Sas Sugi Papers

An abundance of real-world examples highlights Lauren Haworth's PROC TABULATE by Example. Beginning and intermediate SAS users will find this step-by-step guide to producing tables and reports using the TABULATE procedure both convenient and inviting. Applications are presented in a self-contained, two-page layout; discussion material and sample code are on one page, and the resulting tables are on the facing page. Topics are presented in order of increasing complexity, making this an excellent training manual or self-tutorial. The concise format also makes this a quick reference guide for specific applications for more advanced users. A very handy section on common problems and their solutions is also included. With this book, you will quickly learn how to generate tables using macros, create tables using SAS/ASSIST software, present output on the Internet, handle percentages and missing data, modify row and column headings, and produce one-, two-, and three-dimensional tables using PROC TABULATE. Also provided are more advanced tips on complex formatting and exporting PROC TABULATE to other applications.

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 Web 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.

Statistical Data Mining Using SAS Applications, Second Edition describes statistical data mining concepts and demonstrates the features of user-friendly data mining SAS tools. Integrating the statistical and graphical analysis tools available in SAS systems, the book provides complete statistical data mining solutions without writing SAS program co

Background; Shaping the report layout; Report with statistcs; Basic report enhancements; Customizing columm headers; Adding variables that are not in the input data set; Working with groups of observations; Working with the report as a whole; Calculating percentages; The report language; How proc report builds a report.

Implementing CDISC Using SAS

Statistical Data Mining Using SAS Applications

Concepts and Case Studies in Data Management

The Little SAS Book

Techniques for Building Professional Reports Using SAS

SAS/GRAPH

Are you a programmer, statistician, or data analyst tasked with generating reports? Discover how you can put the powerful FORMAT procedure to work for you with The Power of PROC FORMAT. Written in an easy-to-follow tutorial style and illustrated with real-world examples and solutions, this handy guide introduces beginning to intermediate SAS users to the functionality of the FORMAT procedure. Learn how the FORMAT procedure can recategorize data values while doing a variety of tasks, including building user-defined formats and informats, implementing a table lookup in SAS, using the DATA step and other SAS procedures, assigning descriptive labels to data values, creating new variables and finding unexpected values, generating data extracts, and merging data sets.

Would you like to be a top SAS programmer? Would you like to be the person that other SAS programmers turn to for solutions to programming problems? If so, then How to Become a Top SAS Programmer, written by Michael Raithel is the book for you. This self-help book provides invaluable strategies for enhancing your SAS programming skills and introduces you to a wide variety of SAS resources that are readily available to you. Inside this book, you will learn: □ what makes a top SAS programmer □ fundamentals that every top SAS programmer should master □ ideas for advancing your SAS career within your organization □ where to find SAS documentation to learn new programming techniques □ how to participate in local and regional SAS user groups and SAS Global Forum □ how to make SAS training and certification work for you □ how to take part in SAS virtual communities to learn, contribute, and become well-known □ ?and much more

Want to increase your SAS acumen, solidify the use of SAS in your organization, be a greater benefit to your organization as a SAS programmer, contribute to the world-wide SAS community, and enjoy good career growth? Michael?s book will help the novice SAS programmer or a seasoned professional to do all that and more. Start reading it now and become the top SAS programmer in your organization who everyone goes to for insight and guidance into the many aspects of the SAS world! SAS Products and Releases: Base SAS: 9.3 SAS Enterprise Guide: 9.1.3, 9.1.2, 9.1, 9.0 SAS/GRAPH: 9.3 SAS/STAT: 9.3 Operating Systems: All

Learn how to work smart in planning and conducting research projects with this new resource for successful research data management (ROM). You can read about basic concepts and techniques of RDM and then see them illustrated in case studies from a variety of research fields. Readers with some experience leading research projects and an understanding of programming basics will value both the theoretical and the practical information provided here. In addition to ROM methodology and four case studies, the book features a concise list of tips to remember at the end of each concepts chapter, an appendix with SAS programming tips, and a list of recommended supplemental texts, including SAS manuals and SUGI papers. Ideal for researchers in the field and the classroom.

