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Time Series Analysis Using SAS Enterprise Guide Categorical Data Analysis Using SAS, Third Edition Statistical Data Analysis Using SAS Conducting Meta-Analysis Using SAS SAS for Data Analysis Data Analysis Using SAS Enterprise Guide Survival Analysis Using SAS Analysis of Clinical Trials Using SAS Practical Time Series Analysis Using SAS Data Preparation for Analytics Using SAS Statistical Analysis of Medical Data Using SAS Data Analysis Using SAS Basic Statistics Using SAS Enterprise Guide Practical Time Series Analysis Using SAS (Hardcover Edition) SAS and R Data Analysis Plans Stock Market Analysis Using the SAS System Survival Analysis Using SAS Text Mining and Analysis Business Survival Analysis Using SAS SAS Essentials Data Mining Using SAS Enterprise Miner Categorical Data Analysis Using the SAS System Categorical Data Analysis Using the SAS System A Handbook of Statistical Graphics Using SAS ODS Multilevel Models Logistic Regression Using SAS Statistical Analysis Using SAS at the USEPA National Computer Center Business Survival Analysis Using SAS Survival Analysis Using the SAS® System SAS For Dummies Applied Medical Statistics Using SAS Essential Statistics Using SAS University Edition Practical Business Analytics Using SAS Data Mining Using SAS Applications Interactive Data Analysis Using SAS/INSIGHT (R) Software Course Notes A Gentle Introduction to Statistics Using SAS Studio in the Cloud Big Data Analytics with SAS Text as Data A Handbook of Statistical Analyses Using SAS

Time Series Analysis Using SAS Enterprise Guide

2020-02-19

this is the first book to present time series analysis using the sas enterprise guide software it includes some starting background and theory to various time series analysis techniques and demonstrates the data analysis process and the final results via step by step extensive illustrations of the sas enterprise guide software this book is a practical guide to time series analyses in sas enterprise guide and is valuable resource that benefits a wide variety of sectors

Categorical Data Analysis Using SAS, Third Edition

2012-07-31

statisticians and researchers will find categorical data analysis using sas third edition by maura stokes charles davis and gary koch to be a useful discussion of categorical data analysis techniques as well as an invaluable aid in applying these methods with sas practical examples from a broad range of applications illustrate the use of the freq logistic genmod npar1way and catmod procedures in a variety of analyses topics discussed include assessing association in contingency tables and sets of tables logistic regression and conditional logistic regression weighted least squares modeling repeated measurements analyses loglinear models generalized estimating equations and bioassay analysis the third edition updates the use of sas stat software to sas stat 12 1 and incorporates ods graphics many additional sas statements and options are employed and graphs such as effect plots odds ratio plots regression diagnostic plots and agreement plots are discussed the material has also been revised and reorganized to reflect the evolution of categorical data analysis strategies additional techniques include such topics as exact poisson regression partial proportional odds models newcombe confidence intervals incidence density ratios and so on this book is part of the sas press program

Statistical Data Analysis Using SAS

2018-04-12

the aim of this textbook previously titled sas for data analytics is to teach the use of sas for statistical analysis of data for advanced undergraduate and graduate students in statistics data science and disciplines involving analyzing data the book begins with an introduction beyond the basics of sas illustrated with non trivial real world worked examples it proceeds to sas programming and applications sas graphics statistical analysis of regression models analysis of variance models analysis of variance with random and mixed effects models and then takes the discussion beyond regression and analysis of variance to conclude pedagogically the authors introduce theory and methodological basis topic by topic present a problem as an application followed by a sas analysis of the data provided and a discussion of results the text focuses on applied statistical problems and methods key features include end of chapter exercises downloadable sas code and data sets and advanced material suitable for a second course in applied statistics with every method explained using sas analysis to illustrate a real world problem new to this edition covers sas v9 2 and incorporates new commands uses sas ods output delivery system for reproduction of tables and graphics output presents new commands needed to produce ods output all chapters rewritten for clarity new and updated examples throughout all sas outputs are new and updated including graphics more exercises and problems completely new chapter on analysis of nonlinear and generalized linear models completely new appendix mervyn g marasinghe phd is associate professor emeritus of statistics at iowa state university where he has taught courses in statistical methods and statistical computing kenneth j koehler phd is university professor of statistics at iowa state university where he teaches courses in statistical methodology at both graduate and undergraduate levels and primarily uses sas to supplement his teaching

