# Result Modification

This three-hour course is for power users who want to use commands to manipulate output and normalize data. Topics will focus on specific commands for manipulating fields and field values and modifying result sets. Additionally, students will learn how to use specific eval command functions to normalize fields and field values across multiple data sources.

## Course Topics

- Manipulating Output
- Modifying Result Sets
- Modifying Field Values
- Normalizing with eval

## Prerequisite Knowledge

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

- What is Splunk
- Intro to Splunk
- Using Fields

## Course Format

Instructor-led or eLearning

## Course Objectives

**Topic 1 – Manipulating Output**

- Convert a 2-D table into a flat table with the untable command
- Convert a flat table into a 2-D table with the xyseries command

**Topic 2 – Modifying Result Sets**

- Append data to search results with the appendpipe command
- Calculate event statistics with the eventstats command
- Calculate "streaming" statistics with the streamstats command

**Topic 3 – Modifying Field Values**

- Understand the eval command
- Use conversion and text eval functions to modify field values
- Reformat fields with the foreach command

**Topic 4 – Normalizing with eval**

- Normalize data with eval functions
- Identify eval functions to use for data and field normalization

## 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