Significantly reduce MVS resource overhead by tuning your SAS applications! This book reveals the secrets of exploiting the MVS environment to create and tune efficient SAS applications. Programmers at every level will learn how to take advantage of performance tools that make tuning easy. Topics include using MVS performance metrics; efficiently storing SAS data sets and sequential data sets on DASD and tape; using buffer number, buffer size, indexes, and data compression to improve performance; optimizing VSAM

processing, using the stored program facility to reduce compile time; and exploiting MVS hiperspaces to reduce processor overhead. A section devoted to MVS environmental factors unrelated to SAS provides readers with an understanding of MVS events that may affect their application performance every day. SAS programmers working with business, scientific, statistical, or pharmaceutical applications under MVS will appreciate this book's comprehensive focus on efficiency issues in that environment.

Simply the Basics

Visualizing Categorical Data

Tuning SAS Applications in the MVS Environment

Annotate

Analyzing Health Data in R for SAS Users

Carpenter's Complete Guide to the SAS Macro Language, Third Edition

Hash tables can do a lot more than you might think! Data Management Solutions Using SAS Hash Table Operations: A Business Intelligence Case Study concentrates on solving your challenging data management and analysis problems via the power of the SAS hash object, whose environment and tools make it possible to create complete dynamic solutions. To this end, this book provides an in-depth overview of the hash table as an in-memory database with the CRUD (Create, Retrieve, Update, Delete) cycle rendered by the hash object tools. By using this concept and focusing on real-world problems exemplified by sports data sets and statistics, this book seeks to help you take advantage of the hash object productively, in

particular, but not limited to, the following tasks: select proper hash tools to perform hash table operations use proper hash table operations to support specific data management tasks use the dynamic, run-time nature of hash object programming understand the algorithmic principles behind hash table data look-up, retrieval, and aggregation learn how to perform data aggregation, for which the hash object is exceptionally well suited manage the hash table memory footprint, especially when processing big data use hash object techniques for other data processing tasks, such as filtering, combining, splitting, sorting, and unduplicating. Using this book, you will be able to answer your toughest questions quickly and in the most efficient way possible!

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.

Incorporating broad coverage of the best ODS features in one book, this work goes beyond Haworth's original ODS text to demonstrate the many new and enhanced features of ODS and SAS 9.2. It presents each of the wide array of ODS techniques in an easy-to-use, two-page layout.

Robert Allison's SAS/GRAPH: Beyond the Basics collects examples that demonstrate a variety of techniques you can use to create custom graphs using SAS/GRAPH software. SAS/GRAPH is known for its flexibility and power, but few people know how to use it to its full potential. Written for the SAS programmer with experience using Base SAS to work with data, the book includes examples that can be used in a variety of industry sectors. SAS/GRAPH: Beyond the Basics will help you create the exact graph you want.SAS Products

and Releases: SAS/GRAPH: 9.3 Operating Systems: All
Using the REPORT Procedure in a Nonwindowing Environment
How to Become a Top SAS Programmer
Beyond the Basics
Data Management Solutions Using SAS Hash Table Operations
Security Administration Guide
A Business Intelligence Case Study

Sanjay Matange and Dan Heath's Statistical Graphics Procedures by Example: Effective Graphs Using SAS shows the innumerable capabilities of SAS Statistical Graphics (SG) procedures. The authors begin with a general discussion of the principles of effective graphics, ODS Graphics, and the SG procedures. They then move on to show examples of the procedures' many features. The book is designed so that you can easily flip through it, find the graph you need, and view the code right next to the example. Among the topics included are how to combine plot statements to create custom graphs; customizing graph axes, legends, and insets; advanced features, such as annotation and attribute maps; tips and tricks for creating the optimal graph for the intended usage; real-world examples from the health and life sciences domain; and ODS styles. The procedures in Statistical Graphics Procedures by Example