Conducting Meta-Analysis Using SAS

2001-06-01

conducting meta analysis using sas reviews the meta analysis statistical procedure and shows the reader how to conduct one using sas it presents and illustrates the use of the proc means procedure in sas to perform the data computations called for by the two most commonly used meta analytic procedures the hunter schmidt and glassian approaches this book serves as both an operational guide and user s manual by describing and explaining the meta analysis procedures and then presenting the appropriate sas program code for computing the pertinent statistics the practical step

by step instructions quickly prepare the reader to conduct a meta analysis sample programs available on the further aid the reader in understanding the material intended for researchers students instructors and practitioners interested in conducting a meta analysis the presentation of both formulas and their associated sas program code keeps the reader and user in touch with technical aspects of the meta analysis process the book is also appropriate for advanced courses in meta analysis psychology education management and other applied social and health sciences departments

SAS for Data Analysis

2008-12-10

this book is intended for use as the textbook in a second course in applied statistics that covers topics in multiple regression and analysis of variance at an intermediate level generally students enrolled in such courses are primarily graduate majors or advanced undergraduate students from a variety of disciplines these students typically have taken an introductory level statistical methods course that requires the use a software system such as sas for performing statistical analysis thus students are expected to have an understanding of basic concepts of statistical inference such as estimation and hypothesis testing understandably adequate time is not available in a first course in statistical methods to cover the use of a software system adequately in the amount of time available for instruction the aim of this book is to teach how to use the sas system for data analysis the sas language is introduced at a level of sophistication not found in most introductory sas books important features such as sas data step programming pointers and line hold spe ers are described in detail the powerful graphics support available in sas is emphasized throughout and many worked sas program examples contain graphic components

Data Analysis Using SAS Enterprise Guide

2009

this book presents the basic procedures for using sas enterprise guide to analyse statistical data

Survival Analysis Using SAS

2010-03-29

easy to read and comprehensive survival analysis using sas a practical guide second edition by paul d allison is an accessible data based introduction to methods of survival analysis researchers who want to analyze survival data with sas will find just what they need with this fully updated new edition that incorporates the many enhancements in sas procedures for survival analysis in sas 9 although the book assumes only a minimal knowledge of sas more experienced users will learn new techniques of data input and manipulation numerous examples of sas code and output make this an eminently practical book ensuring that even the uninitiated become sophisticated users of survival analysis the main topics presented include censoring survival curves kaplan meier estimation accelerated failure time models cox regression models and discrete time analysis also included are topics not usually covered in survival analysis books such as time dependent covariates competing risks and repeated events survival analysis using sas a practical guide second edition has been thoroughly updated for sas 9 and all figures are presented using ods graphics this new edition also documents major enhancements to the strata statement in the lifetest procedure includes a section on the probplot command which offers graphical methods to evaluate the fit of each parametric regression model introduces the new bayes statement for both parametric and cox models which allows the user to do a bayesian analysis using mcmc methods demonstrates the use of the counting process syntax as an alternative method for handling time dependent covariates contains a section on cumulative incidence functions and describes the use of the new glimmix procedure to estimate random effects models for discrete time data this book is part of the sas press program

Analysis of Clinical Trials Using SAS

2017-07-17

analysis of clinical trials using sas a practical guide second edition bridges the gap between modern statistical methodology and real world clinical trial applications tutorial material and step by step instructions illustrated with examples from actual trials serve to define relevant statistical approaches describe their clinical trial

applications and implement the approaches rapidly and efficiently using the power of sas topics reflect the international conference on harmonization ich guidelines for the pharmaceutical industry and address important statistical problems encountered in clinical trials commonly used methods are covered including dose escalation and dose finding methods that are applied in phase i and phase ii clinical trials as well as important trial designs and analysis strategies that are employed in phase ii and phase iii clinical trials such as multiplicity adjustment data monitoring and methods for handling incomplete data this book also features recommendations from clinical trial experts and a discussion of relevant regulatory guidelines this new edition includes more examples and case studies new approaches for addressing statistical problems and the following new technological updates sas procedures used in group sequential trials `proc seqdesign` and `proc seqtest` sas procedures used in repeated measures analysis `proc glimmix` and `proc gee` macros for implementing a broad range of randomization based methods in clinical trials performing complex multiplicity adjustments and investigating the design and analysis of early phase trials phase i dose escalation trials and phase ii dose finding trials clinical statisticians research scientists and graduate students in biostatistics will greatly benefit from the decades of clinical research experience and the ready to use sas macros compiled in this book

