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Text Analytics with Python MIT Press
A chronological account of transgender theory documents major movements, writings, and events, offering insight into the contributions of key

historical figures while discussing treatments of transgenderism in pop culture. Original.

<u>Evaluation</u> CRC Press Like it or not, JavaScript is everywhere these days—from browser to server to mobile—and now you, too, need to learn the language or dive deeper than you have. This concise book guides you into and through JavaScript, written by a veteran programmer who once found himself in the same position. Speaking JavaScript helps you approach the language with four standalone sections. First, a quick-start guide teaches you just enough of the language to help you be productive right away. More experienced JavaScript programmers will find a complete and easy-to-read reference that covers each language feature in depth. Complete contents include: JavaScript quick start: Familiar with object-oriented programming? This part helps you learn JavaScript quickly and properly. JavaScript in depth: Learn details of ECMAScript 5, from syntax, variables, functions, and object-oriented programming to regular expressions and JSON with lots of examples. Pick a topic and jump in. Background: Understand JavaScript's history and its relationship with other programming languages. Tips, tools, and libraries: Survey existing style guides, best practices, advanced techniques, module systems, package

`managers, build tools, and learning resources.` *Handbook of Health Social Work* Springer Science & Business Media Learn web scraping and crawling techniques to access unlimited data from any web source in any format. With this practical guide, you'll learn how to use Python scripts and web APIs to gather and process data from thousands—or even millions—of web pages at once. Ideal for programmers, security professionals, and web administrators familiar with Python, this book not only teaches basic web scraping mechanics, but also delves into more advanced topics, such as analyzing raw data or using scrapers for frontend website testing. Code samples are available to help you understand the concepts in practice. Learn how to parse complicated HTML pages Traverse multiple pages and sites Get a general overview of APIs and how they work Learn several methods for storing the data you scrape Download, read, and extract data from documents Use tools and techniques to clean badly formatted data Read and write natural languages Crawl through forms and logins Understand how to scrape JavaScript Learn image processing and text recognition

Web Scraping with Python HarperCollins Statistics for Linguists: An Introduction Using R is the first statistics textbook on linear models for linguistics. The book covers simple uses of linear models through generalized models to more advanced approaches, maintaining its focus on conceptual issues and avoiding excessive mathematical details. It contains many applied examples using the R statistical programming environment. Written in an accessible tone and style, this text is the ideal main resource for

graduate and advanced undergraduate students of Linguistics statistics courses as well as those in other fields, including Psychology, Cognitive Science, and Data Science.

Effective Java Routledge This book provides a comprehensive and accessible introduction to knowledge graphs, which have recently garnered notable attention from both industry and academia. Knowledge graphs are founded on the principle of applying a graph-based abstraction to data, and are now broadly deployed in scenarios that require integrating and extracting value from multiple, diverse sources of data at large scale. The book defines knowledge graphs and provides a high-level overview of how they are used. It presents and contrasts popular graph models that are commonly used to represent data as graphs, and the languages by which they can be queried before describing how the resulting data graph can be enhanced with notions of schema, identity, and context. The book discusses how ontologies and rules can be used to encode knowledge as well as how inductive techniques—based on statistics, graph analytics, machine learning, etc.—can be used to encode and extract knowledge. It covers techniques for the creation, enrichment, assessment, and refinement of knowledge graphs and surveys recent open and enterprise knowledge graphs and the industries or applications within which they have been most widely adopted. The book closes by discussing the current limitations and future directions along which knowledge graphs are likely to evolve. This book is aimed at

students, researchers, and practitioners who wish to learn more about knowledge graphs and how they facilitate extracting value from diverse data at large scale. To make the book accessible for newcomers, running examples and graphical notation are used throughout. Formal definitions and extensive references are also provided for those who opt to delve more deeply into specific topics.
Introduction to Data Science Springer Science & Business Media
Mapping Cyberspace is a ground-breaking geographic exploration and critical reading of cyberspace, and information and communication technologies. The book: * provides an understanding of what cyberspace looks like and the social interactions that occur there * explores the impacts of cyberspace, and information and communication technologies, on cultural, political and economic relations * charts the spatial forms of virutal spaces * details empirical research and examines a wide variety of maps and spatialisations of cyberspace and the information society * has a related website at http://www.MappingCyberspace.com. This book will be a valuable addition to the growing body of literature on cyberspace and what it means for the future.

