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Introducing Statistics

Icon Books **From the medicine we take, the cars we drive, the clothes we wear to even the beer we drink, statistics give shape to everything we do. 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, this brand-new Introducing title will be of interest to anyone perplexed by the jungle of numbers in which we all live.**

Evaluation Guide: Introduction to MicroStrategy 10

MicroStrategy, Inc.

Statistics

An Introduction using R

John Wiley & Sons **Computer software is an essential tool for many statistical modelling and data analysis techniques, aiding in the implementation of large data sets in order to obtain useful results. R is one of the most powerful and flexible statistical software packages available, and enables the user to apply a wide variety of statistical methods ranging from simple regression to generalized linear modelling. Statistics: An Introduction using R is a clear and concise introductory textbook to statistical analysis using this powerful and free software, and follows on from the success of the author's previous best-selling title Statistical Computing. * Features step-by-step instructions that assume no mathematics, statistics or programming background, helping the non-statistician to fully understand the methodology. * Uses a series of realistic examples, developing step-wise from the simplest cases, with the emphasis on checking the assumptions (e.g. constancy of variance and normality of errors) and the adequacy of the model chosen to fit the data. * The emphasis throughout is on estimation of effect sizes and confidence intervals, rather than on hypothesis testing. * Covers the full range of statistical techniques likely to be need to analyse the data from research projects, including elementary material like t-tests and chi-squared tests, intermediate methods like regression and analysis of variance, and more advanced techniques like generalized linear modelling. * Includes numerous worked examples and exercises within each chapter. * Accompanied by a website featuring worked examples, data sets, exercises and solutions: http://www.imperial.ac.uk/bio/research/crawley/statistics Statistics: An Introduction using R is the first text to offer such a concise introduction to a broad array of statistical methods, at a level that is elementary enough to appeal to a broad range of disciplines. It is primarily aimed at undergraduate students in medicine, engineering, economics and biology - but will also appeal to postgraduates who have not previously covered this area, or wish to switch to using R.**

The Graphic Designer's Digital Toolkit: A Project-Based Introduction to Adobe Photoshop CS6, Illustrator CS6 & InDesign CS6

Cengage Learning **THE GRAPHIC DESIGNER'S DIGITAL TOOLKIT, 6th Edition not only introduces readers to the essential features of industry-standard software applications, but also gives them an understanding of how to integrate these programs into a seamless whole. Using a highly visual and project-based approach, this fully revised new edition examines Macintosh OS X Lion and Windows 7 operating systems, as well the "Big 3" digital design programs used in the graphics industry today: Adobe Illustrator CS6, Adobe Photoshop CS6, and Adobe InDesign CS6. After thoroughly examining the features of each application from the designer's perspective, the author then reveals in practical detail the traditional skills and technology necessary for effective design for print and Web media. Using online project files, readers are encouraged to practice what they have learned by tackling design projects throughout the text from concept to completion. Effectively merging theory with practice, THE GRAPHIC DESIGNER'S DIGITAL TOOLKIT, 6th Edition stresses the critical importance of integration in design while meeting design parameters and client expectations. For access to the online project files please refer to the directions in the preface of the book. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.**

The Graphic Designer's Digital Toolkit: A Project-Based Introduction to Adobe Photoshop Creative Cloud, Illustrator Creative Cloud & InDesign Creative Cloud

Cengage Learning **THE GRAPHIC DESIGNER'S DIGITAL TOOLKIT, 7th Edition not only introduces students to the essential features of industry-standard software applications, but also gives them an understanding of how to integrate these programs into a seamless whole. Using a highly visual and project-based approach, this fully revised new edition examines Macintosh OS X Maverick, Windows 7 and Windows 8 operating systems, as well the most up to date Creative Cloud features of the "Big 3" digital design programs used in the graphics industry today: Adobe Illustrator, Adobe Photoshop, and Adobe InDesign . After thoroughly examining the features of each application from the designer's perspective, the author then reveals in practical detail the traditional skills and technology necessary for effective design for print and Web media. Using online project files, students are encouraged to practice what they have learned by tackling design projects throughout the text from concept to completion. Effectively merging theory with practice, THE GRAPHIC DESIGNER'S DIGITAL TOOLKIT, 7th Edition stresses the critical importance of integration in design while meeting design parameters and client expectations. Contact your Learning Consultant to learn more about how CourseMate can enhance the way you teach and your students learn. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.**

