PROC SQL Programming: The Basics and Beyond

This course expands your PROC SQL programming skills using numerous examples and techniques of this powerful database language. Topics include strategies for creating and using virtual tables known as views, using case expressions to perform conditional logic and reclassification of data values, database design concepts including basic normalization rules, examples of implementing table integrity constraints, accessing information contained in read-only dictionary tables, interfacing PROC SQL with the Macro facility to create macro variables and macro variable lists, rules associated with index creation and usage, undocumented and hard-to-find PROC SQL features for debugging purposes, complex queries using inner and outer join constructs including set operators, and performance tuning strategies.

Intended Audience: All SAS users
Prerequisites: SAS Basics course or 6-months SAS software experience
Delivery Method: Instructor-led with code examples and self-study
Course Material: Course Notes are included
Date and Time: May 8th, 2009; 9:00 am – 12:00 noon (3-Hours)
Training Location: 180 Montgomery Street, 23rd floor, Suite #2390, San Francisco, CA 94104 (downtown San Francisco, near the Montgomery Bart station)
Cost: $150 per attendee

Instructor Bio

Kirk Paul Lafler is consultant and founder of Software Intelligence Corporation and has been programming in SAS since 1979. As a SAS Certified Professional and SAS Institute Alliance Member (1996 – 2002), Kirk provides IT consulting services and training to SAS users around the world. As the author of four books including PROC SQL: Beyond the Basics Using SAS (SAS Institute. 2004), Kirk has written more than three hundred peer-reviewed papers and articles that have appeared in professional journals and SAS User Group proceedings. He has also been an Invited speaker and Instructor at more than three hundred SAS International, regional, local, and special-interest user group conferences and meetings throughout North America. His popular SAS Tips column, "Kirk’s Korner of Quick and Simple Tips", appears regularly in several SAS User Group newsletters and Web sites, and fun-filled SASword Puzzles are featured in www.SAScommunity.org and several newsletters.

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