

## An Introduction To Bootstrap Wwaf1

*A reprint of the Prentice-Hall edition of 1992. Prepared by nine distinguished philosophers and historians of science, this thoughtful reader represents a cooperative effort to provide an introduction to the philosophy of science focused on cultivating an understanding of both the workings of science and its historical and social context. Selections range from discussions of topics in general methodology to a sampling of foundational problems in various physical, biological, behavioral, and social sciences. Each chapter contains a list of suggested readings and study questions.*

*Process-based analysis: Practical Binary Analysis is the first book of its kind to present advanced binary analysis topics, such as binary instrumentation, dynamic taint analysis, and symbolic execution, in an accessible way. As malware increasingly obfuscates itself and applies anti-analysis techniques to thwart our analysis, we need more sophisticated methods that allow us to raise that dark curtain designed to keep us out—binary analysis can help. The goal of all binary analysis is to determine (and possibly modify) the true properties of binary programs to understand what they really do, rather than what we think they should do. While reverse engineering and disassembly are critical first steps in many forms of binary analysis, there is much more to be learned. This hands-on guide teaches you how to tackle the fascinating but challenging topics of binary analysis and instrumentation and helps you become proficient in an area typically only mastered by a small group of expert hackers. It will take you from basic concepts to state-of-the-art methods as you dig into topics like code injection, disassembly, dynamic taint analysis, and binary instrumentation. Written for security engineers, hackers, and those with a basic working knowledge of C/C++ and x86-64, Practical Binary Analysis will teach you in-depth how binary programs work and help you acquire the tools and techniques needed to gain more control and insight into binary programs. Once you've completed an introduction to basic binary formats, you'll learn how to analyze binaries using techniques like the GNU/Linux binary analysis toolchain, disassembly, and code injection. You'll then go on to implement profiling tools with Pin and learn how to build your own dynamic taint analysis tools with libdtd and symbolic execution tools using Triton. You'll learn how to: - Parse ELF and PE binaries and build a binary loader with libbfd - Use data-flow analysis techniques like program tracing, slicing, and reaching definitions analysis to reason about runtime flow of your programs - Modify ELF binaries with techniques like parasitic code injection and hex editing - Build custom disassembly tools with Capstone - Use binary instrumentation to circumvent anti-analysis tricks commonly used by malware - Apply taint analysis to detect control hijacking and data leak attacks - Use symbolic execution to build automatic exploitation tools With exercises at the end of each chapter to help solidify your skills, you'll go from understanding basic assembly to performing some of the most sophisticated binary analysis*

*Illustrate the application of sensor technologies in a practical and experiential manner. The book guides the reader from the formulation of the research question, through the design and validation process, to the deployment and management phase of sensor applications. The processes and examples used in the book are primarily based on research carried out by Intel or joint academic research programs. "Sensor Technologies: Healthcare, Wellness and Environmental Applications explores the key aspects of sensor technologies, covering wired, wireless, and discrete sensors for the specific application domains of healthcare, wellness and environmental sensing. It discusses the social, regulatory, and design considerations specific to these domains. The book provides an application-based approach using real-world examples to illustrate the application of sensor technologies in a practical and experiential manner. The book guides the reader from the formulation of the research question, through the design and validation process, to the deployment and management phase of sensor applications. The processes and examples used in the book are primarily based on research carried out by Intel or joint academic research programs. "Sensor Technologies: Healthcare, Wellness and Environmental Applications provides an extensive overview of sensing technologies and their applications in healthcare, wellness, and environmental monitoring. From sensor hardware to system applications and case studies, this book gives readers an in-depth understanding of the technologies and how they can be applied. I would highly recommend it to students or researchers who are interested in wireless sensing technologies and the associated applications." Dr. Benny Lo Lecturer, The Hamlyn Centre, Imperial College of London "This timely addition to the literature on sensors covers the broad complexity of sensing, sensor types, and the vast range of existing and emerging applications in a very clearly written and accessible manner. It is particularly good at capturing the exciting possibilities that will occur as sensor networks merge with cloud-based big data analytics to provide a host of new applications that will impact directly on the individual in ways we cannot fully predict at present. It really brings this home through the use of carefully chosen case studies that bring the overwhelming concept of 'big data' down to the personal level of individual life and health." Dermot Diamond Director, National Centre for Sensor Research, Principal Investigator, CLARITY Centre for Sensor Web Technologies, Dublin City University "Sensor Technologies: Healthcare, Wellness and Environmental Applications takes the reader on an end-to-end journey of sensor technologies, covering the fundamentals from an engineering perspective, introducing how the data gleaned can be both processed and visualized, in addition to offering exemplar case studies in a number of application domains. It is a must-read for those studying any undergraduate course that involves sensor technologies. It also provides a thorough foundation for those involved in the research and development of applied sensor systems. I highly recommend it to any engineer who wishes to broaden their knowledge in this area!" Chris Nugent Professor of Biomedical Engineering, University of Ulster*

