events change over time Use maps to communicate positional data Build dashboards to combine several visualizations

A leading data visualization expert explores the negative—and positive—influences that charts have on our perception of truth. We've all heard that a picture is worth a thousand words, but what if we don't understand what we're looking at? Social media has made charts, infographics, and diagrams ubiquitous—and easier to share than ever. We associate charts with science and reason; the flashy visuals are both appealing and persuasive. Pie charts, maps, bar and line graphs, and scatter plots (to name a few) can better inform us, revealing patterns and trends hidden behind the numbers we encounter in our lives. In short, good charts make us smarter—if we know how to read them. However, they can also lead us astray. Charts lie in a variety of ways—displaying incomplete or inaccurate data, suggesting misleading patterns, and concealing uncertainty—or are frequently misunderstood, such as the confusing cone of uncertainty maps shown on TV every hurricane season. To make matters worse, many of us are ill-equipped to interpret the visuals that politicians, journalists, advertisers, and even our employers present each day, enabling bad actors to easily manipulate them to promote their own agendas. In How Charts Lie, data visualization expert Alberto Cairo teaches us to not only spot the lies in deceptive visuals, but also to take advantage of good ones to understand complex stories. Public conversations are increasingly propelled by numbers, and to make sense of them we must be able to decode and use visual information. By examining contemporary examples ranging from election-result infographics to global GDP maps and box-office record charts, How Charts Lie demystifies an essential new literacy, one that will make us better equipped to navigate our data-driven world.

Provides information on effectively analyzing and displaying data.

Unlike any time before in our lives, we have access to vast amounts of free information. With the right tools, we can start to make sense of all this data to see patterns and trends that would otherwise be invisible to us. By transforming numbers into graphical shapes, we allow readers to understand the stories those numbers hide. In this practical introduction to understanding and using information graphics, you'll learn how to use data visualizations as tools to see beyond lists of numbers and variables and achieve new insights into the complex world around us. Regardless of the kind of data you're working with—business, science, politics, sports, or even your own personal finances—this book will show you how to use statistical charts, maps, and explanation diagrams to spot the stories in the data and learn new things from it. You'll also get to peek into the creative process of some of the world's most talented designers and visual journalists, including Condé Nast Traveler's John Grimwade, National Geographic Magazine's Fernando Baptista, The New York Times' Steve Duenes, The Washington Post's Hannah Fairfield, Hans Rosling of the Gapminder Foundation, Stanford's Geoff McGhee, and European superstars Moritz Stefaner, Jan Willem Tulp, Stefanie Posavec, and Gregor Aisch. The book also includes a DVD-ROM containing over 90 minutes of video lessons that expand on core concepts explained within the book and includes even more inspirational information graphics from the world's leading designers. The first book to offer a broad, hands-on introduction to information graphics and visualization, The Functional Art reveals: • Why data visualization should be thought of as "functional art" rather than fine art • How to use color, type, and other graphic tools to make your information graphics more effective, not just better looking • The science of how our brains perceive and remember information ¿ • Best practices for creating interactive information graphics • A comprehensive look at the creative process behind successful information graphics ¿ • An extensive gallery of inspirational work from the world's top designers and visual artists On the DVD-ROM: In this introductory video course on information graphics, Alberto Cairo goes into greater detail with even more visual examples of how to create effective information graphics that function as practical tools for aiding perception. You'll learn how to: incorporate basic design principles in your visualizations, create simple interfaces for interactive graphics, and choose the appropriate type of graphic forms for your data. Cairo also deconstructs successful information graphics from The New York Times and National Geographic magazine with sketches and images not shown in the book. All of Peachpit's eBooks contain the same content as the print edition. You will find a link in the last few pages of your eBook that directs you to the media files. Helpful tips: If you are able to search the book, search for "Where are the lesson files?" Go to the very last page of the book and scroll backwards. You will need a web-enabled device or computer in order to access the media files that accompany this ebook. Entering the URL supplied into a computer with web access will allow you to get to the files. Depending on your device, it is possible that your display settings will cut off part of the URL. To make sure this is not the case, try reducing your font size and turning your device to a landscape view. This should cause the full URL to appear.