Practical Time Series Analysis Using SAS

2013

anders milhøj's practical time series analysis using sas explains and demonstrates through examples how you can use sas for time series analysis it offers modern procedures for forecasting seasonal adjustments and decomposition of time series that can be used without involved statistical reasoning the book teaches with numerous examples how to apply these procedures with very simple coding in addition it also gives the statistical background for interested readers beginning with an introductory chapter that covers the practical handling of time series data in sas using the `timeseries` and `expand` procedures it goes on to explain forecasting which is found in the `esm` procedure seasonal adjustment including trading day correction using `proc x12` and unobserved component models using the `ucm` procedure this book is part of the sas press program

Data Preparation for Analytics Using SAS

2006-11-27

written for anyone involved in the data preparation process for analytics gerhard svolba s data preparation for analytics using sas offers practical advice in the form of sas coding tips and tricks and provides the reader with a conceptual background on data structures and considerations from a business point of view the tasks addressed include viewing analytic data preparation in the context of its business environment identifying the specifics of predictive modeling for data mart creation understanding the concepts and considerations of data preparation for time series analysis using various sas procedures and sas enterprise miner for scoring creating meaningful derived variables for all data mart types using powerful sas macros to make changes among the various data mart structures and more

Statistical Analysis of Medical Data Using SAS

2005-09-20

statistical analysis is ubiquitous in modern medical research logistic regression generalized linear models random effects models and cox s regression all have become commonplace in the medical literature but while statistical software such as sas make routine application of these techniques possible users who are not primarily statisticians

Data Analysis Using SAS

2008-08-28

data analysis using sas offers a comprehensive core text focused on key concepts and techniques in quantitative data analysis using the most current sas commands and programming language the coverage of the text is more evenly balanced among statistical analysis sas programming and data file management than any available text on the market it provides students with a hands on exercise heavy method for learning basic to intermediate sas commands while understanding how to apply statistics and reasoning to real world problems designed to be used in order of teaching

preference by instructor the book is comprised of two primary sections the first half of the text instructs students in techniques for data and file managements such as concatenating and merging files conditional or repetitive processing of variables and observations the second half of the text goes into great depth on the most common statistical techniques and concepts descriptive statistics correlation analysis of variance and regression used to analyze data in the social behavioral and health sciences using sas commands a student study at sagepub com pengstudy comes replete with a multitude of computer programs their output specific details on how to check assumptions as well as all data sets used in the book data analysis using sas is a complete resource for data analysis i and ii statistics i and ii quantitative reasoning and sas programming courses across the social and behavioral sciences and health especially those that carry a lab component

Basic Statistics Using SAS Enterprise Guide

2019-08-02

now it s easy to perform many of the most common statistical techniques when you use the sas enterprise guide point and click interface to access the power of sas emphasizing the practical aspects of the analysis geoff der and brian everitt s basic statistics using sas enterprise guide a primer shows you how to conduct a wide range of statistical analyses without any sas programming required one or more real data sets a brief introduction of the technique and a clear explanation of the sas enterprise guide output are provided for each analysis exercises at the end of each chapter help you consolidate what has been learned topics include analysis of variance dealing with categorical data logistic regression regression significance tests survival analysis and more this text is ideal for those who want to use sas to analyze their data but do not have the time to undertake the considerable amount of learning involved in the programming approach

Practical Time Series Analysis Using SAS (Hardcover Edition)

2013-04

anders milhøj s practical time series analysis using sas explains and demonstrates

through examples how you can use sas for time series analysis it offers modern procedures for forecasting seasonal adjustments and decomposition of time series that can be used without involved statistical reasoning the book teaches with numerous examples how to apply these procedures with very simple coding in addition it also gives the statistical background for interested readers beginning with an introductory chapter that covers the practical handling of time series data in sas using the timeseries and expand procedures it goes on to explain forecasting which is found in the esm procedure seasonal adjustment including trading day correction using proc x12 and unobserved component models using the ucm procedure this book is part of the sas press program