*Freshwater field tests are an integral part of the process of hazard assessment of pesticides and other chemicals in the environment. This book brings together international experts on microcosms and mesocosms for a critical appraisal of theory and practice on the subject of freshwater field tests for hazard assessment. It is an authoritative and comprehensive summary of knowledge about freshwater field tests, with particular emphasis on their optimization for scientific and regulatory purposes. This valuable reference covers both lotic and lentic outdoor systems and addresses the choice of endpoints and test methodology. Instructive case histories show how to extrapolate test results to the real world.*

*Implementation and Theory with Applications in R*  
*Reversible Computation: Extending Horizons of Computing*  
*Genesis, Analysis, and Paleobiological Significance*  
*Occasional Papers*  
*Magento 2 Theme Design*

American Identities is a dazzling array of primary documents and critical essays culled from American history, literature, memoir, and popular culture that explore major currents and trends in American history from 1945 to the present. Charts the rich multiplicity of American identities through the different lenses of race, class, and gender, and shaped by common historical social processes such as slavery, immigration, and the civil rights movement. Includes editorial introductions for the volume and for each reading, and study questions for each selection. Enables students to engage in the history-making process while developing the skills crucial to interpreting rich and enduring cultural texts. Accompanied by an instructor's guide containing reading, viewing, and listening exercises, interview questions, bibliographic time-lines, and sample excerpts of students' family histories for course use.

Learn How to Program Stochastic Models Highly recommended, the best-selling first edition of Introduction to Scientific Programming and Simulation Using R was lauded as an excellent, easy-to-read introduction with extensive examples and exercises. This second edition continues to introduce scientific programming and stochastic modelling in a clear, The vertebrate fossil record extends back more than 500 million years, and bonebeds—localized concentrations of the skeletal remains of vertebrate animals—help unlock the secrets of this long history. Often spectacularly preserved, bonebeds—both modern and ancient—can reveal more about life histories, ecological associations, and preservation patterns than any single skeleton or bone. For this reason, bonebeds are frequently studied by paleobiologists, geologists, and archeologists seeking to piece together the vertebrate record. Thirteen respected researchers combine their experiences in Bonebeds, providing readers with workable definitions, theoretical frameworks, and a compendium of modern techniques in bonebed data collection and analysis. By addressing the historical, theoretical, and practical aspects of bonebed research, this edited volume—the first of its kind—provides the background and methods that students and professionals need to explore and understand these fantastic records of ancient life and death.