An Answer for Everything
Empowering Your Organization with Effective Data Communication
Swimming Lessons for Baby Sharks
A Practical Introduction with Legacy Data and Neo4j
The Power of Infographics
A Data Visualization Guide for Business Professionals
Data, Charts, and Maps for Communication

How to make simple sense of complex statistics--from the author of Numbers Rule Your World We live in a world of Big Data--and it's getting bigger every day. Virtually every choice we make hinges on how someone generates data . . . and how someone else interprets it--whether we realize it or not. Where do you send your child for the best education? Big Data. Which airline should you choose to ensure a timely arrival? Big Data. Who will you vote for in the next election? Big Data. The problem is, the more data we have, the more difficult it is to interpret it. From world leaders to average citizens, everyone is prone to making critical decisions based on poor data interpretations. In Numbersense, expert statistician Kaiser Fung explains when you should accept the conclusions of the Big Data "experts"--and when you should say, "Wait . . . what?" He delves deeply into a wide range of topics, offering the answers to important questions, such as: How does the college ranking system really work? Can an obesity measure solve America's biggest healthcare crisis? Should you trust current unemployment data issued by the government? How do you improve your fantasy sports team? Should you worry about businesses that track your data? Don't take for granted statements made in the media, by our leaders, or even by your best friend. We're on information overload today, and there's a lot of bad information out there. Numbersense gives you the insight into how Big Data interpretation works--and how it too often doesn't work. You won't come away with the skills of a professional statistician. But you will have a keen understanding of the data traps even the best statisticians can fall into, and you'll trust the mental alarm that goes off in your head when something just doesn't seem to add up. Praise for Numbersense "Numbersense correctly puts the emphasis not on the size of big data, but on the analysis of it. Lots of fun stories, plenty of lessons learned—in short, a great way to acquire your own sense of numbers!" Thomas H. Davenport, coauthor of Competing on Analytics and President's Distinguished Professor of IT and Management, Babson College "Kaiser's accessible business book will blow your mind like no other. You'll be smarter, and you won't even realize it. Buy. It. Now." Avinash Kaushik, Digital Marketing Evangelist, Google, and author, Web Analytics 2.0 "Each story in Numbersense goes deep into what you have to think about before you trust the numbers. Kaiser Fung ably demonstrates that it takes skill and resourcefulness to make the numbers confess their meaning." John Sall, Executive Vice President, SAS Institute "Kaiser Fung breaks the bad news—a ton more data is no panacea—but then has got your back, revealing the pitfalls of analysis with stimulating stories from the front lines of business, politics, health care, government, and education. The remedy isn't an advanced degree, nor is it common sense. You need Numbersense." Eric Siegel, founder, Predictive Analytics World, and author, Predictive Analytics "I laughed my way through this superb-useful-fun book and learned and relearned a lot. Highly recommended!" Tom Peters, author of In Search of Excellence

Data visualization is an efficient and effective medium for communicating large amounts of information, but the design process can often seem like an unexplainable creative endeavor. This concise book aims to demystify the design process by showing you how to use a linear decision-making process to encode your information visually. Delve into different kinds of visualization, including infographics and visual art, and explore the influences at work in each one. Then learn how to apply these concepts to your design process. Learn data visualization classifications, including explanatory, exploratory, and hybrid Discover how three fundamental influences—the designer, the reader, and the data—shape what you create Learn how to describe the specific goal of your visualization and identify the supporting data Decide the spatial position of your visual entities with axes Encode the various dimensions of your data with appropriate visual properties, such as shape and color See visualization best practices and suggestions for encoding various specific data types

If you're an executive, designer, product manager, marketer, or engineer, communication is part of your work. Using images and text in unique ways, comics can engage readers in ways traditional methods can't. In See What I Mean, you'll learn how to create comics about your products and processes without an illustrator—just like Google, eBay, and Adobe do. Practical data design tips from a data visualization expert ofthe modern age Data doesn?t decrease; it is ever-increasing and can beoverwhelming to organize in a way that makes sense to its intendedaudience. Wouldn?t it be wonderful if we could actually visualizedata in such a way that we could maximize its potential and tell astory in a clear, concise manner? Thanks to the creative genius ofNathan Yau, we can. With this full-color book, data visualizationguru and author Nathan Yau uses step-by-step tutorials to show youhow to visualize and tell stories with data. He explains how togather, parse, and format data and then design high qualitygraphics that help you explore and present patterns, outliers, andrelationships. Presents a unique approach to visualizing and telling storieswith data, from a data visualization expert and the creator offlowingdata.com, Nathan Yau Offers step-by-step tutorials and practical design tips forcreating statistical graphics, geographical maps, and informationdesign to find meaning in the numbers Details tools that can be used to visualize data-nativegraphics for the Web, such as ActionScript, Flash libraries, PHP,and JavaScript and tools to design graphics for print, such as Rand Illustrator Contains numerous examples and descriptions of patterns andoutliers and explains how to show them Visualize This demonstrates how to explain data visually so thatyou can present your information in a way that is easy tounderstand and appealing.

