

Splunk Core Certified Power User Training Course

Splunk Core Certified Power User course teaches advanced searching, reporting, and dashboard capabilities to gain in-depth insights and perform efficient data analysis using Splunk.

DATA-200

Course Objectives

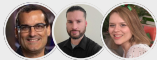
Professional, practical, & hands-on live instructor-led training

Further your skills and graduate as a certified professional, with the skills, experience, and job-search know how to get your career started.

 Start Today

Potential Career Tracks

Data Analyst Business Intelligence Analyst
Splunk Administrator IT Operations Specialist
Security Analyst Systems Engineer



Taught by Industry Veterans &
Qualified Instructors

Introduction to Splunk Core Certified Power User

Course Overview

Intellectual Point's Splunk Core Certified Power User Training Course offers an intensive exploration into the functionalities and capabilities of Splunk software, targeting individuals seeking to harness the power of data analysis. This course equips you with the know-how to navigate Splunk's interface, create insightful dashboards, and execute complex queries to extract meaningful insights from data. It prepares you to handle real-world data challenges, providing the skills necessary to optimize searches and develop pivot tables. Throughout the training, learners will also delve into advanced searching techniques, use field aliasing and data models, and gain expertise in enriching data with innovative tagging and event types.

You will explore the depth of Splunk's powerful data analysis tools, including custom alert and report creation. The training emphasizes practical application, ensuring you can effectively use Splunk for powerful data-driven decisions in workplace scenarios. By the end, you should be equipped not only to achieve Splunk Core Certified Power User status but also to integrate these competencies into your current or prospective roles.

Obtainable Skills

Splunk Dashboard Creation Complex Search Execution Data Visualization Techniques
Custom Alert Creation Report Generation and Management Data Enrichment
Field Aliasing Event Type Recognition Pivots and Data Models Usage

Course Insights

Audience Profile

This training course is meticulously crafted for aspiring data analysts, IT professionals, and business intelligence enthusiasts eager to master Splunk's data analytics capabilities. It is ideal for professionals with a basic understanding of data processing and those interested in careers involving data-driven decision-making. Individuals working in sectors ranging from IT security to organizational data analysis will find this course beneficial for cementing their ability to work with complex data environments. Furthermore, this course appeals to those who wish to enhance their professional toolkit through certification, gaining a competitive edge in the job market.

Course Objectives

By the end of this course, participants should:

- 1 Navigate and utilize Splunk's interface to conduct thorough data analysis efficiently.
- 2 Develop robust dashboards and reports to visualize data and extract actionable insights.
- 3 Execute advanced search techniques and optimize search inquiries for faster results.
- 4 Integrate enriched data using tagging, field aliasing, and event types for comprehensive analysis.
- 5 Achieve certification as a Splunk Core Certified Power User.

Module by Module Learning *Outline*

6 Modules

Module 1: Introduction to Splunk and Data Analysis

Learning Objectives:

- Understand the core functionalities of the Splunk interface
- Learn to navigate and utilize Splunk for efficient data analysis.

Topics Covered

Overview of Splunk:

- Introduction to Splunk's architecture and components.
- Understanding data inputs and source types.

Navigating the Splunk Interface:

- Exploring the home app and search bar.
- Introduction to time ranges and data retrieval.

Module 2: Creating Dashboards and Visualization

Learning Objectives:

- Develop and customize dashboards for data visualization.
- Apply data visualization techniques to enhance decisionmaking.

Topics Covered

Dashboard Design and Customization:

- Building and editing dashboards.
- Utilizing panels, forms, and visualizations.

Data Visualization Techniques:

- Best practices for effective visual representation.
- Using charts, tables, and graphs for insights

Module 3: Advanced Searching and Reporting

Learning Objectives:

- Execute complex search queries and optimize performance.
- Develop skills to generate and manage comprehensive reports.

Topics Covered

Advanced Search Techniques:

- Using search commands for complex data questions.
- Implementing subsearches and joins.

Report Generation and Management:

- Creating scheduled reports and alerts.
- Sharing and exporting data insights effectively.

Module 4: Data Enrichment and Optimization

Learning Objectives:

- Enrich data using field aliasing and event types.
- Optimize search queries for improved performance.

Topics Covered

Field Aliasing and Event Types:

- Techniques for field extraction and aliases.
- Creating and using event types for classification.

Search Optimization Strategies:

- Best practices for search efficiency.
- Understanding and using search job inspection.

Module 5: Pivots, Data Models, and Custom Alerts

Learning Objectives:

- Master pivot tables and data models for comprehensive analysis.
- Design and implement custom alerts to monitor data changes.

Topics Covered

Pivots and Data Models:

- Building data models and using them for pivot analysis.
- Understanding data model objects and constraints.

Creating Custom Alerts:

- Steps to design and trigger alerts based on data events.
- Incorporating alerts into operational workflows.

Module 6: Practical Application and Certification Preparation

Learning Objectives:

- Apply learned skills to workplace scenarios using Splunk.
- Prepare for the Splunk Core Certified Power User exam.

Topics Covered

RealWorld Application Scenarios:

- Case studies on datadriven decision making.
- Labs for hands on experience with Splunk tools.

Certification Exam Preparation:

- Review of key concepts and skills.
- Practice tests and exam strategies.