*Healthcare, Wellness and Environmental Applications*  
*Sensor Technologies*  
*Data Analysis Methods in Physical Oceanography*  
*A Success Story*  
*Economy, Housing and Public Health in U.S.-Mexico Border Colonias*  
*A Reader*

Can a system be considered truly reliable if it isn't fundamentally secure? Or can it be considered secure if it's unreliable? Security is crucial to the design and operation of scalable systems in production, as it plays an important part in product quality, performance, and availability. In this book, experts from Google share best practices to help your organization design scalable and reliable systems that are fundamentally secure. Two previous O'Reilly books from Google—Site Reliability Engineering and The Site Reliability Workbook—demonstrated how and why a commitment to the entire service lifecycle enables organizations to successfully build, deploy, monitor, and maintain software systems. In this latest guide, the authors offer insights into system design, implementation, and maintenance from practitioners who specialize in security and reliability. They also discuss how building and adopting their recommended best practices requires a culture that's supportive of such change. You'll learn about secure and reliable systems through: Design strategies Recommendations for coding, testing, and debugging practices Strategies to prepare for, respond to, and recover from incidents Cultural best practices that help teams across your organization collaborate effectively

By their very nature, mining operations generate significantly more waste than ore. For a large-scale mine, this can translate into several hundred million tons of waste rock and tailings that must stored and eventually reclaimed. Waste storage on this scale requires vast land mass and significant expense for site reclamation once the mine is closed. For some mining operations located near a marine coast, underwater tailing placement can be an attractive alternative to land-based impoundment. Under the right conditions, deep sea tailing placement can be less costly and more environmentally friendly. Underwater Tailing Placement at Island Copper Mine: A Success Story documents an important case study on the use of deep sea tailing placement at the Island Copper Mine on Canada's Vancouver Island. It's the most extensive study on underwater tailing placement ever conducted. Over the course of 30 years, more than 400 million tons of tailing solids were deposited deep on the ocean floor with little environmental impact. The study examined all aspects of this innovative program, beginning with its initial implementation in 1971 to five years after the mine's closure. Given particular tailing and marine conditions, deep sea tailing placement can offer significant benefits. Tailing solids, once deposited on the ocean floor, are generally stable and have little or no impact on marine life. Because waste disposal occurs well below the ocean surface, aesthetics are never an issue. Underwater tailing disposal significantly reduces land use requirements for a mining operation. In addition, recent improvements in pipeline transport technology have made it feasible and cost-effective to implement underwater tailing placement for an inland mine up to 125 miles (200 km) from the shore. The study evaluated the relevant issues associated with the implementation of a deep sea tailing placement program, including engineering, chemical, biological, and environmental considerations. This text presents the successes and lessons learned from the largest program of its kind. It's an invaluable resource for mine operators who are considering the applicability of this cost-saving, ecologically sensitive alternative for mine tailing disposal.

The past decades have transformed the world of statistical data analysis, with new methods, new types of data, and new computational tools. The aim of Modern Statistics with R is to introduce you to key parts of the modern statistical toolkit. It teaches you: - Data wrangling - importing, formatting, reshaping, merging, and filtering data in R - Exploratory data analysis - using visualisation and multivariate techniques to explore datasets. - Statistical inference - modern methods for testing hypotheses and computing confidence intervals. - Predictive modelling - regression models and machine learning methods for prediction, classification, and forecasting. - Simulation - using simulation techniques for sample size computations and evaluations of statistical methods. - Ethics in statistics - ethical issues and good statistical practice. - R programming - writing code that is fast, readable, and free from bugs. Starting from the very basics, Modern Statistics with R helps you learn R by working with R. Topics covered range from plotting data and writing simple R code to using cross-validation for evaluating complex predictive models and using simulation for sample size determination. The book includes more than 200 exercises with fully worked solutions. Some familiarity with basic statistical concepts, such as linear regression, is assumed. No previous programming experience is needed.