Social Strategies with Bottom-line ROI
Saints, Signs, and Symbols
A Laboratory Manual
for Design
Cool Infographics
Infographics For Dummies
The Power of Visual Storytelling

The Graphic Design Handbook will ease your work by providing you lots of structured information and practical advices on the following topics: ? Color Theory ? Color Psychology ? Shape Psychology ? Typography ? Branding ? Logo Design ? Charts with brochure folding options ? and lots of tables with standard dimensions for flyers, brochures, papers, banners etc. The Graphic Design Handbook will: ? save your time by bringing all the important information at your fingertips ? ease your work with lots of practical advices ? increase your productivity ? help you better understand what's in your client's mind and what are their real expectations

We are living in a golden age of data visualization, in which designers are responding to the information overload of our digital era with astonishing feats of visual thinking. Using a wide variety of techniques, they transform complex ideas into clear, engaging, and memorable infographics. In recent years, books and websites have been collecting the field's best. While stimulating, these finished projects offer little insight into how visual solutions were reached, making them of limited use to designers wanting to produce work of their own. In Infographic Designers' Sketchbooks, more than fifty of the world's leading graphic designers and illustrators open up their private sketchbooks to offer a rare glimpse of their creative processes. Emphasizing idea-generating methods—from doodles and drawings to three-dimensional and digital mock-ups—this revelatory collection is the first to go inside designers' studios to reveal the art and craft behind infographic design.

Infographics and data visualization are graphic visual representations of information, data or knowledge intended to present information quickly, easily and clearly to the masses. This title will explore the basic knowledge of infographics and data visualization by explicating its history and the major types used. Fifteen well-selected masters and talents on data visualization will share their work in the book and tell us more about how they meet and handle information and data. It will serve as a great book for information designers and common readers who like visualizing information and analyzing data.

Need to overcome information overload and get your message across? Infographics are your secret weapon. Using them, you can deliver knowledge and ideas visually, so your audiences can understand them quickly – and take action. In The Power of Infographics, Mark Smiciklas helps you understand how to leverage the use of powerful infographics: visual representations capable of transforming complex data or concepts into intuitive, instant knowledge. Writing from a business perspective, Smiciklas reveals how to use infographics both inside and outside the organization: to build brands, make sales, serve clients, align teams behind new strategies, and more. This straightforward, visual, common-sense based book explains: * What infographics are, and why they work so well * How to visualize statistical data, business processes, time, geography, lists, relationships, and concepts * How to communicate the "personal" through infographics * Best practices for observation, processing ideas, creating highly effective infographics, and publishing them * How to plan for and measure the ROI of infographics * And much more...

200 Infographics to Explain the World
Playful Data
The Functional Art
Social IMC
Designing, Developing, and Delivering Data Visualizations
Using Pictures to Communicate and Connect with Your Audiences
Business Dashboards

Make information memorable with creative visual designtechniques Research shows that visual information is more quickly andeasily understood, and much more likely to be remembered. Thisinnovative book presents the

design process and the best softwaretools for creating infographics that communicate. Including aspecial section on how to construct the increasingly popularinfographic resume, the book offers graphic designers, marketers,and business professionals vital information on the most effectiveways to present data. Explains why infographics and data visualizations work Shares the tools and techniques for creating greatinfographics Covers online infographics used for marketing, including socialmedia and search engine optimization (SEO) Shows how to market your skills with a visual, infographicresume Explores the many internal business uses of infographics,including board meeting presentations, annual reports, consumerresearch statistics, marketing strategies, business plans, andvisual explanations of products and services to your customers With Cool Infographics, you'll learn to createinfographics to successfully reach your target audience and tellclear stories with your data.