The Microphone Book
McGraw-Hill Companies Official U.S. edition with full color illustrations throughout. NEW YORK TIMES BESTSELLER Yuval Noah Harari, author of the critically-acclaimed New York Times bestseller and international phenomenon Sapiens, returns with an equally

original, compelling, and provocative book, turning his focus toward humanity's future, and our quest to upgrade humans into gods. Over the past century humankind has managed to do the impossible and rein in famine, plague, and war. This may seem hard to accept, but, as Harari explains in his trademark style—thorough, yet riveting—famine, plague and war have been transformed from incomprehensible and uncontrollable forces of nature into manageable challenges. For the first time ever, more people die from eating too much than from eating too little; more people die from old age than from infectious diseases; and more people commit suicide than are killed by soldiers, terrorists and criminals put together. The average American is a thousand times more likely to die from binging at McDonalds than from being blown up by Al Qaeda. What then will replace famine, plague, and war at the top of the human agenda? As the self-made gods of planet earth, what destinies will we set ourselves, and which quests will we undertake? Homo Deus explores the projects, dreams and nightmares that will shape the twenty-first century—from overcoming death to creating artificial life. It asks the fundamental questions: Where do we go from here? And how will we protect this fragile world from our own destructive powers? This is the next stage of evolution. This is Homo Deus. With the same insight and clarity that made

Sapiens an international hit and a New York Times bestseller, Harari maps out our future.

Statistics for Linguists: An Introduction Using R

Psychology Press Functional and Phylogenetic Ecology in R is designed to teach readers to use R for phylogenetic and functional trait analyses. Over the past decade, a dizzying array of tools and methods were generated to incorporate phylogenetic and functional information into traditional ecological analyses. Increasingly these tools are implemented in R, thus greatly expanding their impact. Researchers getting started in R can use this volume as a step-by-step entryway into phylogenetic and functional analyses for ecology in R. More advanced users will be able to use this volume as a quick reference to understand particular analyses. The volume begins with an introduction to the R environment and handling relevant data in R. Chapters then cover phylogenetic and functional metrics of biodiversity; null modeling and randomizations for phylogenetic and functional trait analyses; integrating phylogenetic and functional trait information; and interfacing the R environment with a popular C-based program. This book presents a unique approach through its focus on ecological analyses and not macroevolutionary analyses. The author provides his own code, so that the reader is guided through the computational steps to calculate the desired metrics. This guided approach simplifies the work of determining which package to use for any given analysis. Example datasets are shared to help readers practice, and

readers can then quickly turn to their own datasets.

A Manual Grammar of the Greek New Testament "O'Reilly Media, Inc."

The Handbook of Recording Engineering is a logical outgrowth of the first two editions of Sound Recording. The ten years since the first edition have seen no slackening in the development of recording technology, and they have wit nessed an almost phenomenal growth in the teaching of recording and audio engineering at all academic levels. The earlier editions of Sound Recording have been widely used as texts at all educational levels, and it is the author's intent in the Handbook of Recording Engineering to produce a book which is even more suited to these purposes. At the same time, the book has been organized as a true handbook, which presents of reference material in easily accessible form. a broad array The organization of the book is unique in that it progresses as the signal transmission chain itself does-from the recording venue on through the micro phone, transmission channel, and finally to the listening environment. The first six chapters thus form a logical sequence, and the author recommends that in structors using the Handbook follow them accordingly. Chapter One presents a discussion of acoustical fundamentals, including an introduction to some basic psychoacoustical considerations having to do with performance spaces. Chapter Two covers the basic operating principles of mi crophones, while Chapter Three extends the discussion of microphones to cover the entire range of stereophonic imaging phenomena.

