

SECOND
EDITION

Tuning SAS® Applications in the OS/390 and z/OS Environments

Michael A. Raithel



Tuning Sas Applications In The Os Or 390 And Z Or Os Environments

**Norm O'Rourke, Larry Hatcher, Edward
J. Stepanski**



Tuning Sas Applications In The Os Or 390 And Z Or Os Environments:

Tuning SAS Applications in the OS/390 and Z/OS Environments Michael A. Raithel, 2003 Need to improve the performance of your SAS applications Seeking comprehensive information on OS 390 Help has arrived This newly updated second edition of Michael A Raithel s esteemed *Tuning SAS Applications in the MVS Environment* is the definitive book for tuning SAS applications that run on mainframe computers under the MVS OS 390 and z OS operating systems *Tuning SAS Applications in the OS 390 and z OS Environments* details the many tools and methodologies SAS programmers can use to reduce computer processing overhead thus making their applications perform better and reducing computer charge back costs SAS programmers experienced in other operating environments as well as newer SAS users will gain knowledge of OS 390 system processes performance measures and operating system features In addition key OS 390 concepts are highlighted including the three types of work that run on OS 390 OS 390 memory management and hiperspaces New features in this second edition include the many Version 8 enhancements to SAS running under OS 390 new sources of performance information such as the SAS SMF exit a detailed explanation of index centiles what they are and how they can be used New information explains how SAS programmers can specify that a particular index be used or that no index be used You will also find updated information on exploiting indexes through WHERE clauses and BY statements updated information on efficiently processing large data sets stored on tape details on the new SASFILE statement Programmers can learn how to exploit the SASFILE statement to hold an entire SAS data set in memory and avoid costly I O s new features of the CONTENTS procedure that provide performance information If you are a new or experienced SAS user trying to learn more about OS 390 concepts or searching for great tuning tips this book was written for you *A Step-by-Step Approach to Using SAS for Univariate & Multivariate Statistics* Norm O'Rourke, Larry Hatcher, Edward J. Stepanski, 2005 Providing practice data inspired by actual studies this book explains how to choose the right statistic understand the assumptions underlying the procedure prepare an SAS program for an analysis interpret the output and summarize the analysis and results according to the format prescribed in the Publication Manual of the American Psychological Association *The Essential PROC SQL Handbook for SAS Users* Katherine Prairie, 2005-06-21 Navigate the world of the powerful SQL procedure with Katherine Prairie s *Essential PROC SQL Handbook for SAS Users* Written in an easy to use logical format this comprehensive reference focuses on the functionality of the procedure as well as the accomplishment of common tasks using PROC SQL enabling readers to quickly develop and enhance their SQL skills Features include more than 300 examples of PROC SQL code plus queries and diagrams showing how the statements are processed tips and techniques highlighting need to know concepts and an appendix designed specifically for SQL Pass Through Facility and SAS ACCESS users This practical guide is written for SAS users of all levels who want to learn how to integrate the SQL procedure into their Base SAS and or SAS ACCESS programs as well as SQL programmers who want to adapt their current skills to SAS This book is part of the SAS Press

program *Pharmaceutical Statistics Using SAS* Alex Dmitrienko,Christy Chuang-Stein,Ralph B. D'Agostino,2007
Introduces a range of data analysis problems encountered in drug development and illustrates them using case studies from actual pre clinical experiments and clinical studies Includes a discussion of methodological issues practical advice from subject matter experts and review of relevant regulatory guidelines **SAS for Linear Models** Ramon Littell,Walter W. Stroup,Rudolf Freund,2002-05-24 Features and capabilities of the REG ANOVA and GLM procedures are included in this introduction to analysing linear models with the SAS System This guide shows how to apply the appropriate procedure to data analysis problems and understand PROC GLM output Other helpful guidelines and discussions cover the following significant areas Multivariate linear models lack of fit analysis covariance and heterogeneity of slopes a classification with both crossed and nested effects and analysis of variance for balanced data This fourth edition includes updated examples new software related features and new material including a chapter on generalised linear models Version 8 of the SAS System was used to run the SAS code examples in the book Provides clear explanations of how to use SAS to analyse linear models Includes numerous SAS outputs Includes new chapter on generalised linear models Uses version 8 of the SAS system This book assists data analysts who use SAS STAT software to analyse data using regression analysis and analysis of variance It assumes familiarity with basic SAS concepts such as creating SAS data sets with the DATA step and manipulating SAS data sets with the procedures in base SAS software **Data Preparation for Analytics Using SAS** Gerhard Svolba,2006-11-01 Text addresses such tasks as 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 and using SAS procedures for scoring Validating Clinical Trial Data Reporting with SAS Carol I. Matthews,Brian C. Shilling,2008 This indispensable guide focuses on validating programs written to support the clinical trial process from after the data collection stage to generating reports and submitting data and output to the Food and Drug Administration **Computerworld** ,2002-04-15 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global IT media network **Books In Print 2004-2005** Ed Bowker Staff,Staff Bowker, Ed,2004 **Computerworld** ,1998-03-09 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global IT media network

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