What's the best book ever written? What would happen if we all stopped eating meat? What's the secret to living past 110? And what actually is the best thing since sliced bread? In An Answer For Everything, 200 of the world's most intriguing questions are settled once and for all through beautiful and brilliant infographics. The results will leave you shocked, informed and thoroughly entertained. Created by the team behind the award-winning Delayed Gratification magazine, these compelling, darkly funny data visualisations will change the way you think about ... everything

After fifteen years in education, as a teacher and school counselor, Dr. Amanda Sterk found her passion in helping students and families through the high school to college process in order to reach their college and career goals. After moving to Florida and trying to navigate through the Florida college and university system as a professional, she understood the frustration and stress that many families feel trying to do the same. Wanting to reach as many families as possible she started the UnMaze.Me website and blog and created College UnMazed Guidebook to minimize the time spent on the college process while maximizing the results!

Focusing on designing the right dashboards for use in an organization, this timely, full color book reveals how to successfully deploy dashboards by building the optimal software architecture and dashboard design. In addition, it describes the value of this popular technology to a business and how it can have a significant impact on performance improvement. A unique collection of more than 120 dashboard images are organized by category. One of the chapters provides a step-by-step description of the key performance indicator (KPIs) design process. One of the appendices contains more than 1,000 examples of KPIs to help design the content of dashboards. The book also describes all the steps in a dashboard implementation and offers related advice. Nils Rasmussen (West Hollywood, CA) is cofounder and Principal of Solver, Inc. Claire Y. Chen (Long Beach, CA) is a Senior Business Intelligence Architect at Solver, Inc. Manish Bansal (Irvine, CA) is Vice President of Sales at Solver, Inc.

Safe Baby Handling Tips
Surrounded by Idiots
Numbersense: How to Use Big Data to Your Advantage
How Charts Lie: Getting Smarter about Visual Information
Graphic Design Handbook
How to Inspire the World with Data
The Four Types of Human Behavior and How to Effectively Communicate with Each in Business (and in Life)

Playful Data features some of the most brilliant illustrative infographic projects from gifted graphic designers, illustrators, artists, and scientists worldwide.

Make information memorable with creative visual design techniques Research shows that visual information is more quickly and easily understood, and much more likely to be remembered. This innovative book presents the design process and the best software tools for creating infographics that communicate. Including a special section on how to construct the increasingly popular infographic resume, the book offers graphic designers, marketers, and business professionals vital information on the most effective ways to present data. Explains why infographics and data visualizations work Shares the tools and techniques for creating great infographics Covers online infographics used for marketing, including social media and search engine optimization (SEO) Shows how to market your skills with a visual, infographic resume Explores the many internal business uses of infographics, including board meeting presentations, annual reports, consumer research statistics, marketing strategies, business plans, and visual explanations of products and services to your customers With Cool Infographics, you'll learn to create infographics to successfully reach your target audience and tell clear stories with your data. There are many books out there on the theories behind the use of social media and mobile applications in marketing—but this is not one of them. Social IMC does not present broad theories; it provides strategies based on proven business models that have produced real-world results. Each strategy has been taught, tested, and developed by the author himself, and all are thoroughly explained in an easy-to-follow format that includes references to exemplary businesses from around the world. By the time you are done reading this book, you will be able to identify which strategy is best to use for each of your company's high-value markets, and you will know what steps you need to take to successfully design, develop, deploy—and maintain—your own business's social and mobile approach. A "how-to" guide for using social and mobile technologies to propel business profit and growth, Social IMC is sure to appeal to business executives and entrepreneurs worldwide, as well as to other types of organizational leaders. The strategies discussed in the text have been proven effective in a wide variety of models, including both for-profit and not-for-profit organizations and companies targeting businesses or consumers on international, national, local, and hyper-local scales.

Year two of this fresh, timely, beautiful addition to the Best American series, introduced by Nate Silver The rise of infographics across virtually all print and electronic media reveals patterns in our lives and worlds in fresh and surprising ways. As we find ourselves in the era of big data, where information moves faster than ever, infographics provide us with quick, often influential bursts of art and knowledge — to digest, tweet, share, go viral. Best American Infographics 2014 captures the finest examples, from the past year, of this mesmerizing new way of seeing and understanding our world. Guest introducer Nate Silver brings his unparalleled expertise and lively analysis to this visually compelling new volume.

