



Building High-Impact Dashboards Using Base SAS[®] Software

*Announcing a Popular 3-hour Instructor-led course on
Tuesday, February 20th, 2018; 9:00 am – 12:00 pm !*

Location: Holiday Inn Express Suites Belmont, 1650 El Camino Real, Belmont, California 94002

Course Overview

This 3-hour instructor-led course provides attendees with valuable programming techniques on how to build high-impact and powerful dashboards that display essential “point-in-time” information with a purpose. Attendees learn essential dashboard design techniques that extract data from available data sources; strategies on the placement and display of essential data, information, reports, tables, statistics, metrics, and images; and basic design principles for creating custom content that displays on a single screen. Essential design and programming techniques are presented to build highly visual, exciting, and high-impact 1-, 2-, 3- and 4-panel static and interactive dashboards using Base SAS[®] software. Attendees learn how to create high-impact dashboards with a purpose using the DATA step; PROC FORMAT; PROC PRINT; PROC REPORT; PROC MEANS; PROC SQL; Output Delivery System (ODS); SAS macro language; Statistical Graphics procedures: PROC SGPLOT, PROC SGSCATTER, PROC SGPANEL, and PROC SGRENDER; PROC TEMPLATE; and Graphics Template Language (GTL).

By attending this course, attendees will acquire important skills about:

- ✓ Essential SAS programming techniques
- ✓ “Custom” dashboard design strategies
- ✓ Essential Dashboard elements
- ✓ Basic ODS and Statistical Graphics syntax
- ✓ The creation of static and interactive “drill-down” dashboards
- ✓ A step-by-step process to Build 1-, 2-, 3- and 4-panel dashboards (user interfaces)
- ✓ Essential Statistical Graphics programming techniques including PROC TEMPLATE and GTL
- ✓ The creation of “custom” dashboard designs viewable with a web browser

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Building High-Impact Dashboards Using Base SAS[®] Software

Who should attend?

Building High-Impact Dashboards Using SAS[®] Base Software is a 3-hour instructor-led course designed for SAS users possessing a minimum of 1-year programming experience. Knowledge of basic DATA and PROC step programming is encouraged, but not required.

Course Topics

Introduction to Dashboards

- ✓ Brief History of Dashboards
- ✓ Types of Dashboards

Design Principles, Elements and Functionality

- ✓ Dashboard Design Principles
- ✓ Dashboard Design Best Practices
- ✓ Common Dashboard Design Mistakes
- ✓ Designing Effective Charts, Graphs and Plots
- ✓ Dashboard Elements
- ✓ Dashboard Displays
- ✓ Dashboard Functionality

Statistical Graphics Procedures and Syntax

- ✓ PROC SGPLOT
- ✓ PROC SGSCATTER
- ✓ PROC SGPANEL
- ✓ Dashboard Layouts

Dashboard Examples

- ✓ Steps to Building a Dashboard
- ✓ Static Dashboards
- ✓ 1-, 2-, 3- and 4-panel Dashboard Designs
- ✓ Interactive “Drill-down” Dashboards
- ✓ Macro-driven Multi-Panel Dashboards

SAS Application Developer, Programmer, Educator and Author Kirk Paul Lafler



Kirk Paul Lafler is an entrepreneur and founder of Software Intelligence Corporation. Kirk has worked with SAS software since 1979 as a consultant, application developer, programmer, SAS solutions provider, data analyst, data manager, infrastructure specialist, performance tuner, educator and author. As a SAS Certified professional, mentor, educator at Software Intelligence Corporation, and advisor and SAS programming adjunct professor at the University of California San Diego Extension, Kirk has taught SAS courses, seminars, webinars and workshops to thousands of users around the world.

Kirk has written six books including Google[®] Search Complete (Odyssey Press. 2014) and PROC SQL: Beyond the Basics Using SAS, Second Edition (SAS Press. 2013); hundreds of papers and articles on a variety of SAS topics; selected as an Invited speaker and educator at SAS International, regional, special-interest, local, and in-house user group conferences; and is the recipient of 25 “Best” contributed paper, hands-on workshop (HOW), and poster awards.

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Software Intelligence Corporation ♦ E-mail: KirkLafler@cs.com ♦ LinkedIn: <http://www.linkedin.com/in/KirkPaulLafler>

Registration Information and Form

If you're looking for the most cost-effective and up-to-date training, Kirk Paul Lafler and Software Intelligence Corporation courses, seminars and hands-on workshops prepare you for tomorrow, today. As a world leader in the design and development of high-impact static and interactive dashboards and scorecards, Kirk possesses nearly 40 years' experience developing SAS programming techniques. This course provides users with the latest SAS software features, cutting-edge techniques and know-how – information that will help you achieve greater success and put you ahead of the competition. Kirk invites all SAS users to attend this popular instructor-led course, and expand your programming knowledge using the SAS software. This instructor-led course is taught using a tutorial, step-by-step example, approach.

To Register

1. Register one person per form. Make additional copies if necessary.
2. Print or type all requested information on each form to process registration.
3. RSVP the names of each attendee by sending an email to KirkLafler@cs.com no later than Monday, February 19th, 2018.
4. Bring registration form along with payment in the form of a business or personal check, cashier's check, or money order.
(**Note:** Credit Cards cannot be accepted for this training event!)
5. **Training Location:** Holiday Inn Express Suites Belmont, 1650 El Camino Real, Belmont, California 94002.
6. **Make payment for \$189 to:** Software Intelligence Corporation.

Attendee Information (Please enter all requested information, below)

Building High-Impact Dashboards Using Base SAS® Software (3-hours – \$189)

Tuesday, February 20th, 2018; 9:00 am – 12:00 pm

(Location: Holiday Inn Express Suites Belmont, 1650 El Camino Real, Belmont, California 94002)

Dr. Professor Mr. Mrs. Ms.

Name _____

Organization _____

Department _____

Address #1 _____

Address #2 _____

City _____ State _____ Zip _____

Phone _____

E-mail _____

Cancellations and Substitutions

Upon registering, attendee(s) are considered successfully enrolled in the program. Should the attendee(s) decide to cancel their enrollment; a cancellation fee will be charged. Cancellations must be submitted in writing. Cancellations 3 days or more in advance of the course start date will be given a complete refund, minus a \$50 processing fee. Cancellations received less than 3 days before the start of the course will be subject to a \$50 cancellation fee. "No shows" for a course is not considered a cancellation – payment will not be refunded. "No shows" will be sent a copy of the course notes in the form of a PDF document. Please note that attendee substitutions are permissible as long as it is communicated within 3 days prior to the start of the course.

Software Intelligence Corporation provides attendees with cost-effective, comprehensive, and effective technical knowledge. We offer our products, support, education, and consulting, in 10 countries. Copyright © 2015 – 2018, Software Intelligence Corporation. All rights reserved.

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