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review of the first edition the authors strive to reduce theory to a minimum which makes it a self learning text that is comprehensible for biologists physicians etc who lack an advanced mathematics background unlike in many other textbooks r is not introduced with meaningless toy examples instead the reader is taken by the hand and shown around some analyses graphics and simulations directly relating to meta analysis a useful hands on guide for practitioners who want to familiarize themselves with the fundamentals of meta analysis and get started without having to plough through theorems and proofs journal of applied statistics statistical meta analysis with r and stata second edition provides a thorough presentation of statistical meta analyses ma with step by step implementations using r stata the authors develop analysis step by step using appropriate r stata functions which enables readers to gain an understanding of meta analysis methods and r stata implementation so that they can use these two popular software packages to analyze their own meta data each chapter gives examples of real studies compiled from the literature after presenting the data and necessary background for understanding the applications various methods for analyzing meta data are introduced the authors then develop analysis code using the appropriate r stata packages and functions what s new in the second edition adds stata programs along with the r programs for meta analysis updates all the statistical meta analyses with r stata programs covers fixed effects and random effects ma meta regression ma with rare event and ma ipd vs ma ss adds five new chapters on multivariate ma publication bias missing data in ma ma in evaluating diagnostic accuracy and network ma suitable as a graduate level text for a meta data analysis course the book is also a valuable reference for practitioners and biostatisticians even those with little or no experience in using r or stata in public health medical research governmental agencies and the

pharmaceutical industry

john chambers has been the principal designer of the s language since its beginning and in 1999 received the acm system software award for s the only statistical software to receive this award he is author or coauthor of the landmark books on s now he turns to r the enormously successful open source system based on the s language r s international support and the thousands of packages and other contributions have made it the standard for statistical computing in research and teaching this book guides the reader through programming with r beginning with simple interactive use and progressing by gradual stages starting with simple functions more advanced programming techniques can be added as needed allowing users to grow into software contributors benefiting their careers and the community r packages provide a powerful mechanism for contributions to be organized and communicated the techniques covered include such modern programming enhancements as classes and methods namespaces and interfaces to spreadsheets or data bases as well as computations for data visualization numerical methods and the use of text data

as in its first edition the new edition of quantitative corpus linguistics with r demonstrates how to process corpus linguistic data with the open source programming language and environment r geared in general towards linguists working with observational data and particularly corpus linguists it introduces r programming with emphasis on data processing and manipulation in general text processing with and without regular expressions of large bodies of textual and or literary data and basic aspects of statistical analysis and visualization this book is extremely hands on and leads the reader through dozens of small applications as well as larger case studies along with an array of exercise boxes and separate answer keys the text features a didactic sequential approach in case studies by way of subsections that zoom in to every programming problem the companion website to the book contains all relevant r code amounting to approximately 7 000 lines of heavily commented code most of the data sets as well as pointers to others and a dedicated google newsgroup this new edition is ideal for both researchers in corpus linguistics and instructors who want to promote hands on approaches to data in corpus linguistics courses

utilize r to uncover hidden patterns in your big data about this book perform computational analyses on big data to generate meaningful results get a practical knowledge of r programming language while working on big data platforms like hadoop spark h2o and sql nosql databases explore fast streaming and scalable data analysis with the most cutting edge technologies in the market who this book is for this book is intended for data analysts scientists data engineers statisticians researchers who want to integrate r with their current or future big data workflows it is assumed that readers have some experience in data analysis and understanding of data management and algorithmic processing of large quantities of data however they may lack specific skills related to r what you will learn learn about current state of big data processing using r programming language and its powerful statistical capabilities deploy big data analytics platforms with selected big data tools supported by r in a cost effective and time saving manner apply the r language to real world big data problems on a multi node hadoop cluster e g electricity consumption across various socio demographic indicators and bike share scheme usage explore the compatibility of r with hadoop spark sql and nosql databases and h2o platform in detail big data analytics is the process of examining large and complex data sets that often exceed the computational capabilities r is a leading programming language of data science consisting of powerful functions to tackle all problems related to big data processing the book will begin with a brief introduction to the big data world and its current industry standards with introduction to the r language and presenting its development structure applications in real world and its shortcomings book will progress towards revision of major r functions for data management and transformations readers will be introduce to cloud based big data solutions e g amazon ec2 instances and amazon rds microsoft azure and its hdinsight clusters and also provide guidance on r connectivity with relational and non relational databases such as mongodb and hbase etc it will further expand to include big data tools such as

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the perl resource kit is an invaluable collection of software and documentation for webmasters programmers and system administrators software tools on the cd rom include a commercially enhanced perl compiler written by larry wall creator of perl enhanced database support tools and enhanced perl security modules

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this is the perl entry in our interactive workbook series it will teach basic to intermediate perl programming skills for both unix and windows programmers the author vincent lowe is a perl trainer at sun microsystems

the first book to tie together the commercial world of oracle and the free wheeling world of open source software this guide describes nearly 100 open source tools from the wide applied linux apache to the oracle specific orasoft orac readers learn where to get them their advantages to oracle developers and dbas and how to create and release new open source oracle tools

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