College UnMazed Guidebook: Your Guide to the Florida College and University System
The Best American Infographics 2014
Representing Informational Relationships
Data Points
Data Analysis for Business Decisions
Storytelling with Data
Visual Thinking

Don't simply show your data—tell a story with it! Storytelling with Data teaches you the fundamentals of data visualization and how to communicate effectively with data. You'll discover the power of storytelling and the way to make data a pivotal point in your story. The lessons in this illuminative text are grounded in theory, but made accessible through numerous real-world examples—ready for immediate application to your next graph or presentation. Storytelling is not an inherent skill, especially when it comes to data visualization, and the tools at our disposal don't make it any easier. This book demonstrates how to go beyond conventional tools to reach the root of your data, and how to use your data to create an engaging, informative, compelling story. Specifically, you'll learn how to: Understand the importance of context and audience Determine the appropriate type of graph for your situation Recognize and eliminate the clutter clouding your information Direct your audience's attention to the most important parts of your data Think like a designer and utilize concepts of design in data visualization Leverage the power of storytelling to help your message resonate with your audience Together, the lessons in this book will help you turn your data into high impact visual stories that stick with your audience. Rid your world of ineffective graphs, one exploding 3D pie chart at a time. There is a story in your data—Storytelling with Data will give you the skills and power to tell it!

One of the "six best books for data geeks" - Financial Times With over 200 images and extensive how-to and how-not-to examples, this new edition has everything students and scholars need to understand and create effective data visualisations. Combining 'how to think' instruction with a 'how to produce' mentality, this book takes readers step-by-step through analysing, designing, and curating information into useful, impactful tools of communication. With this book and its extensive collection of online support, readers can: - Decide what visualisations work best for their data and their audience using the chart gallery - See data visualisation in action and learn the tools to try it themselves - Follow online checklists, tutorials, and exercises to build skills and confidence - Get advice from the UK's leading data visualisation trainer on everything from getting started to honing the craft. Explore more resources about data visualisation and Andy Kirk.

Visual Thinking brings the science of perception to the art of design. Designers increasingly need to present information in ways that aid their audience's thinking process. Fortunately, results from the relatively new science of human visual perception provide valuable guidance. In this book, Colin Ware takes what we now know about perception, cognition, and attention and transforms it into concrete advice that designers can directly apply. He demonstrates how designs can be considered as tools for cognition – extensions of the viewer's brain in much the same way that a hammer is an extension of the user's hand. The book includes hundreds of examples, many in the form of integrated text and full-color diagrams. Experienced professional designers and students alike will learn how to maximize the power of the information tools they design for the people who use them. Presents visual thinking as a complex process that can be supported in every stage using specific design techniques Provides practical, task-oriented information for designers and software developers charged with design responsibilities Includes hundreds of examples, many in the form of integrated text and full-color diagrams Steeped in the principles of "active vision, which views graphic designs as cognitive tools Saints, Signs, and Symbols, which was first published in 1962, contains in compact form all the main symbols used in the Church, complete with notes on their origin, meaning, and colouring. Of particular interest is the section on the Saints, which includes brief biographical details of each. "This is an indispensable handbook for teaching at all age levels."—Kirkus Review

Communicating Data with Tableau
The Truthful Art
A Handbook for Data Driven Design
Data Visualization For Dummies
A journey of imagination, exploration, and beautiful data visualizations
Data Visualisation
Visual Design of GraphQL Data

No matter what your actual job title, you are—or soon will be—a data worker. Every day, at work, home, and school, we are bombarded with vast amounts of free data collected and shared by everyone and everything from our co-workers to our calorie counters. In this highly anticipated follow-up to The Functional Art—Alberto Cairo's foundational guide to understanding information graphics and visualization—the respected data visualization professor explains in clear terms how to work with data, discover the stories hidden within, and share those stories with the world in the form of charts, maps, and infographics. In The Truthful Art, Cairo transforms elementary principles of data and scientific reasoning into tools that you can use in daily life to interpret data sets and extract stories from them. The Truthful Art explains: • The role infographics and data visualization play in our world • Basic principles of data and scientific reasoning that anyone can master • How to become a better critical thinker • Step-by-step processes that will help you evaluate any data visualization (including your own) • How to create and use effective charts, graphs, and data maps to explain data to any audience The Truthful Art is also packed with inspirational and educational real-world examples of data visualizations from such leading publications as The New York Times, The Wall Street Journal, Estado de São Paulo (Brazil), Berliner Morgenpost (Germany), and many more.