SAS and R

2014-07-17

an up to date all in one resource for using sas and r to perform frequent tasks the first edition of this popular guide provided a path between sas and r using an easy to understand dictionary like approach retaining the same accessible format sas and r data management statistical analysis and graphics second edition explains how to easily perform an analytical task in both sas and r without having to navigate through the extensive idiosyncratic and sometimes unwieldy software documentation the book covers many common tasks such as data management descriptive summaries inferential procedures regression analysis and graphics along with more complex applications new to the second edition this edition now covers rstudio a powerful and easy to use interface for r it incorporates a number of additional topics including using application program interfaces apis accessing data through database management systems using reproducible analysis tools and statistical analysis with markov chain monte carlo mcmc methods and finite mixture models it also includes extended examples of simulations and many new examples enables easy mobility between the two systems through the extensive indexing and cross referencing users can directly find and implement the material they need sas users can look up tasks in the sas index and then find the associated r code while r users can benefit from the r index in a similar manner numerous example analyses demonstrate the code in action and facilitate further exploration the datasets and code are available for download on the book s website

Data Analysis Plans

2019-08-12

data analysis plans a blueprint for success using sas gets you started on building an effective data analysis plan with a solid foundation for planning and managing your analytics projects data analysis plans are critical to the success of analytics projects and can improve the workflow of your project when implemented effectively this book provides step by step instructions on writing implementing and updating your data analysis plan it emphasizes the concept of an analysis plan as a working document that you update throughout the life of a project this book will help you manage the following tasks control client expectations limit and refine the scope of the analysis enable clear communication and understanding among team members organize and develop your final report sas users of any level of experience will benefit from this book but beginners will find it extremely useful as they build foundational knowledge for performing data analysis and hypotheses testing subject areas include medical research public health research social studies educational testing and evaluation and environmental studies

Stock Market Analysis Using the SAS System

1995

improve your market timing and investment strategies by using sas for technical analysis of stock market data numerous step by step examples show you how to generate practical results easily and quickly topics include forecasting with time series models using crossover models to generate trading signals calculating and using of price and volume rates of change momentum and relative strength indicators and a variety of other indicators this book is designed for users with little previous experience with sas who want to perform technical analysis of stock market data

Survival Analysis Using SAS

2010

estimation of survival probabilities confidence intervals and bands mean life median

life basic plots estimates of hazards log survival etc basic plots tests of equality of groups

Text Mining and Analysis

2014-11-22

big data it s unstructured it s coming at you fast and there s lots of it in fact the majority of big data is text oriented thanks to the proliferation of online sources such as blogs emails and social media however having big data means little if you can t leverage it with analytics now you can explore the large volumes of unstructured text data that your organization has collected with text mining and analysis practical methods examples and case studies using sas this hands on guide to text analytics using sas provides detailed step by step instructions and explanations on how to mine your text data for valuable insight through its comprehensive approach you ll learn not just how to analyze your data but how to collect cleanse organize categorize explore and interpret it as well text mining and analysis also features an extensive set of case studies so you can see examples of how the applications work with real world data from a variety of industries text analytics enables you to gain insights about your customers behaviors and sentiments leverage your organization s text data and use those insights for making better business decisions with text mining and analysis this book is part of the sas press program

Business Survival Analysis Using SAS

2019-07-03

solve business problems involving time to event and resulting probabilities by following the modeling tutorials in business survival analysis using sas an introduction to lifetime probabilities the first book to be published in the field of business survival analysis survival analysis is a challenge books applying to health sciences exist but nothing about survival applications for business has been available until now written for analysts forecasters econometricians and modelers who work in marketing or credit risk and have little sas modeling experience business survival analysis using sas builds on a foundation of sas code that works in any survival model and features numerous annotated graphs coefficients and statistics linked to real business situations

and data sets this guide also helps recent graduates who know the statistics but do not necessarily know how to apply them get up and running in their jobs by example it teaches the techniques while avoiding advanced theoretical underpinnings so that busy professionals can rapidly deliver a survival model to meet common business needs from first principles this book teaches survival analysis by highlighting its relevance to business cases a pragmatic introduction to survival analysis models it leads you through business examples that contextualize and motivate the statistical methods and sas coding specifically it illustrates how to build a time to next purchase survival model in sas enterprise miner and it relates each step to the underlying statistics and to base sas and sas stat software following the many examples from data preparation to validation to scoring new customers you will learn to develop and apply survival analysis techniques to scenarios faced by companies in the financial services insurance telecommunication and marketing industries including the following scenarios time to next purchase for marketing employer turnover for human resources small business portfolio macroeconomic stress tests for banks international financial reporting standard ifrs 9 lifetime probability of default for banks and building societies churn or attrition models for the telecommunications and insurance industries