The Wiley-Interscience Paperback Series consists of selected books that have been made more accessible to consumers in an effort to increase global appeal and general circulation. With these new unabridged softcover volumes, Wiley hopes to extend the lives of these works by making them available to future generations of statisticians, mathematicians, and scientists. "... the wealth of material on statistics concerning the multivariate normal distribution is quite excellent. As such it is a very useful source of information for the general statistician and a must for anyone wanting to penetrate deeper into the multivariate field." -Mededelingen van het Wiskundig Genootschap "This book is a comprehensive and clearly written text on multivariate analysis from a theoretical point of view." -The Statistician Aspects of Multivariate Statistical Theory presents a classical mathematical treatment of the techniques, distributions, and inferences based on multivariate normal distribution. Noncentral distribution theory, decision theoretic estimation of the parameters of a multivariate normal distribution, and the uses of spherical and elliptical distributions in multivariate analysis are introduced. Advances in multivariate analysis are discussed, including decision theory and robustness. The book also includes tables of percentage points of many of the standard likelihood statistics used in multivariate statistical procedures. This definitive resource provides in-depth discussion of the multivariate field and serves admirably as both a textbook and reference.

*Freshwater Field Tests for Hazard Assessment of Chemicals*  
*Rails, Angular, Postgres, and Bootstrap: Powerful, Effective, and Efficient Full-Stack Web Development*

*Occasional Papers - The Museum, Texas Tech University*  
*Underwater Tailing Placement at Island Copper Mine*  
*An Introduction to Multivariate Statistical Analysis*

*Selected Results of the COST Action IC1405*  
*The One Best System presents a major new interpretation of what actually happened in the development of one of America's most influential institutions. At the same time it is a narrative in which the participants themselves speak out: farm children and factory workers, frontier teachers and city superintendents, black parents and elite reformers. And it encompasses both the achievements and the failures of the system: the successful assimilation of immigrants, racism and class bias; the opportunities offered to some, the injustices perpetuated for others. David Tyack has placed his colorful, wide-ranging view of history within a broad new framework drawn from the most recent work in history, sociology, and political science. He looks at the politics and inertia, the ideologies and power struggles that formed the basis of our present educational system. Using a variety of social perspectives and methods of analysis, Tyack illuminates for all readers the change from village to urban ways of thinking and acting over the course of more than one hundred years.*

*Linux Kernel Networking takes you on a guided in-depth tour of the current Linux networking implementation and the theory behind it. Linux kernel networking is a complex topic, so the book won't burden you with topics not directly related to networking. This book will also not overload you with cumbersome line-by-line code walkthroughs not directly related to what you're searching for; you'll find just what you need, with in-depth explanations in each chapter and a quick reference at the end of each chapter. Linux Kernel Networking is the only up-to-date reference guide to understanding how networking is implemented, and it will be indispensable in years to come since so many devices now use Linux or operating systems based on Linux, like Android, and since Linux is so prevalent in the data center arena, including Linux-based virtualization technologies like Xen and KVM.*

*The One Best System presents a major new interpretation of what actually happened in the development of one of America's most influential institutions. At the same time it is a narrative in which the participants themselves speak out: farm children and factory workers, frontier teachers and city superintendents, black parents and elite reformers. And it encompasses both the achievements and the failures of the system: the successful assimilation of immigrants, racism and class bias; the opportunities offered to some, the injustices perpetuated for others. David Tyack has placed his colorful, wide-ranging view of history within a broad new framework drawn from the most recent work in history, sociology, and political science. He looks at the politics and inertia, the ideologies and power struggles that formed the basis of our present educational system. Using a variety of social perspectives and methods of analysis, Tyack illuminates for all readers the change from village to urban ways of thinking and acting over the course of more than one hundred years.*

*Small-Signal Audio Design is an essential for audio equipment designers and engineers for one simple reason; it enables you as a professional to develop reliable, high-performance circuits. This practical handbook not only teaches you the basic fundamentals but shows you how to apply opamps and discrete transistors in the preamplifier and signal-processing areas of audio and other low-frequency areas. It provides you with the necessary in-depth information, with presentations on the technologies that power the professional hi-fi preamplifier, audio mixers, electronic crossovers, among others. Full of valuable information it includes exceptional audio mixer material, based on the authors 19 year design experience, revealing a lot of specialized information that has never been published before. Get answers to your most critical questions, insight into development techniques, and best-practices on optimizing features that will define your product's success.*