With its laugh-out-loud guidance on baby care, Safe Baby Handling Tips is a must-have for anyone overwhelmed—and befuddled—when it comes to caring for their bundle of joy. Now, it's updated and refreshed to be even more helpful and relevant to the modern parent. Incompetent parents everywhere can benefit from this indispensable guide—complete with The Wheel of Responsibility to help moms and dads negotiate baby responsibilities (and shirk diaper duty!) whenever they can. Makes baby-rearing a blast!

The go-to book for new lawyer success at leading firms and schools. Swimming Lessons for Baby Sharks contains critical advice new graduates need to thrive. Completely revised and updated, the Second Edition includes vital new information on networking, client service, business development, project management, and many other topics. The goal is simple: To help new lawyers start strong. With an easily readable style, Swimming Lessons for Baby Sharks helps new lawyers navigate unwritten rules and stay afloat in a challenging profession. The book contains hundreds of tips with inside information from successful lawyers nationwide. Humorous, real-life examples illustrate the lessons along with checklists to provide comprehensive advice quickly. With employers and clients clamoring for "practice-ready" graduates, the Second Edition's lessons are more essential than ever.

Create stunning infographics with this hands-on guide Infographics For Dummies is a comprehensive guide to creating data visualization with viral appeal. Written by the founder of Infographic World, a New York City based infographic agency, and his top designers, the book focuses on the how-to of data, design, and distribution to create stunning, shareable infographics. Step-by-step instruction allows you to handle data like a pro, while creating eye-catching graphics with programs like Adobe Illustrator and Photoshop. The book walks you through the different types of infographics, explaining why they're so effective, and when they're appropriate. Ninety percent of the information transmitted to your brain is visual, so it's important to tickle the optic nerves to get people excited about your data. Infographics do just that. Much more exciting than a spreadsheet, infographics can add humor, interest, and flash while imparting real information. Putting your data in graphic form makes it more likely to be shared via Twitter, Facebook, Pinterest, and other social media sites, and the visual interest makes it less likely to be ignored. Infographics For Dummies provides a tried-and-true method for creating infographics that tell a story and get people excited. Topics include: Talking to clients about the data Discovering trends, outliers, and patterns Designing with mood boards and wireframes Launching and promoting your infographic The book, written by Justin Beegel, MBA, founder of Infographic World, Inc., describes the elements of a successful infographic, and stresses the must-have ingredients that get your data noticed. Humans are visual creatures, telling stories in a visual way. In today's world filled with data and messaging, an infographic is one of the best ways to get your point across.

Data Fluency
Effective Communication with Data Visualization and Design
See What I Mean
Visual Storytelling with Information and Data
Data Sketches
Designing Data Visualizations
Infographics Designers' Sketchbooks

Transform your marketing efforts through the power of visualcontent In today's fast-paced environment, you must communicate yourmessage in a concise and engaging way that sets it apart from thenoise. Visual content—such as infographics and datavisualization—can accomplish this. With DIY functionality,Infographics: The Power of Visual Storytelling will teachyou how to find stories in your data, and how to visuallycommunicate and share them with your audience for maximumimpact. Infographics will show you the vast potential to usingthe communication medium as a marketing tool by creatinginformative and shareable infographic content. Learn how to explain an object, idea, or process using strongillustration that captures interest and provides instantclarity Discover how to unlock interesting stories (in previouslyburied or boring data) and turn them into visual communicationsthat will help build brands and increase sales Use the power of visual content to communicate with and engageyour audience, capture attention, and expand your market

Get an introduction to the visual design of GraphQL data and concepts, including GraphQL structures, semantics, and schemas in this compact, pragmatic book. In it you will see simple guidelines based on lessons learned from real-life data discovery and unification, as well as useful visualization techniques. These in turn help you improve the quality of your API designs and give you the skills to produce convincing visual communications about the structure of your API designs. Finally, Visual Design of GraphQL Data shows you how to handle GraphQL with legacy data as well as with Neo4j graph databases. Spending time on schema quality means that you will work from sharper definitions, which in turn leads to greater productivity and well-structured applications. What You Will LearnCreate quality GraphQL data designs Avoid structural mistakes Draw highly communicative property graph diagrams of your APIs Who This Book Is For Web developers and data architects who work with GraphQL and other APIs to build modern applications.