SAS Essentials

2015-08-17

a step by step introduction to using sas statistical software as a foundational approach to data analysis and interpretation presenting a straightforward introduction from the ground up sas essentials mastering sas for data analytics second edition illustrates sas using hands on learning techniques and numerous real world examples keeping different experience levels in mind the highly qualified author team has developed the book over 20 years of teaching introductory sas courses divided into two sections the first part of the book provides an introduction to data manipulation statistical techniques and the sas programming language the second section is designed to introduce users to statistical analysis using sas procedures featuring self contained chapters to enhance the learning process the second edition also includes programming approaches for the most up to date version of the sas platform including information on how to use the sas university edition discussions to illustrate the concepts and highlight key fundamental computational skills that are utilized by business government and organizations alike new chapters on reporting results in

tables and factor analysis additional information on the data step for data management with an emphasis on importing data from other sources combining data sets and data cleaning updated anova and regression examples as well as other data analysis techniques a companion website with the discussed data sets additional code and related powerpoint slides sas essentials mastering sas for data analytics second edition is an ideal textbook for upper undergraduate and graduate level courses in statistics data analytics applied sas programming and statistical computer applications as well as an excellent supplement for statistical methodology courses the book is an appropriate reference for researchers and academicians who require a basic introduction to sas for statistical analysis and for preparation for the basic sas certification exam

Data Mining Using SAS Enterprise Miner

2007-08-03

the most thorough and up to date introduction to data mining techniques using sas enterprise miner the sample explore modify model and assess semma methodology of sas enterprise miner is an extremely valuable analytical tool for making critical business and marketing decisions until now there has been no single authoritative book that explores every node relationship and pattern that is a part of the enterprise miner software with regard to semma design and data mining analysis data mining using sas enterprise miner introduces readers to a wide variety of data mining techniques and explains the purpose of and reasoning behind every node that is a part of the enterprise miner software each chapter begins with a short introduction to the assortment of statistics that is generated from the various nodes in sas enterprise miner v4 3 followed by detailed explanations of configuration settings that are located within each node features of the book include the exploration of node relationships and patterns using data from an assortment of computations charts and graphs commonly used in sas procedures a step by step approach to each node discussion along with an assortment of illustrations that acquaint the reader with the sas enterprise miner working environment descriptive detail of the powerful score node and associated sas code which showcases the important of managing editing executing and creating custom designed score code for the benefit of fair and comprehensive business decision making complete coverage of the wide variety of statistical techniques that can be performed using the semma nodes an accompanying site that provides downloadable score code training code and data sets for further implementation manipulation and

interpretation as well as sas iml software programming code this book is a well crafted study guide on the various methods employed to randomly sample partition graph transform filter impute replace cluster and process data as well as interactively group and iteratively process data while performing a wide variety of modeling techniques within the process flow of the sas enterprise miner software data mining using sas enterprise miner is suitable as a supplemental text for advanced undergraduate and graduate students of statistics and computer science and is also an invaluable all encompassing guide to data mining for novice statisticians and experts alike

Categorical Data Analysis Using the SAS System

2001

discusses hypothesis testing strategies for the assessment of association in contingency tables and sets of contingency tables also discusses various modeling strategies available for describing the nature of the association between a categorical outcome measure and a set of explanatory variables

Categorical Data Analysis Using the SAS System

2000

easily use sas to produce your graphics diagrams plots and other types of graphics are indispensable components in nearly all phases of statistical analysis from the initial assessment of the data to the selection of appropriate statistical models to the diagnosis of the chosen models once they have been fitted to the data harnessing the full graphics capabilities of sas a handbook of statistical graphics using sas ods covers essential graphical methods needed in every statistician's toolkit it explains how to implement the methods using sas 9.4 the handbook shows how to use sas to create many types of statistical graphics for exploring data and diagnosing fitted models it uses sas's newer ods graphics throughout as this system offers a number of advantages including ease of use high quality of results consistent appearance and convenient semiautomatic graphs from the statistical procedures each chapter deals graphically with several sets of example data from a wide variety of areas such as epidemiology medicine and psychology these examples illustrate the use of graphic displays to give an overview of data to suggest possible hypotheses for testing new data and to

interpret fitted statistical models the sas programs and data sets are available online

