



Just Enough SAS: A QuickStart Guide to SAS for Engineers

Robert A. Rutledge

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In *Just Enough SAS: A QuickStart Guide to SAS for Engineers*, Robert Rutledge provides "just enough" instruction on a broad variety of topics so that a new SAS user can become productive very quickly. Although most of the material in the book is geared toward a general audience, engineers will especially benefit from the focus on analysis of quality and reliability data found in Chapters 9 and 10 as well as in the examples throughout the book. This comprehensive text, prepared using SAS 9.2, can be used both as a tutorial for getting started with SAS and as a reference for details that even experienced SAS users find themselves looking up over and over again. In addition, the companion code to the book includes a set of commonly used utility macros that allow SAS users to wield maximum power with minimal effort. A complete bibliography provides readers with numerous opportunities for further learning. Topics addressed include bringing data into SAS from a spreadsheet or relational database, plotting data with ODS Statistical Graphics, summarizing and manipulating data for analysis using DATA steps and procedures, publishing results on the Internet and in PDF and RTF, creating appropriate plots of data using PROC GPLOT and PROC GCHART and the newer statistical graphics procedures, with particular emphasis on quality control and reliability analysis key areas for engineers working in hightech manufacturing and development, and using the SAS macro language to streamline and automate data analysis projects. New SAS users will find Rutledge's book useful as a quickstart guide to doing meaningful work with SAS, and experienced users will find numerous tips and techniques for improving and extending their coding methods.

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