Digital Imaging and Communications in Medicine (DICOM)

A Practical Introduction and Survival Guide

Springer Science & Business Media **This is the first Digital Imaging and Communications in Medicine (DICOM) book to introduce this complex imaging standard from a very practical point of view. It prepares the reader for any DICOM project and demonstrates how to take full advantage of this tool.**

Introduction to Data Analysis and Graphical Presentation in Biostatistics with R

Statistics in the Large

Springer Science & Business Media **Through real-world datasets, this book shows the reader how to work with material in biostatistics using the open source software R. These include tools that are critical to dealing with missing data, which is a pressing scientific issue for those engaged in biostatistics. Readers will be equipped to run analyses and make graphical presentations based on the sample dataset and their own data. The hands-on approach will benefit students and ensure the accessibility of this book for readers with a basic understanding of R. Topics include: an introduction to Biostatistics and R, data exploration, descriptive statistics and measures of central tendency, t-Test for independent samples, t-Test for matched pairs, ANOVA, correlation and linear regression, and advice for future work.**

An Introduction to Programming with IDL

Interactive Data Language

Academic Press **Interactive Data Language (IDL) is a complete data analysis and visualization environment that is used in a wide range of science and engineering disciplines for processing and analyzing numerical and image data. It is often used in advanced science/technical courses. Professor Ken Bowman originally developed this text for the laboratory portion of an undergraduate course on Physical Climatology, but his emphasis on fundamental concepts and practical topics helps students write programs for other classes or for their research. This primer is aimed at beginning programmers, not experienced C or Fortran programmers who are new to IDL. *Lucid writing style *End-of-chapter summaries *End-**

of-chapter exercises

An Introduction to Statistical Learning with Applications in R

Springer Science & Business Media 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.

Introduction to Biomedical Data Science

Lulu.com Introduction to Biomedical Data Science aims to fill the data science knowledge gap experienced by many clinical, administrative and technical staff. The textbook begins with an overview of what biomedical data science is and then embarks on a tour of topics beginning with spreadsheet tips and tricks and ending with artificial intelligence. In between, important topics are covered such as biostatistics, data visualization, database systems, big data, programming languages, bioinformatics, and machine learning. The textbook is available as a paperback and ebook. Visit the companion website at https: //www.informaticseducation.org for more information. Key features: Real healthcare datasets are used for examples and exercises; Knowledge of a programming language or higher math is not required; Multiple free or open source software programs are presented; YouTube videos are embedded in most chapters; Extensive resources chapter for further reading and learning; PowerPoints and an Instructor Manual

Introduction to Data Mining and its Applications

Springer This book explores the concepts of data mining and data warehousing, a promising and flourishing frontier in database systems, and presents a broad, yet in-depth overview of the field of data mining. Data mining is a multidisciplinary field, drawing work from areas including database technology, artificial intelligence, machine learning, neural networks, statistics, pattern recognition, knowledge based systems, knowledge acquisition, information retrieval, high performance computing and data visualization.

JavaTech, an Introduction to Scientific and Technical Computing with Java

Cambridge University Press JavaTech is a practical introduction to the Java programming language with an emphasis on the features that benefit technical computing. After presenting the basics of object-oriented programming in Java, it examines introductory topics such as graphical interfaces and thread processes. It goes on to review network programming and develops Web client-server examples for tasks such as monitoring remote devices. The focus then shifts to distributed computing with RMI. Finally, it examines how Java programs can access the local platform and interact with hardware. Topics include combining native code with Java, communication via serial lines, and programming embedded processors. An extensive web site supports the book with additional instructional materials. JavaTech demonstrates the ease with which Java can be used to create powerful network applications and distributed computing applications. It will be used as a textbook for programming courses, and by researchers who need to learn Java for a particular task.

Introduction to Computers for Healthcare Professionals

Jones & Bartlett Learning Introduction to Computers for Health Care Professionals, Seventh Edition is a contemporary computer literacy text geared toward nurses and other healthcare students.

Machine Learning for Email Spam Filtering and Priority Inbox

"O'Reilly Media, Inc." This compact book explores standard tools for text classification, and teaches the reader how to use machine learning to decide whether a e-mail is spam or ham (binary classification), based on raw data from The SpamAssassin Public Corpus. Of course, sometimes the items in one class are not created equally, or we want to distinguish among them in some meaningful way. The second part of the book will look at how to not only filter spam from our email, but also placing "more important" messages at the top of the queue. This is a curated excerpt from the upcoming book "Machine Learning for Hackers."