A Handbook of Statistical Graphics Using SAS ODS

2014-08-15

interest in multilevel statistical models for social science and public health studies has been aroused dramatically since the mid 1980s new multilevel modeling techniques are giving researchers tools for analyzing data that have a hierarchical or clustered structure multilevel models are now applied to a wide range of studies in sociology population studies education studies psychology economics epidemiology and public health this book covers a broad range of topics about multilevel modeling the goal of the authors is to help students and researchers who are interested in analysis of multilevel data to understand the basic concepts theoretical frameworks and application methods of multilevel modeling the book is written in non mathematical terms focusing on the methods and application of various multilevel models using the internationally widely used statistical software the statistics analysis system sas examples are drawn from analysis of real world research data the authors focus on twolevel models in this book because it is most frequently encountered situation in real research these models can be readily expanded to models with three or more levels when applicable a wide range of linear and non linear multilevel models are introduced and demonstrated

Multilevel Models

2011-12-23

if you are a researcher or student with experience in multiple linear regression and want to learn about logistic regression paul allison s logistic regression using sas theory and application second edition is for you informal and nontechnical this book both explains the theory behind logistic regression and looks at all the practical details involved in its implementation using sas several real world examples are included in full detail this book also explains the differences and similarities among the many generalizations of the logistic regression model the following topics are covered binary logistic regression logit analysis of contingency tables multinomial logit analysis ordered logit analysis discrete choice analysis and poisson regression other highlights

include discussions on how to use the genmod procedure to do loglinear analysis and gee estimation for longitudinal binary data only basic knowledge of the sas data step is assumed the second edition describes many new features of proc logistic including conditional logistic regression exact logistic regression generalized logit models roc curves the oddsratio statement for analyzing interactions and the effectplot statement for graphing nonlinear effects also new is coverage of proc surveylogistic for complex samples proc glimmix for generalized linear mixed models proc qlim for selection models and heterogeneous logit models and proc mdc for advanced discrete choice models this book is part of the sas press program

Logistic Regression Using SAS

2012-03-30

solve business problems involving time to event and resulting probabilities by following the modeling tutorials in business survival analysis using sas an introduction to lifetime probabilities the first book to be published in the field of business survival analysis survival analysis is a challenge books applying to health sciences exist but nothing about survival applications for business has been available until now written for analysts forecasters econometricians and modelers who work in marketing or credit risk and have little sas modeling experience business survival analysis using sas builds on a foundation of sas code that works in any survival model and features numerous annotated graphs coefficients and statistics linked to real business situations and data sets this guide also helps recent graduates who know the statistics but do not necessarily know how to apply them get up and running in their jobs by example it teaches the techniques while avoiding advanced theoretical underpinnings so that busy professionals can rapidly deliver a survival model to meet common business needs from first principles this book teaches survival analysis by highlighting its relevance to business cases a pragmatic introduction to survival analysis models it leads you through business examples that contextualize and motivate the statistical methods and sas coding specifically it illustrates how to build a time to next purchase survival model in sas enterprise miner and it relates each step to the underlying statistics and to base sas and sas stat software following the many examples from data preparation to validation to scoring new customers you will learn to develop and apply survival analysis techniques to scenarios faced by companies in the financial services insurance telecommunication and marketing industries including the following scenarios time

to next purchase for marketing employer turnover for human resources small business portfolio macroeconomic stress tests for banks international financial reporting standard ifrs 9 lifetime probability of default for banks and building societies churn or attrition models for the telecommunications and insurance industries

Statistical Analysis Using SAS at the USEPA National Computer Center

1981

the fun and easy way to learn to use this leading business intelligence tool written by an author team who is directly involved with sas this easy to follow guide is fully updated for the latest release of sas and covers just what you need to put this popular software to work in your business sas allows any business or enterprise to improve data delivery analysis reporting movement across a company data mining forecasting statistical analysis and more sas for dummies 2nd edition gives you the necessary background on what sas can do for you and explains how to use the enterprise guide sas provides statistical and data analysis tools to help you deal with all kinds of data operational financial performance and more places special emphasis on enterprise guide and other analytical tools covering all commonly used features covers all commonly used features and shows you the practical applications you can put to work in your business explores how to get various types of data into the software and how to work with databases covers producing reports and reporting tools analytics macros and working with your data in the easy to follow no nonsense for dummies format sas for dummies gives you the knowledge and the confidence to get sas working for your organization note cd rom dvd and other supplementary materials are not included as part of ebook file

