Splunk Power User Fast Start (POWER-U)

Course Content

Description:

This Power User "Fast Start" course covers over 60 commands, functions, and knowledge objects to provide users with actionable information about searching best practices and knowledge management. Students will learn how to effectively utilize time in searches, work with different time zones, use transforming commands and eval functions to calculate statistics, compare field values with eval functions and eval expressions, manipulate output, normalize fields and field values, correlate and filter data from multiple sources, and create, manage, and share knowledge objects.

Objectives:

Upon successful completion of this course, students will:
- Utilize over 60 commands and functions to transform, manipulate, normalize, correlate, and filter data.
- Filter data using time modifiers and time commands and use formatting functions to accommodate various time formats.
- Calculate statistics using transforming commands and mathematical and statistical eval functions.
- Compare, manipulate, and normalize data using several commands including the all-powerful eval command and an array of statistical, comparison, conditional, and formatting functions.
- Calculate co-occurrence between fields and analyze data from multiple datasets.
- Create, curate, manage and share knowledge objects.

Prerequisites:

To be successful, students should have a solid understanding of the following:

How Splunk works and how to create basic searching and visualizations

Topics:

Topic 1 – Working with Time
- Formatting Time
- Comparing Index Time versus Search Time
- Using Time Commands
- Working with Time Zones

Topic 2 – Statistical Processing
- What is a Data Series?
- Transforming Data
- Manipulating Data with eval
- Formatting Data

Topic 3 – Comparing Values
- Using eval to Compare
- Filtering with where

Topic 4 – Result Modification
- Manipulating Output
- Modifying Results Sets
- Managing Missing Data
- Modifying Field Values
- Normalizing with eval

Topic 5 – Correlation Analysis
- Calculate Co-Occurrence Between Fields
- Analyze Multiple Datasets

Topic 6 – Intro to Knowledge Objects
- What are Knowledge Objects?
- Knowledge Object Settings
- Managing Knowledge Objects

Topic 7 – Creating Knowledge Objects
- Knowledge Objects and Search-time Operations
- Creating Event Types
- Using Event Type Builder
- Creating Workflow Actions
- Creating Tags and Aliases
- Creating Search Macros

Topic 8 – Creating Field Extractions
- Using the Field Extractor
- Creating Regex Field Extractions
- Creating Delimited Field Extractions

Topic 9 – Data Models
- Introducing Data Model Datasets
- Designing Data Models
- Creating a Pivot
- Accelerating Data Models

Register for this class by visiting us at:
www.tcworkshop.com or by calling us at 800-639-3535

NASBA CPE details are provided on the following pages.

NASBA Information

Level:
Advanced Preparation:
Attendance Requirement: To be awarded the full credit hours, you must sign in and attend the entire course.
Recommended Field(s) of Study:
Recommended CPEs: 31.20

Policies: Course Registration, Cancellation, Refund, and Complaint Resolution

For more information regarding administrative policies such as complaint and program cancellation policies, please contact our offices at 800-639-3535 or visit us at: **www.tcworkshop.com**

Official National Registry Statement:

The Computer Workshop is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of individual courses for CPE credits. Complaints regarding registered sponsors may be submitted to the National Registry of CPE Sponsors through its website: www.nasbaregistry.org

NOTE: Since our information is in multiple places on our website or in PDF format that is sent to clients, we have provided our normal course content with the NASBA Information added along with links to our policy page on the web. We will add our name to the Official National Registry Statement after we are approved.