Advanced Introduction to Spatial Statistics

Edward Elgar Publishing This Advanced Introduction provides a critical review and discussion of research concerning spatial statistics, differentiating between it and spatial econometrics, to answer a set of core questions covering the geographic-tagging-of-data origins of the concept and its theoretical underpinnings, conceptual advances, and challenges for future scholarly work. It offers a vital tool for understanding spatial statistics and surveys how concerns about violating the independent observations assumption of statistical analysis developed into this discipline.

R Graphics Essentials for Great Data Visualization 200 Practical Examples You Want to Know for Data Science

STHDA Data visualization is one of the most important part of data science. Many books and courses present a catalogue of graphics but they don't teach you which charts to use according to the type of the data. In this book, we start by presenting the key graphic systems and packages available in R, including R base graphs, lattice and ggplot2 plotting systems. Next, we provide more than 200 practical examples to create great graphics for the right data using either the ggplot2 package and extensions or the traditional R graphics. With this book, you 'll learn: - How to quickly create beautiful graphics using ggplot2 packages - How to properly customize and annotate the plots - Type of graphics for visualizing categorical and continuous variables - How to add automatically p-values to box plots, bar plots and alternatives - How to add marginal density plots and correlation coefficients to scatter plots - Key methods for analyzing and visualizing multivariate data - R functions and packages for plotting time series data - How to combine multiple plots on one page to create production-quality figures.

Introduction to International Disaster Management

Elsevier Written from a global perspective on risk, hazards, and disasters, Introduction to International Disaster Management provides practitioners, educators and students with a comprehensive overview of the players, processes and special issues involved in the management of large-scale natural and technological disasters. The book discusses special issues encountered in the management of international disasters, and explains the various private, non-governmental, national, and international agencies that assist in preparedness, mitigation, response and recovery during national and regional events. Concentrating on the four major phases of emergency management – mitigation, preparedness, response, and recovery – Introduction to International Disaster Management deals with such timely topics as Hurricane Katrina, the 2004 Asian tsunami, and SARS. It also serves as a reference to governmental and other agencies involved in international disaster management activities. This book is the first of its kind to take a global approach to the topic of international disaster management. * Serves as the first comprehensive resource dealing with the issues of international disaster management * Contains numerous case studies, examples of Best Practices in international disaster management, and a contact list of the governmental and nongovernmental agencies involved in international disaster management * Provides a global perspective on risk, hazards, and disasters that is written both for students within disaster management programs and for professionals entering the field

Data Analysis and Graphics Using R

An Example-based Approach

Cambridge University Press **Join the revolution ignited by the ground-breaking R system! Starting with an introduction to R, covering standard regression methods, then presenting more advanced topics, this book guides users through the practical and powerful tools that the R system provides. The emphasis is on hands-on analysis, graphical display and interpretation of data. The many worked examples, taken from real-world research, are accompanied by commentary on what is done and why. A website provides computer code and data sets, allowing readers to reproduce all analyses. Updates and solutions to selected exercises are also available. Assuming only basic statistical knowledge, the book is ideal for research scientists, final-year undergraduate or graduate level students of applied statistics, and practising statisticians. It is both for learning and for reference. This revised edition reflects changes in R since 2003 and has new material on survival analysis, random coefficient models, and the handling of high-dimensional data.**

Web and Network Data Science

Modeling Techniques in Predictive Analytics

FT Press **Master modern web and network data modeling: both theory and applications. In Web and Network Data Science, a top faculty member of Northwestern University's prestigious analytics program presents the first fully-integrated treatment of both the business and academic elements of web and network modeling for predictive analytics. Some books in this field focus either entirely on business issues (e.g., Google Analytics and SEO); others are strictly academic (covering topics such as sociology, complexity theory, ecology, applied physics, and economics). This text gives today's managers and students what they really need: integrated coverage of concepts, principles, and theory in the context of real-world applications. Building on his pioneering Web Analytics course at Northwestern University, Thomas W. Miller covers usability testing, Web site performance, usage analysis, social media platforms, search engine optimization (SEO), and many other topics. He balances this practical coverage with accessible and up-to-date introductions to both social network analysis and network science, demonstrating how these disciplines can be used to solve real business problems.**

Introduction To Health Care Delivery (Book)