Artificial Intelligence Pearson Education India

OUVRAGE SUR LES DIFFERENTS ASPECTS DE L'UTILISATION DU MICROPHONE.

The Elements of Abbreviation in Medieval Latin Paleography Elar Publishing Company, Incorporated

Basics of the Biblical Greek is an entirely new, integrated approach to teaching and learning New Testament Greek. It makes learning Greek a natural process and shows from the very beginning how an understanding of Greek helps in understanding the New Testament. Basics of Biblical Greek: combines the best of the deductive and the inductive approaches, explains the basics of English grammar before teaching Greek grammar, uses from the very beginning parts of verses from the New Testament instead of 'made-up' exercises, includes at the beginning of every lesson a brief devotional, written by a well-known New Testament scholar, that demonstrates how the principles taught in the lesson apply directly to an understanding of the biblical text, is the most popular first-year Greek course used in colleges and seminaries today, comes with an interactive study aid CD-ROM, containing an eight-minute greeting from the author and the fun, helpful, and graphical vocabulary-memorizing program 'Learning the Basics of Biblical Greek' (runs on Power Mac and Windows 95), where you can hear Greek words pronounced and sung in more than 200 familiar hymns. The CD-ROM also contains the powerful Greek vocabulary-drilling programs Flashworks(TM) and Parseworks from Teknia Language Tools (runs on Macintosh and Windows 3.1 and 95). A separate workbook is also available. And complimentary teacher helps are located on the author's website (http://www.homeschooling.org).

Kinanthropometry and Exercise Physiology Laboratory Manual
Addison-Wesley Professional
Bayesian Networks, the result of the convergence of artificial intelligence with statistics, are growing in popularity. Their versatility and modelling power is now employed across a variety of fields for the purposes of analysis, simulation,

prediction and diagnosis. This book provides a general introduction to Bayesian networks, defining and illustrating the basic concepts with pedagogical examples and twenty real-life case studies drawn from a range of fields including medicine, computing, natural sciences and engineering. Designed to help analysts, engineers, scientists and professionals taking part in complex decision processes to successfully implement Bayesian networks, this book equips readers with proven methods to generate, calibrate, evaluate and validate Bayesian networks. The book: Provides the tools to overcome common practical challenges such as the treatment of missing input data, interaction with experts and decision makers, determination of the optimal granularity and size of the model. Highlights the strengths of Bayesian networks whilst also presenting a discussion of their limitations. Compares Bayesian networks with other modelling techniques such as neural networks, fuzzy logic and fault trees. Describes, for ease of comparison, the main features of the major Bayesian network software packages: Netica, Hugin, Elvira and Discoverer, from the point of view of the user. Offers a historical perspective on the subject and analyses future directions for research. Written by leading experts with practical experience of applying Bayesian networks in finance, banking, medicine, robotics, civil engineering, geology, geography,

genetics, forensic science, ecology, and industry, the book has much to offer both practitioners and researchers involved in statistical analysis or modelling in any of these fields.

Beginning C++ Programming Simon and Schuster
A survey of computational methods for understanding, generating, and manipulating human language, which offers a synthesis of classical representations and algorithms with contemporary machine learning techniques. This textbook provides a technical perspective on natural language processing—methods for building computer software that understands, generates, and manipulates human language. It emphasizes contemporary data-driven approaches, focusing on techniques from supervised and unsupervised machine learning. The first section establishes a foundation in machine learning by building a set of tools that will be used throughout the book and applying them to word-based textual analysis. The second section introduces structured representations of language, including sequences, trees, and graphs. The third section explores different approaches to the representation and analysis of linguistic meaning, ranging from formal logic to neural word embeddings. The final section offers chapter-length treatments of three transformative applications of natural language processing: information extraction, machine translation, and text generation. End-of-chapter exercises include both paper-and-pencil analysis and software implementation. The text synthesizes and distills a broad and diverse research literature, linking contemporary machine learning techniques with the field's linguistic and

computational foundations. It is suitable for use in advanced undergraduate and graduate-level courses and as a reference for software engineers and data scientists. Readers should have a background in computer programming and college-level mathematics. After mastering the material presented, students will have the technical skill to build and analyze novel natural language processing systems and to understand the latest research in the field.