are specifically designed for the creation of analytical graphs. That makes this book a must-read for analysts and statisticians in the health care, clinical trials, financial, and insurance industries. However, you will find that the examples here apply to all fields. This book is part of the SAS Press program.
Praise for previous editions: "Gandrud has written a great outline of how a fully reproducible research project should look from start to finish, with brief explanations of each tool that he uses along the way... Advanced undergraduate students in mathematics, statistics, and similar fields as well as students just beginning their graduate studies would benefit the most from reading this book. Many more experienced R users or second-year graduate students might find themselves thinking, 'I wish I'd read this book at the start of my studies, when I was first learning R!'...This book could be used as the main text for a class on reproducible research ..." (The American Statistician) Reproducible Research with R and R Studio, Third Edition brings together the skills and tools needed for doing and presenting computational research. Using straightforward examples, the book takes you through an entire

reproducible research workflow. This practical workflow enables you to gather and analyze data as well as dynamically present results in print and on the web. Supplementary materials and example are available on the author's website. New to the Third Edition Updated package recommendations, examples, URLs, and removed technologies no longer in regular use. More advanced R Markdown (and less LaTeX) in discussions of markup languages and examples. Stronger focus on reproducible working directory tools. Updated discussion of cloud storage services and persistent reproducible material citation. Added discussion of Jupyter notebooks and reproducible practices in industry. Examples of data manipulation with Tidyverse tibbles (in addition to standard data frames) and pivot_longer() and pivot_wider() functions for pivoting data. Features Incorporates the most important advances that have been developed since the editions were published Describes a complete reproducible research workflow, from data gathering to the presentation of results Shows how to automatically generate tables and figures using R Includes instructions on formatting a presentation document via markup languages Discusses cloud storage

and versioning services, particularly Github Explains how to use Unix-like shell programs for working with large research projects

PROC SQL: Beyond the Basics Using SAS®, Third Edition, is a step-by-step, example-driven guide that helps readers master the language of PROC SQL. Packed with analysis and examples illustrating an assortment of PROC SQL options, statements, and clauses, this book not only covers all the basics, but it also offers extensive guidance on complex topics such as set operators and correlated subqueries. Programmers at all levels will appreciate Kirk Lafler's easy-to-follow examples, clear explanations, and handy tips to extend their knowledge of PROC SQL. This third edition explores new and powerful features in SAS® 9.4, including topics such as: IFC and IFN functions nearest neighbor processing the HAVING clause indexes It also features two completely new chapters on fuzzy matching and data-driven programming. Delving into the workings of PROC SQL with greater analysis and discussion, PROC SQL: Beyond the Basics Using SAS®, Third Edition, explores this powerful database language using discussion and numerous real-world examples.

Learn how to access analytics from SAS

Cloud Analytic Services (CAS) using R and the SAS Viya platform. SAS Viya : The R Perspective is a general-purpose introduction to using R with the SAS Viya platform. SAS Viya is a high-performance, fault-tolerant analytics architecture that can be deployed on both public and private cloud infrastructures. This book introduces an entirely new way of using SAS statistics from R, taking users step-by-step from installation and fundamentals to data exploration and modeling. SAS Viya is made up of multiple components. The central piece of this ecosystem is SAS Cloud Analytic Services (CAS). CAS is the cloud-based server that all clients communicate with to run analytical methods. While SAS Viya can be used by various SAS applications, it also enables you to access analytic methods from SAS, R, Python, Lua, and Java, as well as through a REST interface using HTTP or HTTPS. The R client is used to drive the CAS component directly using commands and actions that are familiar to R programmers. Key features of this book include: Connecting to CAS from R Loading, managing, and exploring CAS Data from R Executing CAS actions and processing the results Handling CAS action errors Modeling continuous and categorical data

This book is intended for R users who want to access SAS analytics as well as SAS users who are interested in trying R. Familiarity with R would be helpful before using this book although knowledge of CAS is not required. However, you will need to have a CAS server set up and running to execute the examples in this book.
Carpenter's Complete Guide to the SAS REPORT Procedure
The Power of PROC Format
Text Mining and Analysis
Output Delivery System
Beyond the Basics (Hardcover Edition)
Maps Made Easy Using SAS