Jones & Bartlett Publishers **Introduction to Health Care Delivery:A Primer for Pharmacists, Fifth Edition provides students with a current and comprehensive overview of the U.S. health care delivery system from the perspective of the pharmacy profession. Each thoroughly updated chapter of this best-selling text includes real-world case studies, learning objectives, chapter review questions, questions for further discussion, and updated key topics and terms. New and expanded topics include public health, pharmacoepidemiology, cultural competence, and leadership. Patient-Provider dialogues are also included to help students apply key concepts. Instructor Resources include a Transition Guide, PowerPoint Presentations, and an Instructor's Manual. Key Features • Case Scenario per Chapter • Learning Objectives • Chapter Review Questions • Doctor/Patient Scripts • Questions for Further Discussion • References Each new textbook includes an online code to access the Student Resources available on the Companion Website. Online access may also be purchased separately. *Please note: Electronic/eBook formats do not include access to the Companion Website.**

Statistics in a Nutshell

A Desktop Quick Reference

"O'Reilly Media, Inc." Need to learn statistics as part of your job, or want some help passing a statistics course? Statistics in a Nutshell is a clear and concise introduction and reference that's perfect for anyone with no previous background in the subject. This book gives you a solid understanding of statistics without being too simple, yet without the numbing complexity of most college texts. You get a firm grasp of the fundamentals and a hands-on understanding of how to apply them before moving on to the more advanced material that follows. Each chapter presents you with easy-to-follow descriptions illustrated by graphics, formulas, and plenty of solved examples. Before you know it, you'll learn to apply statistical reasoning and statistical techniques, from basic concepts of probability and hypothesis testing to multivariate analysis. Organized into four distinct sections, Statistics in a Nutshell offers you: Introductory material: Different ways to think about statistics Basic concepts of measurement and probability theory Data management for statistical analysis Research design and experimental design How to critique statistics presented by others Basic inferential statistics: Basic concepts of inferential statistics The concept of correlation, when it is and is not an appropriate measure of association Dichotomous and categorical data The distinction between parametric and nonparametric statistics Advanced inferential techniques: The General Linear Model Analysis of Variance (ANOVA) and MANOVA Multiple linear regression Specialized techniques: Business and quality improvement statistics Medical and public health statistics Educational and psychological statistics Unlike many introductory books on the subject, Statistics in a Nutshell doesn't omit important material in an effort to dumb it down. And this book is far more practical than most college texts, which tend to over-emphasize calculation without teaching you when and how to apply different statistical tests. With Statistics in a Nutshell, you learn how to perform most common statistical analyses, and understand statistical techniques presented in research articles. If you need to know how to use a wide range of statistical techniques without getting in over your head, this is the book you want.

An Introduction to Stata for Health Researchers

Stata Press **Designed to assist those working in health research, An Introduction to Stata for Health Researchers explains how to maximize the versatile Stata program for data management, statistical analysis, and graphics for research. The first nine chapters are devoted to becoming familiar with Stata and the essentials of effective data management. The text is also a valuable companion reference for more advanced users. It covers a host of useful applications for health researchers including the analysis of stratified data via epitab and regression models; linear, logistic, and Poisson regression; survival analysis including Cox regression, standardized rates, and correlation/ROC analysis of measurements.**

Introduction to Metadata

Getty Publications **Metadata provides a means of indexing, accessing, preserving, and discovering digital resources. The volume of digital information available over electronic networks has created a pressing need for standards to assist in locating, retrieving, and managing this vast and complex universe. This revised edition of "Introduction to Metadata," first published in 1998 and updated in an online version in 2000, provides an overview of metadata--its types, roles, and characteristics; a discussion of metadata as it relates to Web resources; a description of methods, tools, standards, and protocols for publishing and disseminating digital collections; and a handy glossary. Newly added to this edition are an essay on the importance of standards-based rights metadata for cultural institutions; and a section entitled "Practical Principles for Metadata Creation and Maintenance."**