In Data Sketches, Nadieh Bremer and Shirley Wu document the deeply creative process behind 24 unique data visualization projects, and they combine this with powerful technical insights which reveal the mindset behind coding creatively. Exploring 12 different themes – from the Olympics to Presidents & Royals and from Movies to Myths & Legends – each pair of visualizations explores different technologies and forms, blurring the boundary between visualization as an exploratory tool and an artform in its own right. This beautiful book provides an intimate, behind-the-scenes account of all 24 projects and shares the authors' personal notes and drafts every step of the way. The book features: Detailed information on data gathering, sketching, and coding data visualizations for the web, with screenshots of works-in-progress and reproductions from the authors' notebooks Never-before-published technical write-ups, with beginner-friendly explanations of core data visualization concepts Practical lessons based on the data and design challenges overcome during each project Full-color pages, showcasing all 24 final data visualizations This book is perfect for anyone interested or working in data visualization and information design, and especially those who want to take their work to the next level and are inspired by unique and compelling data-driven storytelling.

A fresh look at visualization from the author of Visualize This Whether it's statistical charts, geographic maps, or the snappy graphical statistics you see on your favorite news sites, the art of data graphics or visualization is fast becoming a movement of its own. In Data Points: Visualization That Means Something, author Nathan Yau presents an intriguing complement to his bestseller Visualize This, this time focusing on the graphics side of data analysis. Using examples from art, design, business, statistics, cartography, and online media, he explores both standard-and not so standard-concepts and ideas about illustrating data. Shares intriguing ideas from Nathan Yau, author of Visualize This and creator of flowingdata.com, with over 66,000 subscribers Focuses on visualization, data graphics that help viewers see trends and patterns they might not otherwise see in a table Includes examples from the author's own illustrations, as well as from professionals in statistics, art, design, business, computer science, cartography, and more Examines standard rules across all visualization applications, then explores when and where you can break those rules Create visualizations that register at all levels, with Data Points: Visualization That Means Something.

An introduction to information graphics and visualization
Visualize This
Visualization That Means Something
Information is Beautiful
A Visual Catalog for Design and Deployment
Infographics
Graphic Inquiry

This laboratory manual is intended for business analysts who wish to increase their skills in the use of statistical analysis to support business decisions. Most of the case studies use Excel, today's most common analysis tool. They range from the most basic descriptive analytic advanced techniques such as linear regression and forecasting. Advanced projects cover inferential statistics for continuous variables (t-Test) and categorical variables (chi-square), as well as A/B testing. The manual ends with techniques to deal with the analysis of text data an analysis of large data sets (Big Data) using Excel. Includes companion files with solution spreadsheets, sample files, data sets, etc. from the book. Features: Teaches the statistical analysis skills needed to support business decisions Provides projects ranging from the most basic techniques to more advanced techniques such as linear regression, forecasting, inferential statistics, and analyzing big data sets Includes companion files with solution spreadsheets, sample files, data sets, etc. used in the book's case studies

Showcases examples of data visualization from 2012 selected from print and electronic media, offering insight into the present-day convergence of art and knowledge as it influences such areas as politics, culture, economics, and science.

"This full-color book provides a practical approach to incorporating graphic inquiry across the curriculum for school library media specialists, technology coordinators, and classroom teachers. We live in a high-tech, multimedia world, and it's proven that many young people respond communication, yet most of our classroom activities still emphasize print communication. Even inquiry-based approaches to learning often stress writing lists of questions, reading texts, and writing papers. Thepotential of graphic inquiry in teaching and learning warrants explora graphic. And it is the first of its kind. Designed to bridge theory and actual practice, Graphic Inquiry has applications for new and practicing educators and librarians. This visually rich book provides numerous, standards-based inquiry activities and projects that incorporate traditi as emerging social and collaborative technologies"--

Cool InfographicsEffective Communication with Data Visualization and DesignJohn Wiley & Sons