*Collective Action for Social Change*

*Nonlinear Regression*  
*An Introduction to Community Organizing*

*Negotiation Analysis*  
*Rings, Modules, and Algebras in Stable Homotopy Theory*  
*The Culture of Education*

An Introduction to Statistical Learning provides an accessible overview of the field of statistical learning, an essential toolset for making sense of the vast and complex data sets that have emerged in fields ranging from biology to finance to marketing to astrophysics in the past twenty years. This book presents some of the most important modeling and prediction techniques, along with relevant applications. Topics include linear regression, classification, resampling methods, shrinkage approaches, tree-based methods, support vector machines, clustering, and more. Color graphics and real-world examples are used to illustrate the methods presented. Since the goal of this textbook is to facilitate the use of these statistical learning techniques by practitioners in science, industry, and other fields, each chapter contains a tutorial on implementing the analyses and methods presented in R, an extremely popular open source statistical software platform. Two of the authors co-wrote The Elements of Statistical Learning (Hastie, Tibshirani and Friedman, 2nd edition 2009), a popular reference book for statistics and machine learning researchers. An Introduction to Statistical Learning covers many of the same topics, but at a level accessible to a much broader audience. This book is targeted at statisticians and non-statisticians alike who wish to use cutting-edge statistical learning techniques to analyze their data. The text assumes only a previous course in linear regression and no knowledge of matrix algebra.

*Data Analysis Methods in Physical Oceanography is a practical reference guide to established and modern data analysis techniques in earth and ocean sciences. This second and revised edition is even more comprehensive with numerous updates, and an additional appendix on "Convolution and Fourier Transforms". Intended for both students and established scientists, the five major chapters of the book cover data acquisition and recording, data processing and presentation, statistical methods and error handling, analysis of spatial data fields, and time series analysis methods. Chapter 5 on time series analysis is a book in itself, spanning a wide diversity of topics from stochastic processes and stationarity, coherence functions, Fourier analysis, tidal harmonic analysis, spectral and cross-spectral analysis, wavelet and other related methods for processing nonstationary data series, digital filters, and fractals. The seven appendices include unit conversions, approximation methods and nondimensional numbers used in geophysical fluid dynamics, presentations on convolution, statistical terminology, and distribution functions, and a number of important statistical tables. Twenty pages are devoted to references. Featuring: - An in-depth presentation of modern techniques for the analysis of temporal and spatial data sets collected in oceanography, geophysics, and other disciplines in earth and ocean sciences. - A detailed overview of oceanographic instrumentation and sensors - old and new - used to collect oceanographic data. - 7 appendices especially applicable to earth and ocean sciences ranging from conversion of units, through statistical tables, to terminology and non-dimensional parameters. In praise of the first edition: "...This is a very practical guide to the various statistical analysis methods used for obtaining information from geophysical data, with particular reference to oceanography... The book provides both a text for advanced students of the geophysical sciences and a useful reference volume for researchers." Aslib Book Guide Vol 63, No. 9, 1998 "...This is an excellent book that I recommend highly and will definitely use for my own research and teaching." EOS Transactions, D.A. Jay, 1999 "...In summary, this book is the most comprehensive and practical source of information on data analysis methods available to the physical oceanographer. The reader gets the benefit of extremely broad coverage and an excellent set of examples drawn from geographical observations." Oceanography, Vol. 12, No. 3, A. Plueddemann, 1999 "...Data Analysis Methods in Physical Oceanography is highly recommended for a wide range of readers, from the relative novice to the experienced researcher. It would be appropriate for academic and special libraries." E-Streams, Vol. 2, No. 8, P. Mofjelt, August 1999*

Introduction to Business covers the scope and sequence of most introductory business courses. The book provides detailed explanations in the context of core themes such as customer satisfaction, ethics, entrepreneurship, global business, and managing change. Introduction to Business includes hundreds of current business examples from a range of industries and geographic locations, which feature a variety of individuals. The outcome is a balanced approach to the theory and application of business concepts, with attention to the knowledge and skills necessary for student success in this course and beyond.