Introduction to Remote Sensing, Sixth Edition

Guilford Publications **Now in full color, the sixth edition of this leading text features new chapters on remote sensing platforms (including the latest satellite and unmanned aerial systems), agriculture (including agricultural analysis via satellite imagery), and forestry (including fuel type mapping and fire monitoring). The book has introduced tens of thousands of students to the fundamentals of collecting, analyzing, and interpreting remotely sensed images. It presents cutting-edge tools and practical applications to land and water use analysis, natural resource management, climate change adaptation, and more. Each concise chapter is designed as an independent unit that instructors can use in any sequence. Pedagogical features include over 400 figures, chapter-opening lists of topics, case studies, end-of-chapter review questions, and links to recommended online videos and tutorials. New to This Edition *Discussions of Landsat 8 and Sentinel-2; the growth of unmanned aerial systems; mobile data collection; current directions in climate change detection, fire monitoring, and disaster response; and other timely topics. *Additional cases, such as river erosion; the impact of Hurricane Sandy on Mantoloking, New Jersey; and Miami Beach as an exemplar of challenges in coastal communities. *Revised throughout with 60% new material, including hundreds of new full-color figures. *New chapters on remote sensing platforms, agriculture, and forestry.**

An Introduction to Data Analysis in R

Hands-on Coding, Data Mining, Visualization and Statistics from Scratch

Springer Nature **This textbook offers an easy-to-follow, practical guide to modern data analysis using the programming language R. The chapters cover topics such as the fundamentals of programming in R, data collection and preprocessing, including web scraping, data visualization, and statistical methods, including multivariate analysis, and feature exercises at the end of each section. The text requires only basic statistics skills, as it strikes a balance between statistical and mathematical understanding and implementation in R, with a special emphasis on reproducible examples and real-world applications. This textbook is primarily intended for undergraduate students of mathematics, statistics, physics, economics, finance and business who are pursuing a career in data analytics. It will be equally valuable for master students of data science and industry professionals who want to conduct data analyses.**

Introduction to the US Food System

Public Health, Environment, and Equity

John Wiley & Sons

Introduction to Epidemiology

Jones & Bartlett Publishers **Introduction to Epidemiology, Seventh Edition is the ideal introductory text for the epidemiology student with minimal training in the biomedical sciences and statistics.**

A Guide to Doing Statistics in Second Language Research Using SPSS and R

Routledge **A Guide to Doing Statistics in Second Language Research Using SPSS and R, Second Edition is the only text available that demonstrates how to use SPSS and R as specifically related to applied linguistics and SLA research. This new edition is up-to-date with the most recent version of the SPSS software and now also includes coverage of R, a software program increasingly used by researchers in this field. Supported by a number of pedagogical features, including tip boxes and practice activities, and a wealth of screenshots, this book takes readers through each step of performing and understanding statistical research, covering the most commonly used tests in second language research, including t-tests, correlation, and ANOVA. A robust accompanying website covers additional tests of interest to students and researchers, taking them step-by-step through carrying out these tests themselves. In this comprehensive and hands-on volume, Jenifer Larson-Hall equips readers with a thorough understanding and the practical skills necessary to conducting and interpreting statisical research effectively using SPSS and R, ideal for graduate students and researchers in SLA, social sciences, and applied lingustics. For more information and materials, please visit www.routledge.com/cw/larson-hall.**

Statistical Programming in SAS

CRC Press **Statistical Programming in SAS Second Edition provides a foundation for programming to implement statistical solutions using SAS, a system that has been used to solve data analytic problems for more than 40 years. The author includes motivating examples to inspire readers to generate programming solutions. Upper-level undergraduates, beginning graduate students, and professionals involved in generating programming solutions for data-analytic problems will benefit from this book. The ideal background for a reader is some background in regression modeling and introductory experience with computer programming. The coverage of statistical programming in the second edition includes Getting data into the SAS system, engineering new features, and formatting variables Writing readable and well-documented code Structuring, implementing, and debugging programs that are well documented Creating solutions to novel problems Combining data sources, extracting parts of data sets, and reshaping data sets as needed for other analyses Generating general solutions using macros Customizing output Producing insight-inspiring data visualizations Parsing, processing, and analyzing text Programming solutions using matrices and connecting to R Processing text Programming with matrices Connecting SAS with R Covering topics that are part of both base and certification exams.**