Natural Language Processing with Python Simon and Schuster Are you looking for a deeper understanding of the JavaTM programming language so that you can write code that is clearer, more correct, more robust, and more reusable? Look no further! Effective JavaTM, Second Edition, brings together seventy-eight indispensable programmer's rules of thumb: working, best-practice solutions for the programming challenges you encounter every day. This highly anticipated new edition of the classic, Jolt Award-winning work has been thoroughly updated to cover Java SE 5 and Java SE 6 features introduced since the first edition. Bloch explores new design patterns and language idioms, showing you how to make the most of features ranging from generics to enums, annotations to autoboxing. Each chapter in the book consists of several "items" presented in the form of a short, standalone essay that provides specific advice, insight into Java platform subtleties, and outstanding code examples. The comprehensive descriptions and explanations for each item illuminate what to do, what not to do, and why. Highlights include: New coverage of generics, enums, annotations, autoboxing, the for-each loop, varargs, concurrency utilities, and much more Updated techniques and best practices on classic topics, including objects, classes, libraries, methods, and serialization How to avoid the traps and pitfalls of commonly misunderstood subtleties of the language Focus on the language

and its most fundamental libraries: java.lang, java.util, and, to a lesser extent, java.util.concurrent and java.io Simply put, Effective JavaTM, Second Edition, presents the most practical, authoritative guidelines available for writing efficient, well-designed programs. *Transgender History* "O'Reilly Media, Inc."
This accessible and classroom-tested textbook/reference presents an introduction to the fundamentals of the emerging and interdisciplinary field of data science. The coverage spans key concepts adopted from statistics and machine learning, useful techniques for graph analysis and parallel programming, and the practical application of data

science for such tasks as building recommender systems or performing sentiment analysis. Topics and features: provides numerous practical case studies using real-world data throughout the book; supports understanding through hands-on experience of solving data science problems using Python; describes techniques and tools for statistical analysis, machine learning, graph analysis, and parallel programming; reviews a range of applications of data science, including recommender systems and sentiment analysis of text data; provides supplementary code resources and data at an associated website.

You and Your Gender

Identity Springer Science & Business Media
The Microphone Book is the only guide you will ever need to the latest in microphone technology, application and technique. This new edition features, more on microphone arrays and wireless microphones; a new chapter on classic old models; the latest developments in surround; expanded advice on studio set up, recording and mic selection; improved layout for ease of reference; even more illustrations. John

Eargle provides detailed analysis of the different types of microphones available. He then addresses their application through practical examples of actual recording sessions and studio operations. Surround sound is covered from both a creative and a technical viewpoint. This classic reference takes the reader into the studio or concert hall to see how performers are positioned and how the best microphone array is determined. Problem areas such as reflections, studio leakage and isolation are analyzed from practical viewpoints. Creative solutions to such matters as stereo sound staging, perspective, and balance are also covered in detail. Recording and sound reinforcement engineers at all levels of expertise will find The Microphone Book an invaluable resource for learning the 'why' as well as the 'how' of choosing a microphone for any situation. *The Greek Magical Papyri in Translation, Including the Demotic Spells* Routledge Modern C++ at your fingertips! About This Book This book gets you started with the exciting world of C++ programming It will enable you to write C++ code that uses the standard library, has a level of object orientation, and uses memory in a safe and effective way It forms the basis of programming and covers concepts such as data structures and the core programming language Who This Book Is For A computer, an internet connection, and the desire to learn how to code in C++ is all you need to get started with this book. What You Will Learn Get familiar with the structure