This mastery book substantially extends Howard Raiffa's earlier classic, The Art and Science of Negotiation. It does so by incorporating three additional supporting strands of inquiry: individual decision analysis, judgmental decision making, and game theory. Each strand is introduced and used in analyzing negotiations. The book starts by considering how analytically minded parties can generate joint gains and distribute them equitably by negotiating with full, open, truthful exchanges. The book then examines models that disengage support by step from that ideal. It also shows how a neutral outsider (intervenor) can help all negotiators by providing joint, neutral analysis of their problem. Although analytical in its approach—building from simple hypothetical examples—the book can be understood by those with only a high school background in mathematics. It therefore will have a broad relevance for both the theory and practice of negotiation analysis as it is applied to disputes that range from those between family members, business partners, and business competitors to those involving labor and management, environmentalists and developers, and nations.

*Best Practices in Exploratory Factor Analysis*

*The Science and Art of Collaborative Decision Making*  
*An Introduction to Statistical Learning*  
*Randomization, Bootstrap and Monte Carlo Methods in Biology*

*The EVA Challenge*  
*Building Secure and Reliable Systems*

The perimeter defenses guarding your network perhaps are not as secure as you think. Hosts behind the firewall have no defenses of their own, so when a host in the "trusted" zone is breached, access to your data center is not far behind. That's an all-too-familiar scenario today. With this practical book, you'll learn the principles behind zero trust architecture, along with details necessary to implement it. This book introduces a new paradigm for network security, and considers the entire network to be compromised and hostile. By taking this approach, you'll focus on building strong authentication, authorization, and encryption throughout, while providing compartmentalized access and better operational agility. Understand how perimeter-based defenses have evolved to become the broken model we use today to trust in production networks on the client side (Google) and on the server side (PagerDuty) get example configuration for open source tools that you can use to build a zero trust network Learn how to migrate from a perimeter-based network to a zero trust network in production

The Young Lords, who originated as a Chicago street gang fighting gentrification and unfair evictions in Puerto Rican neighborhoods, burgeoned into a national political movement in the late 1960s and early 1970s, with headquarters in New York City and other centers in Philadelphia, Boston, Los Angeles, and elsewhere in the northeast and southern California. Part of the original Rainbow Coalition, Young Patriots, the politically radical Puerto Ricans who constituted the Young Lords instituted programs for political, social, and cultural change within the communities in which they operated. The Young Lords offers readers the opportunity to learn about this vibrant organization through their own words and images, collecting an array of their essays, Journalism, photographs, speeches, and poems thematically, this volume highlights the Young Lords' diverse and inventive activism around issues such as education, health care, gentrification, police injustice and gender equality, as well as self-determination for Puerto Rico. In recovering these rare written and visual materials, Darrel Enck-Wanzer has given voice to the lost chorus of the Young Lords, while providing an indispensable resource and others interested in learning about this influential grassroots "street political" organization.