An Introduction to International Health

Canadian Scholars' Press **At a time when developed world populations are healthier and richer than they have ever been, why is there still so much poverty and disease in the world? Why do rich countries hold so many poor countries in debt and why do millions of children die every year from avoidable diseases? This new edition attempts to answer these pressing questions. An Introduction to International Health, Second Edition is a comprehensive and detailed exploration of international health and the modern aid industry. This provocative new edition is masterfully constructed around four essential themes: What is international health? Why is population health so poor in developing countries? What is the extent of the problem? What can be done about it? The thoroughly updated second edition provides answers to these questions and includes new discussions on war, governance and human rights in developing countries, and the various issues surrounding water, sanitation, and infectious diseases. Solutions are examined via primary health care strategies, poverty alleviation, and developing world debt relief, as well as human rights interventions. Unique to this book is its ""how-to"" component. The final section discusses how to work safely and effectively in a developing country. This eye-opening text is an essential read for all those interested in international health.**

Using R for Introductory Statistics, Second Edition

CRC Press **The second edition of a bestselling textbook, Using R for Introductory Statistics guides students through the basics of R, helping them overcome the sometimes steep learning curve. The author does this by breaking the material down into small, task-oriented steps. The second edition maintains the features that made the first edition so popular, while updating data, examples, and changes to R in line with the current version. See What's New in the Second Edition: Increased emphasis on more idiomatic R provides a grounding in the functionality of base R. Discussions of the use of RStudio helps new R users avoid as many pitfalls as possible. Use of knitr package makes code easier to read and therefore easier to reason about. Additional information on computer-intensive approaches motivates the traditional approach. Updated examples and data make the information current and topical. The book has an accompanying package, UsingR, available from CRAN, R's repository of user-contributed packages. The package contains the data sets mentioned in the text (data(package="UsingR")), answers to selected problems (answers()), a few demonstrations (demo()), the errata (errata()), and sample code from the text. The topics of this text line up closely with traditional teaching progression; however, the book also highlights computer-intensive approaches to motivate the more traditional approach. The authors emphasize realistic data and examples and rely on visualization techniques to gather insight. They introduce statistics and R seamlessly, giving students the tools they need to use R and the information they need to navigate the sometimes complex world of statistical computing.**

An Introduction to Audio Description

A practical guide

Routledge **An Introduction to Audio Description is the first comprehensive, user-friendly student guide to the theory and practice of audio description, or media narration, providing readers with the skills needed for the effective translation of images into words for the blind and partially-sighted. A wide range of examples – from film to multimedia events and touch tours in theatre, along with comments throughout from audio description users, serve to illustrate the following key themes: the history of audio description the audience the legal background how to write, prepare and deliver a script. Covering the key genres of audio description and supplemented with exercises and discussion points throughout, this is the essential textbook for all students and translators involved in the practice of audio description. Accompanying film clips are also available at: https://www.routledge.com/products/9781138848177 and on the Routledge Translation Studies Portal: http://cw.routledge.com/textbooks/translationstudies/.**

An Introduction to R

Network Theory. **This tutorial manual provides an introduction to R, a software package for statistical computing and graphics. This revised and updated edition is based on the April 2009 release of R (version 2.9.0).**

Introduction to Image Processing Using R

Learning by Examples

Springer Science & Business Media **This book introduces the statistical software R to the image processing community in an intuitive and practical manner. R brings interesting statistical and graphical tools which are important and necessary for image processing techniques. Furthermore, it has been proved in the literature that R is among the most reliable, accurate and portable statistical software available. Both the theory and practice of R code concepts and techniques are presented and explained, and the reader is encouraged to try their own implementation to develop faster, optimized programs. Those who are new to the field of image processing and to R software will find this work a useful introduction. By reading the book alongside an active R session, the reader will experience an exciting journey of learning and programming.**

Digital Signal Processing with Matlab Examples, Volume 1

Signals and Data, Filtering, Non-stationary Signals, Modulation

Springer **This is the first volume in a trilogy on modern Signal Processing. The three books provide a concise exposition of signal processing topics, and a guide to support individual practical exploration based on MATLAB programs. This book includes MATLAB codes to illustrate each of the main steps of the theory, offering a self-contained guide suitable for**

independent study. The code is embedded in the text, helping readers to put into practice the ideas and methods discussed. The book is divided into three parts, the first of which introduces readers to periodic and non-periodic signals. The second part is devoted to filtering, which is an important and commonly used application. The third part addresses more advanced topics, including the analysis of real-world non-stationary signals and data, e.g. structural fatigue, earthquakes, electro-encephalograms, birdsong, etc. The book's last chapter focuses on modulation, an example of the intentional use of non-stationary signals.