of C++ projects Identify the main structures in the language: functions and classes Feel confident about being able to identify the execution flow through the code Be aware of the facilities of the standard library Gain insights into the basic concepts of object orientation Know how to debug your programs Get acquainted with the standard C++ library In Detail C++ has come a long way and is now adopted in several contexts. Its key strengths are its software infrastructure and resource-constrained applications, including desktop applications, servers, and performance-critical applications, not to forget its importance in game programming. Despite its strengths in these areas, beginners usually tend to shy away from learning the language because of its steep learning curve. The main mission of this book is to make you familiar and comfortable with C++. You will finish the book not only being able to write your own code, but more importantly, you will be able to read other projects. It is only by being able to read others' code that you will progress from a beginner to an advanced programmer. This book is the first step in that progression. The first task is to familiarize you with the structure of C++ projects so you will know how to start reading a project. Next, you will be able to identify the main structures in the language, functions, and classes, and feel confident being able to identify the execution flow through the code. You will then become aware of the facilities of the standard library and be able to determine whether you need to write a routine yourself, or use an existing routine in the standard library. Throughout the book, there is a big

emphasis on memory and pointers. You will understand memory usage, allocation, and access, and be able to write code that does not leak memory. Finally, you will learn about C++ classes and get an introduction to object orientation and polymorphism. Style and approach This straightforward tutorial will help you build strong skills in C++ programming, be it for enterprise software or for low-latency applications such as games or embedded programming. Filled with examples, this book will take you gradually up the steep learning curve of C++.

Threat Modeling MIT Press Threat modeling is one of the most essential--and most misunderstood--parts of the development lifecycle. Whether you're a security practitioner or a member of a development team, this book will help you gain a better understanding of how you can apply core threat modeling concepts to your practice to protect your systems against threats. Contrary to popular belief, threat modeling doesn't require advanced security knowledge to initiate or a Herculean effort to sustain. But it is critical for spotting and addressing potential concerns in a cost-effective way before the code's written--and before it's too late to find a solution. Authors Izar Tarandach and Matthew Coles walk you through various ways to approach and execute threat modeling in your organization. Explore fundamental properties and mechanisms for securing data and system functionality Understand the relationship

between security, privacy, and safety Identify key characteristics for assessing system security Get an in-depth review of popular and specialized techniques for modeling and analyzing your systems View the future of threat modeling and Agile development methodologies, including DevOps automation Find answers to frequently asked questions, including how to avoid common threat modeling pitfalls

More Math Into LaTeX Apress

As the most popular and authoritative guide to recording Modern Recording Techniques provides everything you need to master the tools and day to day practice of music recording and production. From room acoustics and running a session to mic placement and designing a studio Modern Recording Techniques will give you a really good grounding in the theory and industry practice. Expanded to include the latest digital audio technology the 7th edition

now includes sections on podcasting, new surround sound formats and HD and audio. If you are just starting out or looking for a step up in industry, Modern Recording Techniques provides an in depth excellent read- the must have book

Anatomy of LISP Createspace Independent Publishing Platform

This publication presents fascinating new findings on ancient Romano-Egyptian funerary portraits preserved in international collections. Once interred with

mummified remains, nearly a thousand funerary portraits from Roman Egypt survive today in museums around the world, bringing viewers face-to-face with people who lived two thousand years ago. Until recently, few of these paintings had undergone in-depth study to determine by whom they were made and how. An international collaboration known as APPEAR (Ancient Panel Paintings: Examination, Analysis, and Research) was launched in 2013 to promote the study of these objects and to gather scientific and historical findings into a shared database. The first phase of the project was marked with a two-day conference at the Getty Villa. Conservators, scientists, and curators presented new research on topics such as provenance and collecting, comparisons of works across institutions, and scientific studies of pigments, binders, and supports. The papers and posters from the conference are collected in this publication, which offers the most up-to-date information available about these fascinating remnants of the ancient world. The free online edition of this open-access publication is available at www.getty.edu/publications/mummyportraits/ and includes zoomable illustrations and graphs. Also available are free PDF, EPUB, and Kindle/MOBI downloads of the book.