DATA ANALYSIS WITH KIBANA

A powerful search and analytics engine needs an equally powerful user interface for creating advanced visualizations and performing deeper analysis. This course focuses on exactly that, using Kibana to analyze data in Elastic. Starting with the fundamentals, you will learn the core concepts of data analysis using Kibana — from simple aggregation-based charts to complex geo-based visualizations to results of machine learning jobs of complex time series data — through lectures, labs, and Q&A sessions. You will also learn how to create visualizations and interactive dashboards across a variety of data sets, as well as how to manage Kibana by handling saved objects and creating spaces. By the end of this course, you will be able to easily find answers and anomalies in your Elasticsearch data sets using Kibana. After completing this course, you will be prepared for the Elastic Certified Analyst exam.

LESSONS

All lessons include a hands-on lab.

Getting started
See how Kibana can be used to analyze all of your data. Build your first dashboard with a few simple visualizations. Learn how to manage your content using Spaces so all your teammates can build their own dashboards using the same cluster and the same dataset.

Search your data
Use Discover to explore your data before building out dashboards. Use the query bar and build filters to search your data. Learn how Kibana's search features can be used to analyze

data. Use Lens to get a better understanding of the values you have in your fields.

Visualize your data
Ready to build your dashboards? Populate them with visualizations using Lens and Maps – build bar charts, line charts, pie charts, heat maps, and more. Learn how to customize your visualizations or build multi-layered visualizations. Learn about panel and dashboard options to control the look of your visualizations.

COURSE INFORMATION

Audience
Any technical or non-technical users, including Data Analysts, Security Analysts, Operations Analysts, DevOps, and other business professionals

Duration
24 Hours

Language
English

Prerequisites
No prior knowledge of Kibana or the Elastic Stack required

Requirements
- Stable internet connection
- Mac, Linux, or Windows
- Latest version of Chrome or Firefox (other browsers not supported)
- Disable any ad blockers and restart your browser before class

elastic

DATA ANALYSIS WITH KIBANA

LESSONS (CONTINUED)

All lessons include a hands-on lab.

Additional Visualizations

Text on dashboards can be descriptions or instructions, computed values, a table of values, or even a table of dashboards. Learn how to customize the look of text on dashboards. Make dashboards interactive by adding controls to apply dashboard-level filters or drilldowns that help you navigate to other dashboards.

Present your data

Share your dashboards using iframes, permalinks, or PDF/PNG reports. Learn about Canvas, our pixel-perfect presentation tool. Learn about the different presentation and sharing settings for Canvas.

Analyze your data with machine learning

Use anomaly detection and data frame analytics wizards to set up supervised and unsupervised machine learning jobs. Learn about forecasting, adding swimlanes to your dashboards, creating alerts, and settings for calendar rules and model snapshots.

Advanced Kibana

Learn about runtime fields that you add to index patterns to compute data on the fly. Learn about saved sessions for long running searches. Learn about new Maps features like tracking and time sliders.

Alerting

Learn how to create customized Alerts within Kibana to be notified of particular events as these happen and not as part of the post-mortem. Explore the in-app possibilities available in Kibana to create Alerts with relevant data with a rich flyout menu. Troubleshoot and monitor your created Alerts from a central management location.