Splunk Core Certified User Training Course

Splunk Core Certified User is a foundational certification demonstrating proficiency in navigating and utilizing Splunk's data analysis and search capabilities.

DATA-102

Course Outcomes

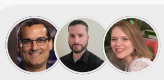
Professional, practical, & hands-on live instructor-led training

Start as a beginner 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

Splunk User · Data Analyst · IT Analyst · Business Intelligence Analyst · Security Analyst · System Administrator



Taught by Industry Veterans & World Class Instructors

Introduction to Splunk Core Certified User

Course Overview

The Splunk Core Certified User Training Course at Intellectual Point is meticulously crafted to pave your way to becoming proficient in navigating the Splunk interface and utilizing its powerful search and analysis capabilities. This course equips you with the skills necessary to handle machine data and extract actionable insights, making you invaluable to any data-driven organization. From beginners to seasoned professionals looking to formalize their knowledge, our program covers the essential tools and concepts necessary to become a Certified Splunk User. Throughout the course, you will delve into data searching, filtering, field extractions, creating reports, and visualizations.

You will explore the foundational elements of searches, commands, and results filtering; aggregate calculations and statistical functionality within Splunk; and building dashboards and visualizations. By the end, you will be adept in applying your knowledge to real-world challenges, transforming raw data into meaningful reports and dashboards that drive business decisions.

Obtainable Skills

Navigating the Splunk User Interface · Executing searches effectively in Splunk · Performing data filtering and extraction · Creating Splunk reports · Building dashboards · Data visualization techniques · Implementing field extractions and lookups · Applying statistical analysis tools · Certification Exam Preparation

Course Insights

Audience Profile

This Splunk Core Certified User Training Course is ideal for professionals in IT, data analysis, and business intelligence who are eager to harness the power of Splunk in their daily roles. Whether you are an entry-level IT professional, aspiring data analyst, or business analyst aiming to advance in data visualization and reporting tools, this course meets your needs. It's designed for individuals who have an interest in learning how to interpret and utilize big data for improving IT operations, cybersecurity, and business outcomes, regardless of their prior experience level with Splunk.

Course Outcomes

By the end of this course, participants will:

1. Acquire comprehensive familiarity with the Splunk user interface and its applications in data analysis.
2. Execute advanced searches and create precise data filters for effective information retrieval.
3. Develop custom dashboards and powerful visualizations to communicate insights effectively.
4. Confidently generate and interpret meaningful reports that guide strategic business decisions.
5. Prepare thoroughly for the Splunk Core Certified User exam to validate your tool proficiency.

Splunk Core Certified User

Module by Module Learning *Outline*

6 Modules

Module 1: Introduction to Splunk and its User Interface

Learning Objectives:

- Understand the basic concepts and components of Splunk.
- Navigate the Splunk interface to effectively utilize its features.

Topics Covered

Overview of Splunk and Data Analytics:

- The role of Splunk in data analysis.
- Key benefits and use cases for Splunk.

Navigating the Splunk Interface:

- Dashboard components and features.
- Customizing the user interface for efficiency.

Module 2: Basic and Advanced Searching Techniques

Learning Objectives:

- Learn to execute basic and advanced searches in Splunk.
- Refine search techniques to improve data retrieval accuracy.

Topics Covered

Basic Search Commands:

- Using search terms and filters.
- Introduction to Splunk's search processing language (SPL).

Advanced Search Techniques:

- Utilizing operators and functions in searches.
- Implementing time range searches and pivots.

Module 3: Field Extractions and Data Filtering

Learning Objectives:

- Master field extractions and data filtering processes.
- Optimize data extraction for clean and accurate datasets.

Topics Covered

Field Extraction Methods:

- Automatic vs. manual field extractions.
- Creating regex for custom extractions.

Data Filtering Techniques:

- Applying filters to streamline datasets.
- Combining multiple filters for precise data extraction.

Module 4: Report Generation and Statistical Analysis

Learning Objectives:

- Create comprehensive reports using Splunk.
- Apply statistical tools for indepth data analysis.

Topics Covered

Report Creation and Management:

- Building and saving reports in Splunk.
- Scheduling reports for regular updates.

Statistical Analysis in Splunk:

- Using statistical commands and functions.
- Interpreting statistical data for business insights.

Module 5: Building Dashboards and Data Visualizations

Learning Objectives:

- Design and construct interactive dashboards.
- Develop effective data visualizations for insights presentation.

Topics Covered

Dashboard Design Principles:

- Structuring dashboards for clarity and impact.
- Integrating multiple visual elements in a dashboard.

Visualization Tools and Techniques:

- Best practices in data visualization.
- Customizing visualizations for target audiences.

Module 6: Practical Application and Exam Preparation

Learning Objectives:

- Apply skills to solve realworld data challenges using Splunk.
- Prepare for the Splunk Core Certified User exam confidently

Topics Covered

Realworld Data Application Scenarios:

- Case studies and practical exercises.
- Solving typical Splunk data challenges.

Exam Preparation Strategies:

- Reviewing exam topics and formats.
- Exam tips and practice questions for confidence building.