



# LOG 202

# ANALYZE LOGS, VISUALIZE DATA AND ANSWER BUSINESS-CRITICAL QUESTIONS USING FALCON LOGSCALE

## COURSE OVERVIEW

Are you responsible for analyzing data to provide actionable insights for your organization? In this immersive course, you will gain hands-on experience with CrowdStrike® Falcon LogScale for analyzing logs, visualizing data and answering business-critical questions. Learn to design compelling widgets and dashboards, optimize dashboard interactions and strategically architect parameterized dashboards using the CrowdStrike® Falcon LogScale Query Language (LQL). This course is especially beneficial for roles such as data analysts, IT administrators and log management specialists.

## WHAT YOU WILL LEARN

In this course, you will:

- Prepare data for use in visualizations.
- Use LQL and JitRex regular expressions (Regex) to extract meaningful information out of your structured and unstructured data.
- Create widgets and dashboards in Falcon LogScale to visualize and represent your data narrative.
- Implement a systematic workflow for processing new data sources in your environment, enabling you to ask better questions of your data.

## PREREQUISITES

- Completion of LOG101: Getting Started with LogScale
- Ability to comprehend course curriculum presented in English
- Basic knowledge of and/or experience with Microsoft Windows and Linux environments
- Familiarity with log management concepts and regular expression usage

## CLASS MATERIAL



Download your Learner Guide and Lab Guide from CrowdStrike University once the class starts.

1-day program | 2 credits

This instructor-led course includes hands-on labs that allow you to practice and apply what you've learned.



### Take this class if:

You are a data analyst, IT administrator or log management specialist. This course is intended for organizations that have purchased or are looking to purchase Falcon LogScale.

### Registration

For a list of scheduled courses and registration access, please log in to your CrowdStrike University account. This course requires two (2) training credits. If you need to purchase training credits, need more information or do not have access to CrowdStrike University, please contact [sales@crowdstrike.com](mailto:sales@crowdstrike.com).

## LOG 202: Analyze Logs, Visualize Data and Answer Business-Critical Questions Using Falcon LogScale

### MODULE 1: PREPARE FOR DATA ANALYSIS IN FALCON LOGSCALE

- Navigate the Falcon LogScale Search and Dashboard Consoles.
- Grasp the fundamentals of query structure and syntax.
- Complete complex query tasks involving LQL and JitRex syntax.
- Comprehend the fundamental concepts of LQL.
- Recognize the representation of time and data and the usage of the `formatTime()` and `parseTimestamp()` functions to format time.

### MODULE 2: ANALYZE DATA SOURCES USING DATA ANALYSIS TECHNIQUES

- Apply set theory and case logic to cluster and classify data.
- Use LQL functions to transform data into actionable information.
- Use LQL functions to perform statistical analysis on data.
- Use LQL functions to format data for reporting.
- Integrate data sources using the `join()` and `match()` functions for a holistic view of your data.
- Implement statistical analysis to support data modeling and decision-making.
- Apply statistical analysis concepts to generate heat maps and histograms.

### MODULE 3: VISUALIZE DATA IN FALCON LOGSCALE

- Design and personalize widgets and dashboards to effectively represent knowledge in data.
- Create and distribute wall-monitor URLs.
- Create and configure parameterized dashboards.
- Design and configure dashboard interactions to enrich data.



This instructor-led course includes hands-on labs that allow you to practice and apply what you've learned.