Chronicles the birth pangs of a typically anarcho-syndicalist movement of the early Latin American genre and its subsequent metamorphosis into a domesticated West Indian version of North American-style business unionism.  
*Data Analysis Methods in Physical Oceanography provides a comprehensive and practical compilation of the essential information and analysis techniques required for the advanced processing and interpretation of digital spatiotemporal data in physical oceanography as well in other branches of the geophysical sciences. This book assumes a fundamental understanding of calculus and is directed at engineers in industry, government and universities, including graduate and advanced undergraduate students. Spanning five chapters and numerous appendices, the book provides a valuable compendium of the fundamental data processing tools required by the marine scientist.*

*An Introductory Textbook*  
*Bonebeds*  
*Introduction to the Philosophy of Science*

*Introduction to Scientific Programming and Simulation Using R*  
*Best Practices for Designing, Implementing, and Maintaining Systems*  
*Preservation and Social Inclusion*

*WILEY-INTERSCIENCE PAPERBACK SERIES* The Wiley-Interscience Paperback Series consists of selected books that have been made more accessible to consumers in an effort to increase global appeal and general circulation. With these new unabridged softcover volumes, Wiley hopes to extend the lives of these works by making them available to future generations of statisticians, mathematicians, and scientists. From the Reviews of Nonlinear Regression "A very good book and an important one in that it is likely to become a standard reference for all interested in nonlinear regression; and I would imagine that any statistician concerned with nonlinear regression would want a copy on his shelves." - The Statistician "Nonlinear Regression also includes a reference list of over 700 entries. The compilation of this material and cross-referencing of it is one of the most valuable aspects of the book. Nonlinear Regression can provide the researcher unfamiliar with a particular specialty area of nonlinear regression an introduction to that area of nonlinear regression and access to the appropriate references. . . . Nonlinear Regression provides by far the broadest discussion of nonlinear regression models currently available and will be a valuable addition to the library of anyone interested in understanding and using such models including the statistical researcher." - Mathematical Reviews

*Best Practices in Exploratory Factor Analysis (EFA) is a practitioner-oriented statistical technique. We avoid formulas and matrix algebra, instead focusing on evidence-based best practices so you can focus on getting the most from your data. Each chapter reviews important concepts, uses real-world data to provide authentic examples of analyses, and provides guidance for interpreting the results of these analyses. Not only does this book clarify often-confusing issues like various extraction techniques, what rotation is really rotating, and how to use parallel analysis and MAP criteria to decide how many factors you have, but it also introduces replication statistics and bootstrap analysis so that you can better understand how precisely your data are helping you estimate population parameters. Bootstrap analysis also informs readers of your work as to the likelihood of replication, which can give you more credibility. At the end of each chapter, the author has recommendations as to how to enhance your mastery of the material, including access to the data sets used in the chapter through his web site. Other resources include syntax and macros for easily incorporating these progressive aspects of exploratory factor analysis into your practice. The web site will also include enrichment activities, answer keys to select exercises, and other resources. The fourth "best practices" book by the author, Best Practices in Exploratory Factor Analysis continues the tradition of clearly-written, accessible guides for those just learning quantitative methods or for those who have been researching for decades. NEW in August 2014! Chapters on factor scores, higher-order factor analysis, and reliability. Chapters: 1 INTRODUCTION TO EXPLORATORY FACTOR ANALYSIS 2 EXTRACTION AND ROTATION 3 SAMPLE SIZE MATTERS 4*

*REPLICATION STATISTICS IN EFA 5 BOOTSTRAP APPLICATIONS IN EFA 6 DATA CLEANING AND EFA 7 ARE FACTOR SCORES A GOOD IDEA? 8 HIGHER ORDER FACTORS 9 AFTER THE EFA: INTERNAL CONSISTENCY 10 SUMMARY AND CONCLUSIONS*  
*Building Secure Systems in Untrusted Networks*  
*Build Your Own Linux Tools for Binary Instrumentation, Analysis, and Disassembly*  
*Taft-Hartley Act Revisions*

*Introduction to Business*  
*The Young Lords*

The field of historic preservation is becoming more socially and culturally inclusive, through more diversity in the profession and enhanced community engagement. Bringing together a broad range of practitioners, this book documents historic preservation's progress toward inclusivity and explores further steps to be taken.

