



Statistical Processing

This three-hour course is for power users who want to identify and use transforming commands and eval functions to calculate statistics on their data. Topics will cover data series types, primary transforming commands, mathematical and statistical eval functions, using eval as a function, and the rename and sort commands.

Course Topics

- What is a Data Series
- Transforming Data
- Manipulating Data with eval
- Formatting Data

Prerequisite Knowledge

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

- How Splunk works
- Creating search queries

Course Format

Instructor-led or eLearning

Course Objectives

Topic 1 – What is a Data Series

- Introduce data series
- Explore the difference between single-series, multi-series, and time series data series

Topic 2 – Transforming Data

- Use the chart, timechart, top, rare, and stats commands to transform events into data tables

Topic 3 – Manipulating Data with eval Command

- Understand the eval command
- Explore and perform calculations using mathematical and statistical eval functions
- Perform calculations and concatenations on field values
- Use the eval command as a function with the stats command

Topic 4 – Formatting Data

- Use the rename command
- Use the sort command

About Splunk Education

Splunk classes are designed for specific roles such as Splunk Administrator, Developer, User, Knowledge Manager, or Architect.

Certification Tracks

Our certification tracks provide comprehensive education for Splunk customer and partner personnel according to their areas of responsibility.

To view all Splunk Education's course offerings, or to register for a course, go to <http://www.splunk.com/education>

To contact us, email Education_AMER@splunk.com

Splunk, Inc.

270 Brannan St. San Francisco, CA 94107

+1 866.GET.SPLUNK (1 866.438.7758)

[Contact sales](#)