Business Survival Analysis Using SAS

2022-01-27

written with medical statisticians and medical researchers in mind this intermediate level reference explores the use of sas for analyzing medical data applied medical statistics using sas covers the whole range of modern statistical methods used in the analysis of medical data including regression analysis of variance and covariance

longitudi

Survival Analysis Using the SAS® System

2000

students and instructors of statistics courses using sas university edition will welcome this book learning fundamental statistics is essential to solving problems with sas essential statistics using sas university edition demonstrates how to use sas university edition to apply a variety of statistical methodologies from the simple to the not so simple to a range of data sets learn how to apply the appropriate statistical method to answer a particular question about a data set and correctly interpret the numerical results that you obtain sas university edition users who are new to sas or who need a refresher course will benefit from the statistics overview and topics such as multiple linear regression logistic regression and poisson regression

SAS For Dummies

2010-03-16

practical business analytics using sas a hands on guide shows sas users and businesspeople how to analyze data effectively in real life business scenarios the book begins with an introduction to analytics analytical tools and sas programming the authors both sas statistics analytics and big data experts first show how sas is used in business and then how to get started programming in sas by importing data and learning how to manipulate it besides illustrating sas basic functions you will see how each function can be used to get the information you need to improve business performance each chapter offers hands on exercises drawn from real business situations the book then provides an overview of statistics as well as instruction on exploring data preparing it for analysis and testing hypotheses you will learn how to use sas to perform analytics and model using both basic and advanced techniques like multiple regression logistic regression and time series analysis among other topics the book concludes with a chapter on analyzing big data illustrations from banking and other industries make the principles and methods come to life readers will find just enough theory to understand the practical examples and case studies which cover all industries written for a corporate it and programming audience that wants to upgrade

skills or enter the analytics field this book includes more than 200 examples and exercises including code and datasets for practice relevant examples for all industries case studies that show how to use sas analytics to identify opportunities solve complicated problems and chart a course practical business analytics using sas a hands on guide gives you the tools you need to gain insight into the data at your fingertips predict business conditions for better planning and make excellent decisions whether you are in retail finance healthcare manufacturing government or any other industry this book will help your organization increase revenue drive down costs improve marketing and satisfy customers better than ever before

Applied Medical Statistics Using SAS

2012-10-01

most books on data mining focus on principles and furnish few instructions on how to carry out a data mining project data mining using sas applications not only introduces the key concepts but also enables readers to understand and successfully apply data mining methods using powerful yet user friendly sas macro call files these methods stress the use of visualization to thoroughly study the structure of data and check the validity of statistical models fitted to data learn how to convert pc databases to sas data discover sampling techniques to create training and validation samples understand frequency data analysis for categorical data explore supervised and unsupervised learning master exploratory graphical techniques acquire model validation techniques in regression and classification the text furnishes 13 easy to use sas data mining macros designed to work with the standard sas modules no additional modules or previous experience in sas programming is required the author shows how to perform complete predictive modeling including data exploration model fitting assumption checks validation and scoring new data on sas datasets in less than ten minutes

Essential Statistics Using SAS University Edition

2019-06-28

point and click your way to performing statistics many people are intimidated by learning statistics but a gentle introduction to statistics using sas studio in the cloud is here to help whether you need to perform statistical analysis for a project or perhaps

for a course in education psychology sociology economics or any other field that requires basic statistical skills this book teaches the fundamentals of statistics from designing your experiment through calculating logistic regressions serving as an introduction to many common statistical tests and principles it explains concepts in an intuitive way with little math and very few formulas the book is full of examples demonstrating the use of sas studio s easy point and click interface accessed with sas ondemand for academics an online delivery platform for teaching and learning statistical analysis that provides free access to sas software via the cloud topics included in this book are how to access sas ondemand for academics descriptive statistics one sample tests t tests for independent or paired samples one way analysis of variance anova n way anova correlation analysis simple and multiple linear regression binary logistic regression categorical data including two way tables and chi square power and sample size calculations questions are provided to test your knowledge and practice your skills