For decades researchers and programmers have used SAS to analyze, summarize, and report clinical trial data. Now Chris Holland and Jack Shostak have updated their popular Implementing CDISC Using SAS, the first comprehensive book on applying clinical research data and metadata to the Clinical Data Interchange Standards Consortium (CDISC) standards. Implementing CDISC Using SAS: An End-to-End Guide, Revised Second Edition, is an all-inclusive guide on how to implement and analyze the Study Data Tabulation Model (SDTM) and the Analysis Data Model (ADaM) data and prepare clinical trial data for regulatory submission. Updated to reflect the 2017 FDA

mandate for adherence to CDISC standards, this new edition covers creating and using metadata, developing conversion specifications, implementing and validating SDTM and ADaM data, determining solutions for legacy data conversions, and preparing data for regulatory submission. The book covers products such as Base SAS, SAS Clinical Data Integration, and the SAS Clinical Standards Toolkit, as well as JMP Clinical. Topics included in this edition include an implementation of the Define-XML 2.0 standard, new SDTM domains, validation with Pinnacle 21 software, event narratives in JMP Clinical, STDM and ADAM metadata spreadsheets, and of course new versions of SAS and JMP software. The second edition was revised to add the latest C-Codes from the most recent release as well as update the make_define macro that accompanies this book in order to add the capability to handle C-Codes. The metadata spreadsheets were updated accordingly. Any manager or user of clinical trial data in this day and age is likely to benefit from knowing how to either put data into a CDISC standard or analyzing and finding data once it is in a CDISC format. If you are one such person--a data manager, clinical and/or statistical programmer, biostatistician, or even a clinician--then this book is for you.

Here is a self-help book for aspiring writers, written by an established author and a publisher. It offers advice such as: begin a piece by seducing your reader; master the elements of plotting fiction; and create a strategy for telling the story of your life.

Offers advanced SAS programmers an all-in-one programming reference that includes advanced topics not easily found outside the depths of SAS documentation or more advanced training classes.

Learn to program SAS by example! Learning SAS by Example, A Programmer's Guide, Second Edition, teaches SAS programming from very basic concepts to more advanced topics. Because most programmers prefer examples rather than reference-type syntax, this book uses short examples to explain each topic. The second edition has brought this classic book on SAS programming up to the latest SAS version, with new chapters that cover topics such as PROC SGPLOT and Perl regular expressions. This book belongs on the shelf (or e-book reader) of anyone who programs in SAS, from those with little programming experience who want to learn SAS to intermediate and even advanced SAS programmers who want to learn new techniques or identify new ways to accomplish existing tasks. In an instructive and

conversational tone, author Ron Cody clearly explains each programming technique and then illustrates it with one or more real-life examples, followed by a detailed description of how the program works. The text is divided into four major sections: Getting Started, DATA Step Processing, Presenting and Summarizing Your Data, and Advanced Topics. Subjects addressed include Reading data from external sources Learning details of DATA step programming Subsetting and combining SAS data sets Understanding SAS functions and working with arrays Creating reports with PROC REPORT and PROC TABULATE Getting started with the SAS macro language Leveraging PROC SQL Generating high-quality graphics Using advanced features of user-defined formats and informats Restructuring SAS data sets Working with multiple observations per subject Getting started with Perl regular expressions You can test your knowledge and hone your skills by solving the problems at the end of each chapter.

SUGI 13

Learning SAS by Example

A Primer, Sixth Edition

Data Quality for Analytics Using SAS

14th Annual Conference : Papers

The Basics and Beyond

For SAS programmers or analysts who need to generalize

their programs or improve programming efficiency, Art Carpenter thoroughly updates his successful second edition of Carpenter's Complete Guide to the SAS Macro Language with an extensive collection of new macro language techniques and examples. Addressing the composition and operation of the SAS macro facility and the SAS macro language, this third edition offers nearly 400 ready-to-use macros, macro functions, and macro tools that enable you to convert SAS code to macros, define macro variables, and more! Users with a basic understanding of Base SAS who are new to the SAS macro language will find more detail, utilities, and references to additional learning opportunities; advanced macro language programmers who need help with data-driven macros and dynamic application development will find greatly expanded treatment of these topics.

