



# Search Optimization

This three-hour course is for power users who want to improve search performance. Topics will cover how search modes affect performance, how to create an efficient basic search, how to accelerate reports and data models, and how to use the tstats command to quickly query data.

## Course Topics

- Optimize Search
- Report Acceleration
- Data Model Acceleration
- Using the tstats Command

## Prerequisite Knowledge

To be successful, students should have completed the following prerequisite courses:

- Search Under the Hood
- Multivalued Fields
- Scheduling Reports & Alerts
- Data Models

## Course Format

Instructor-led or eLearning

## Course Objectives

### Topic 1 – Optimize Search

- Understand how search modes affect performance
- Examine the role of the Splunk Search Scheduler
- Review general search practices

### Topic 2 – Report Acceleration

- Define acceleration and acceleration types
- Understand report acceleration and create an accelerated report
- Reveal when and how report acceleration summaries are created
- Search against acceleration summaries

### Topic 3 – Data Model Acceleration

- Understand data model acceleration
- Accelerate a data model
- Use the datamodel command to search data models

### Topic 4 – Using the tstats Command

- Explore the tstats command
- Search acceleration summaries with tstats
- Search data models with tstats
- Compare tstats and stats

## 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](mailto:Education_AMER@splunk.com)

Splunk, Inc.

270 Brannan St. San Francisco, CA 94107

+1 866.GET.SPLUNK (1 866.438.7758)

[Contact sales](#)