Practical Business Analytics Using SAS

2015-05-05

leverage the capabilities of sas to process and analyze big data about this book combine sas with platforms such as hadoop sap hana and cloud foundry based platforms for efficient big data analytics learn how to use the web browser based sas studio and ipython jupyter notebook interfaces with sas practical real world examples on predictive modeling forecasting optimizing and reporting your big data analysis with sas who this book is for sas professionals and data analysts who wish to perform analytics on big data using sas to gain actionable insights will find this book to be very useful if you are a data science professional looking to perform large scale analytics with sas this book will also help you a basic understanding of sas will be helpful but is not mandatory what you will learn configure a free version of sas in order do hands on exercises dealing with data management analysis and reporting understand the basic concepts of the sas language which consists of the data step for data preparation and procedures or procs for analysis make use of the web browser based sas studio and ipython jupyter notebook interfaces for coding in the sas ds2 and fedsql programming languages understand how the ds2 programming language plays an important role in big data preparation and analysis using sas integrate and work efficiently with big data platforms like hadoop sap hana and cloud foundry based systems in detail sas has

been recognized by money magazine and payscale as one of the top business skills to learn in order to advance one's career through innovative data management analytics and business intelligence software and services sas helps customers solve their business problems by allowing them to make better decisions faster this book introduces the reader to the sas and how they can use sas to perform efficient analysis on any size data including big data the reader will learn how to prepare data for analysis perform predictive forecasting and optimization analysis and then deploy or report on the results of these analyses while performing the coding examples within this book the reader will learn how to use the web browser based sas studio and ipython jupyter notebook interfaces for working with sas finally the reader will learn how sas's architecture is engineered and designed to scale up and or out and be combined with the open source offerings such as hadoop python and r by the end of this book you will be able to clearly understand how you can efficiently analyze big data using sas style and approach the book starts off by introducing the reader to sas and the sas programming language which provides data management analytical and reporting capabilities most chapters include hands on examples which highlights how sas provides the power to know the reader will learn that if they are looking to perform large scale data analysis that sas provides an open platform engineered and designed to scale both up and out which allows the power of sas to combine with open source offerings such as hadoop python and r

Data Mining Using SAS Applications

2010-12-12

text as data combining qualitative and quantitative algorithms within the sas system for accurate effective and understandable text analytics the need for powerful accurate and increasingly automatic text analysis software in modern information technology has dramatically increased fields as diverse as financial management fraud and cybercrime prevention pharmaceutical r d social media marketing customer care and health services are implementing more comprehensive text inclusive analytics strategies text as data computational methods of understanding written expression using sas presents an overview of text analytics and the critical role sas software plays in combining linguistic and quantitative algorithms in the evolution of this dynamic field drawing on over two decades of experience in text analytics authors barry deville and gurpreet singh bawa examine the evolution of text mining and cloud

based solutions and the development of sas visual text analytics by integrating quantitative data and textual analysis with advanced computer learning principles the authors demonstrate the combined advantages of sas compared to standard approaches and show how approaching text as qualitative data within a quantitative analytics framework produces more detailed accurate and explanatory results understand the role of linguistics machine learning and multiple data sources in the text analytics workflow understand how a range of quantitative algorithms and data representations reflect contextual effects to shape meaning and understanding access online data and code repositories videos tutorials and case studies learn how sas extends quantitative algorithms to produce expanded text analytics capabilities redefine text in terms of data for more accurate analysis this book offers a thorough introduction to the framework and dynamics of text analytics and the underlying principles at work and provides an in depth examination of the interplay between qualitative linguistic and quantitative data driven aspects of data analysis the treatment begins with a discussion on expression parsing and detection and provides insight into the core principles and practices of text parsing theme and topic detection it includes advanced topics such as contextual effects in numeric and textual data manipulation fine tuning text meaning and disambiguation as the first resource to leverage the power of sas for text analytics text as data is an essential resource for sas users and data scientists in any industry or academic application

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updated to reflect sas 9 2 a handbook of statistical analyses using sas third edition continues to provide a straightforward description of how to conduct various statistical analyses using sas each chapter shows how to use sas for a particular type of analysis the authors cover inference analysis of variance regression generalized linear models longitudinal data survival analysis principal components analysis factor analysis cluster analysis discriminant function analysis and correspondence analysis they demonstrate the analyses through real world examples including methadone maintenance treatment the relation of cirrhosis deaths to alcohol consumption a sociological study of children heart transplant treatment and crime rate determinants with the data sets

and sas code available online this book remains the go to resource for learning how to use sas for many kinds of statistical analysis it serves as a stepping stone to the wider resources available to sas users

A Gentle Introduction to Statistics Using SAS Studio in the Cloud

2021-05-07

Big Data Analytics with SAS

2017-11-23

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