Analytics offers many capabilities and options to measure and improve data quality, and SAS is perfectly suited to these tasks. Gerhard Svolba's Data Quality for Analytics Using SAS focuses on selecting the right data sources and ensuring data quantity, relevancy, and completeness. The book is made up of three parts. The first part, which is conceptual, defines data quality and contains text, definitions, explanations, and examples. The second part shows how the data quality status can be profiled and the ways that data quality can be improved with analytical methods. The final part details the consequences of poor data quality for predictive modeling and time series forecasting. With this book you will learn how you can use SAS to perform advanced profiling of data quality status and how SAS can help improve your data quality. This book is part of the SAS Press program.

Design, construct, and display customized graphs quickly and efficiently with this new example-based book. It helps you master these customizing techniques without relying on the Annotate facility. You'll also discover practical tips here on

topics not thoroughly covered in other books.
Graphical methods for quantitative data are well developed and widely used. However, until now with this comprehensive treatment, few graphical methods existed for categorical data. In this innovative book, the author presents many aspects of the relationships among variables, the adequacy of a fitted model, and possibly unusual features of the data that can best be seen and appreciated in an informative graphical display.
SUGI 12
How to Master the Craft of Writing Fiction and Personal Narrative
Release 6.07
Professional SAS Programming Logic
PROC SQL
13th Annual Conference : Papers

PROC REPORT by Example: Techniques for Building Professional Reports Using SAS provides real-world examples using PROC REPORT to create a wide variety of professional reports. Written from the point of view of the programmer who produces the reports, this book explains and illustrates creative techniques used to achieve the desired results. Each chapter focuses on a different concrete example, shows an image of the final report, and then takes you through the process of creating that report. You will be able to break each report down to find out how it was produced, including any data manipulation you have to do. The book clarifies solutions

to common, everyday programming challenges and typical daily tasks that programmers encounter. For example: obtaining desired report formats using style templates supplied by SAS and PROC TEMPLATE, PROC REPORT STYLE options, and COMPUTE block features employing different usage options (DISPLAY, ORDER, GROUP, ANALYSIS, COMPUTED) to create a variety of detail and summary reports using BREAK statements and COMPUTE blocks to summarize and report key findings producing reports in various Output Delivery System (ODS) destinations including RTF, PDF, XML, TAGSETS.RTF embedding images in a report and combining graphical and tabular data with SAS 9.2 and beyond Applicable to SAS users from all disciplines, the real-life scenarios will help elevate your reporting skills learned from other books to the next level. With PROC REPORT by Example: Techniques for Building Professional Reports Using SAS, what seemed complex will become a matter of practice. This book is part of the SAS Press program.

Robert Allison's SAS/GRAPH: Beyond the Basics collects examples that demonstrate a variety of techniques you can use to create custom graphs using SAS/GRAPH software. SAS/GRAPH is known for its flexibility and

power, but few people know how to use it to its full potential. Written for the SAS programmer with experience using Base SAS to work with data, the book includes examples that can be used in a variety of industry sectors. SAS/GRAPH: Beyond the Basics will help you create the exact graph you want.

Art Carpenter demystifies the powerful REPORT procedure and shows you how to incorporate this highly flexible and customizable procedure into your SAS reporting programs. Combining his years of SAS experience with a talent for instruction, Art offers clear and comprehensive coverage that demonstrates how valuable this procedure is for both summarizing and displaying data. Illustrated with more than two hundred examples and sample exercises to reinforce your learning, Carpenter's Complete Guide to the SAS REPORT Procedure provides you with information that you can put to immediate use. The text is divided into three distinct sections. Part 1 introduces you to PROC REPORT, showing you how it works and "thinks." This section is designed to be read linearly by users who are unfamiliar with the procedure. Part 2 is a collection of increasingly more complex examples that feature advanced options and capabilities.

