

Understanding and Applying Perl Regular Expressions in the SAS[®] System *Half-Day Seminar*

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Overview

This half-day session shows you how to apply the power and flexibility of Perl Regular Expressions available in SAS 9 Software to validate and clean your text data, as well as perform string testing, text replacement and other ways to work with your text/character data.

Topics

By attending this seminar you will learn how you will learn how SAS' implementation of Perl 5.6.1's pattern-matching capabilities in SAS 9 Software offers a broad array of tools you can use to work effectively with your character/text data, and how these tools often simplify your work. You will learn how to use Perl regular expression in SAS Software to:

- Search for patterns in text data
- Save information about patterns found in text data
- Substitute new forms/values for the matched patterns you identify.

What You Will Learn

The topics presented in this seminar include:

- How to write Perl regular expressions
- Writing SAS statements that access the PRX functions and CALL routines in the DATA Step
- How to apply PRX functions and CALL routines to perform a variety of text searching, validation and replacement tasks.

Attendees receive a complete, bound copy of the course notes, which include code examples and other useful information that you can use to apply the concepts and techniques shown to your own data.

Who Should Attend

Understanding and Applying Perl Regular Expressions in the SAS System is designed to be an effective learning experience for experienced SAS Software users who are comfortable with the principles underlying how SAS programming language statements are used to SAS create data sets. The materials presented in this session assume you are already familiar with concepts such as program data vector, SAS assignment statement, SAS data step function and the compilation/execution phases of the Data Step.

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