Introduction to Construction Management

Taylor & Francis Introduction to Construction Management, Second Edition, is the beginner's guide to key concepts, terms, processes and practices associated with modern construction management. The new edition has been fully updated with new data, case studies and enhancements and remains the most practical and accessible book on the subject available. Significant new topics have been added including construction ethics, coverage of mental health and wellbeing in the industry, project delivery and Construction 4.0, to make this the most cutting-edge book available for students on construction and engineering management courses. Supported by diagrams, illustrations and case studies, the book starts with a general introduction to the industry and covers the relevant management theory before providing applied coverage of: Production management Commercial management Quality management Health and Safety management Environmental management This is the most approachable text available for anyone starting to learn about construction management at any level.

An Introduction to SAS Visual Analytics

How to Explore Numbers, Design Reports, and Gain Insight Into Your Data

SAS Institute Focusing on the version of SAS Visual Analytics on SAS 9.4, this thorough guide will show you how to make sense of your complex data with the goal of leading you to smarter, data-driven decisions without having to write a single line of code ¿u unless you want to. --

Introduction to Social Work, Fourth Edition

The People's Profession

Oxford University Press There are certain questions that all students considering social work ask. Who are social workers? What is it that social workers do? How is the social work profession changing? What does it take to become a social worker? Ira Colby and Sophia Dziegielewski bring their decades of experience in social work practice and education to answer these questions. This engaging text gives readers a practical guide to the many ways in which social workers effect change in their communities and the world. The authors offer an overview and history of the profession; introduce readers to the practice of social work at the micro, mezzo, and macro level; and finally look closely at the many settings and populations that social workers work with. While realistically portraying the pressures and obstacles that social workers face, Colby and Dziegielewski communicate their own passion for social work.

Introduction to Information Visualization

Transforming Data into Meaningful Information

Rowman & Littlefield This full-color text shows readers how to transform data into something meaningful - information. It is meant for anyone interested in the art and science of communicating data to others. Drawing on the author's years of practice and teaching, it bridges the two worlds in ways everyone can participate in and appreciate the beautiful in information.

Introduction to Digital Marketing 101

Easy to Learn and implement hands on guide for Digital Marketing

BPB Publications Skyrocket your business goals with this hands on guide DESCRIPTION Social media marketing has stemmed from people's communication habits. Nowadays, social networking platforms are essential in practice, even in marketing. To understand the changes and transformations the field of marketing has undergone until now, it is important to know its origin. This complete guide will help you start selling and marketing your business by teaching you both SEO/SEM and web usability. You will learn the analytical part of Google Analytics and online advertising through Google AdWords. This book will introduce you to Web 2.0, and at the end of it, you may also want to make a career change to digital marketing! ● Have you ever wondered how you can work smart with products that offer a range of essential applications for businesses? ● What are the prerequisites for a successful business? ● What will happen if your company does not use digital marketing for your business? ● Do you know what are the newest and best technologies, applications, web tools, and virtual customer relationship management products that your competitors are using right now to work smarter and more efficiently? KEY FEATURES ● Online advertising ● Online marketing campaigns ● Mail marketing ● Website marketing ● Opt-in email ● Mobile marketing ● Marketing data ● Digital strategy ● Consumer marketing WHAT WILL YOU LEARN ● Design, organize, and monitor strategies. ● Optimize your website SEO. ● Create, manage, and evaluate Google Ads campaigns, and display advertising and payment campaigns. ● Integrate mobile marketing and mail marketing campaigns. ● Use Google Analytics. ● Improve the accessibility and usability of a website and UX. ● Stand out on LinkedIn. ● Apply Big data and machine learning to digital marketing. WHO THIS BOOK IS FOR Anyone who, for personal, academic, and/or professional reasons, wants to learn the basics of digital marketing. It is also a good start for marketers who would like to know their audiences and define strategies that best suit them. Table of Contents 1. Define your audience: Marketing plan & value proposition. 2. Content strategy: Key process to improve content creation. 3. Use social media for your business. 4. Social ads: Make people think and talk. 5. SEO for beginners: Title, URL, & CTR 6. Search engine marketing (SEM): Position your brand in the market (PPC & paid search) 7. Display advertising to target your audience: Facebook, target audience, keywords, & search terms. 8. Create a campaign with email marketing: Segmentation, email automatization, split test, A/B testing, & optimization. 9. Analyze what people do in your website: Google Analytics & Big data. 10. Launch your career in digital marketing: Digital Marketing jobs, LinkedIn, networking, Big data, machine learning, & elevator pitch