It also introduces the relationship between PROC REPORT and the Output Delivery System (ODS). Part 3 incorporates the options and statements described in Parts 1 and 2 into a series of examples that highlight many of the extended capabilities of PROC REPORT. Included in this section is a discussion of a few ODS statements and options that might be useful to a PROC REPORT programmer, plus an in-depth look at the PROC REPORT process itself, especially as it relates to the execution of compute blocks. Art's author page at support.sas.com/carpenter includes the following bonus material: example SAS data sets, example results, and a compilation of nearly 100 related conference papers. This book is part of the SAS Press program.
For SAS programmers or analysts who need to generalize their programs or improve programming efficiency, Art Carpenter thoroughly updates his highly successful second edition of Carpenter's Complete Guide to the SAS Macro Language with an extensive collection of new macro language techniques and examples. Addressing the composition and operation of the SAS macro facility and the SAS macro language, this third edition offers nearly 400 ready-to-use macros, macro functions, and macro tools that enable you to convert SAS code to

macros, define macro variables, and more! Users with a basic understanding of Base SAS who are new to the SAS macro language will find more detail, utilities, and references to additional learning opportunities; advanced macro language programmers who need help with data-driven macros and dynamic application development will find greatly expanded treatment of these topics. This revised and enlarged edition includes the following topics: New and expanded introduction to the macro language Functions, automatic macro variables, and macro statements new to the macro language Expanded macro language tools that interface with the operating system Expanded data-driven methodologies used to build dynamic applications Expanded discussion of list processing, with four alternative approaches presented Additional file and data management examples Expanded discussion of CALL EXECUTE and DOSUBL New discussion of using the macro language on remote servers Expanded discussion and examples of macro quoting Far beyond a reference manual issued from an "ivory tower," this book is pragmatic and example-driven: Yes, you will find syntax examples; yes, the code is explained. But the focus of this book is on actual code used to solve

real-world business problems. In fact, an entire appendix is dedicated to listing the nearly 70 classes of problems that are solved by programs covered in this edition. Discussion of the examples elucidates the pros and cons of the particular solution and often suggests alternative approaches. Therefore, this book provides you both a compendium of reusable and adaptable code, and opportunities for deepening your understanding and growing as a SAS programmer.

SAS Users Group International Conference, May 9 - 12, 2004, Palais Des Congrès de Montréal, Montréal, Canada ; Also Includes the Papers from the SUGI 27 and SUGI 28 Proceedings

An End-to-End Guide, Revised Second Edition

Advanced SQL with SAS

A Programmer's Guide, Second Edition

Reproducible Research with R and RStudio

PROC REPORT by Example

Bring your data to life and add meaning to your information with Maps Made Easy Using SAS. Abundant real-world examples and a tutorial approach help new users create maps easily and quickly. You will learn the basic mapping components, including map and response data sets as well as simple SAS/GRAPH statements. With in-depth examples you will move on to more

advanced mapping techniques, such as annotating maps and producing customized maps and output. The process used to annotate maps is demystified and described in clear, easy-to-follow steps. You will produce data-driven, updatable maps in GIF format for use in Web-based presentations and other applications. Also presented are details on creating more complicated choropleth maps. These include maps that combine geographic areas with internal boundaries removed, maps that display multiple geographic areas, and clipped maps. Enhance your data presentations with this well-organized guide. This book is part of the SAS Press program.

Get started on your way to using Annotate. Annotate has features that make it unique within SAS. Those features combine to make the Annotate facility both complex and powerful. With this well-organized linear introduction to the Annotate facility, get a simple start to a complex subject. Users with a working knowledge of the basics of SAS/GRAPH and the DATA step will benefit from the guidelines providing strategy for creating Annotate data sets from flat files, other SAS data sets, and assignment statements from within a DATA step. The numerous examples provide key elements of Annotate data sets, alternate statement structures, and methods for enhancing your output. You are also provided with an exhaustive

source list for additional reference information to help you move on to the next level of using the Annotate facility.

For professional programmers and serious students of programming,this book provides detailed coverage of the SAS language and theprogramming process. The first half of the book emphasizes data stepprogramming. The second half covers the SAS environment, routines,macro language, and selected features of proc step programming. A 250-word glossary defines the most fundamental terms used in discussingSAS programming, and notes throughout the book describe the differences inusage of some words and terms.

Explains the security model for the SAS Intelligence Platform and provides instructions for performing security-related administrative tasks. The emphasis is on suite-wide aspects of the security functionality that SAS provides. This title is also available online.