As a Rails developer, you care about user experience and performance, but you also want simple and maintainable code. Achieve all that by embracing the full stack of web development, from styling with Bootstrap, building an interactive user interface with AngularJS, to storing data quickly and reliably in PostgreSQL. Take a holistic view of high-performing applications, and learn to use these technologies effectively in a Ruby on Rails environment. Rails is a great tool for building web applications, but it's not the best at everything. Embrace the features built into your database. Learn how to use front-end frameworks. Seize the power of the application stack through AngularJS. Together, these powerful and easy-to-use tools will open you to a new world of possibilities. In each chapter of this book, you'll learn how these technologies can work together inside a Rails app to deliver well-performing applications that offer great user experiences. Create a usable and attractive login form using Bootstrap's styles, while secure, using Postgres' check constraints. You'll see how creating an advanced Postgres index for a case-insensitive search can speed up your back-end—allowing you to create a highly dynamic user experience using AngularJS. You'll create complex interfaces using Bootstrap's grid, together with Angular's form support, backed by a material design-inspired look. You'll get your front-end working with the Asset Pipeline, use Postgres' features on migrations, and write unit tests for all of it. All of this within Rails. You'll gain the confidence to work at every level of the application stack, bringing the right solution to every problem. What You Need: You'll need the latest version of Ruby on Rails and a Mac OS X or Linux machine.

concepts. You'll learn how to install Postgres on your computer or use a free version of it in the cloud. You should have a cursory understanding of JavaScript, CSS, and SQL, but by no means need to be an expert. You should install Postgres 9.4, Rails 4.2, and Ruby 2.2. Community organizers build solidarity and collective power in their local communities. They help ordinary people turn their private pain into public action, releasing hidden capacities for leadership and strategy. In Collective Action for Social Change, Aaron Schutz and Marie G. Sandy draw on their extensive experience participating in community organizing to help you do the same.

Create stunning and responsive Magento 2 themes for your business! About This Book Realize the full potential of theme design in Magento 2 Design attractive themes for your e-commerce store to make them stand out amongst the crowd Practical skills and examples ensure you can take what you've learnt to your own projects - limited by nothing! Is For This book is for web designers and developers with existing knowledge of CSS, HTML, and XML who wish to create themes for Magento 2. Existing Magento 1.x theme designers who now want to develop themes for Magento 2 will also find this book useful. What You Will Learn Implement a local development Magento environment theme structure Edit an existing Magento theme to satisfy your business needs Create print strategies for the Magento 2.0 theme Generate specific blocks to improve the Magento 2.0 theme Explore specific Magento programming methods to improve the Magento 2.0 theme Customize the Magento 2.0 admin panel to create a new Mag Magento 2.0 and integrate Magento 2.0 with social bookmarking In Detail Magento is the e-commerce software and platform trusted by the world's leading brands. Using Magento's powerful theming engine, you can control the look, content, and functionality, and easily launch a flexible e-commerce website. However, because of its power, it's not as easy as it sounds. This book aims to leverage the enhancements to theme designing in Magento 2 to the fullest. It will show you how to gear up the performance of your e-commerce website. We begin by introducing Magento 2 and its features along with implementing a local development Magento environment. We then move on to structure such as templates, inheritance, customization, and override. Further on, we explore the Magento UI Library, which is a new feature available in Magento 2.0. We will create a new website 2.0 theme named MyCake Store using Magento Bootstrap from Maven E-commerce and also create print strategies for the Magento 2.0 theme. We will also create a new theme proposal for the Magento admin panel. At the end, we will integrate Magento 2.0 to Twitter and integrate it with social bookmarking and finally deploy our new Magento 2.0 theme. Style and approach This is a step-by-step guide to customizing the look and feel of your online store by creating stunning and responsive themes from scratch.

*The Organized Labor Movement in Puerto Rico*

*Modern Statistics with R*  
*Linux Kernel Networking*

*Zero Trust Networks*  
*The Colonias Reader*

*From wrangling and exploring data to inference and predictive modelling*