SAS Viya

SUGI 29 Proceedings

Statistical Graphics Procedures by Example

So You Want to Write

Carpenter's Guide to Innovative SAS Techniques

SAS 9. 3 Intelligence Platform

A classic that just keeps getting better, The Little SAS Book is essential for anyone learning SAS programming. Lora Delwiche and Susan Slaughter offer a user-friendly approach so that readers can quickly and easily learn the

most commonly used features of the SAS language. Each topic is presented in a self-contained, two-page layout complete with examples and graphics. Nearly every section has been revised to ensure that the sixth edition is fully up-to-date. This edition is also interface-independent, written for all SAS programmers whether they use SAS Studio, SAS Enterprise Guide, or the SAS windowing environment. New sections have been added covering PROC SQL, iterative DO loops, DO WHILE and DO UNTIL statements, %DO statements, using variable names with special characters, the ODS EXCEL destination, and the XLSX LIBNAME engine. This title belongs on every SAS programmer's bookshelf. It's a resource not just to get you started, but one you will return to as you continue to improve your programming skills. Learn more about the updates to The Little SAS Book, Sixth Edition here. Reviews for The Little SAS Book, Sixth Edition can be read here.

SUGI 29 ProceedingsSAS Users Group International Conference, May 9 - 12, 2004, Palais Des Congrès de Montréal, Montréal, Canada ; Also Includes the Papers from the SUGI 27 and SUGI 28 ProceedingsSo You Want to WriteHow to Master the Craft of Writing Fiction and Personal NarrativePiatkus Books

Analyzing Health Data in R for SAS Users is aimed at helping health data analysts who use SAS accomplish some of the same tasks in R. It is targeted to public health students and professionals who have a background in biostatistics and SAS software, but are new to R. For professors, it is useful as a textbook for a descriptive or regression modeling class, as it uses a publicly-available dataset for examples, and provides exercises at the end of each chapter. For students

and public health professionals, not only is it a gentle introduction to R, but it can serve as a guide to developing the results for a research report using R software. Features: Gives examples in both SAS and R Demonstrates descriptive statistics as well as linear and logistic regression Provides exercise questions and answers at the end of each chapter Uses examples from the publicly available dataset, Behavioral Risk Factor Surveillance System (BRFSS) 2014 data Guides the reader on producing a health analysis that could be published as a research report Gives an example of hypothesis-driven data analysis Provides examples of plots with a color insert

This book introduces advanced techniques for using PROC SQL in SAS. If you are a SAS programmer, analyst, or student who has mastered the basics of working with SQL, Advanced SQL with SAS® will help take your skills to the next level. Filled with practical examples with detailed explanations, this book demonstrates how to improve performance and speed for large data sets. Although the book addresses advanced topics, it is designed to progress from the simple and manageable to the complex and sophisticated. In addition to numerous tuning techniques, this book also touches on implicit and explicit pass-throughs, presents alternative SAS grid- and cloud-based processing environments, and compares SAS programming languages and approaches including FedSQL, CAS, DS2, and hash programming. Other topics include: Missing values and data quality with audit trails “Blind spots” like how missing values can affect even the simplest calculations and table joins SAS macro language and SAS macro programs SAS functions Integrity constraints SAS Dictionaries SAS

Compute Server
SAS For Dummies
The R Perspective
SUGI 14
Beyond the Basics Using SAS, Third Edition
Effective Graphs Using SAS
Quick Results with SAS/GRAPH Software

Carpenter's Guide to Innovative SAS Techniques offers advanced SAS programmers an all-in-one programming reference that includes advanced topics not easily found outside the depths of SAS documentation or more advanced training classes. Art Carpenter has written fifteen chapters of advanced tips and techniques, including topics on data summary, data analysis, and data reporting. Special emphasis is placed on DATA step techniques that solve complex data problems. There are numerous examples that illustrate advanced techniques that take advantage of formats, interface with the macro language, and utilize the Output Delivery System. Additional topics include operating system interfaces, table lookup techniques, and the creation of customized reports.

12th Annual Conference : Papers

Sas/Graph
Practical Methods, Examples, and Case Studies Using SAS
PROC TABULATE by Example