

Learn Elastic

a guide to training and certification

Training & Certification

What you can expect

Build the skills and knowledge you need to achieve Elastic Stack proficiency. Our immersive, lab-based curriculum enables you to tackle any use case and explore what's possible with Elastic.

- Straight from the source: Our experienced instructors are deeply rooted in everything Elastic.
- Real-world content: Our solution-based curriculum aligns technical concepts to common use cases like logging, application search, metrics, and more.
- Practice makes perfect: Hands-on exercises and knowledge checks create an immersive learning environment.
- Career-boosting certification: Demonstrating your technical Elastic Stack proficiency with a performance-based certification enhances your professional visibility.



Flexible ways to learn

Courses come in a variety of formats so you can maximize your budget and learn when you want, where you want.



Instructor-led

Live, immersive training delivered by Elastic experts

Public

Classes conducted in an interactive virtual classroom

Private

Dedicated team training for your organization



On-demand

Technical content & labs hosted in an online environment

Self-paced learning

Learn at your own pace and location with lab-based content



Annual subscriptions

Full access to the comprehensive Elastic Training portfolio for 365 days

Year-round learning

Build and expand critical skills with on-demand and public (virtual) subscription options



Education is important to us

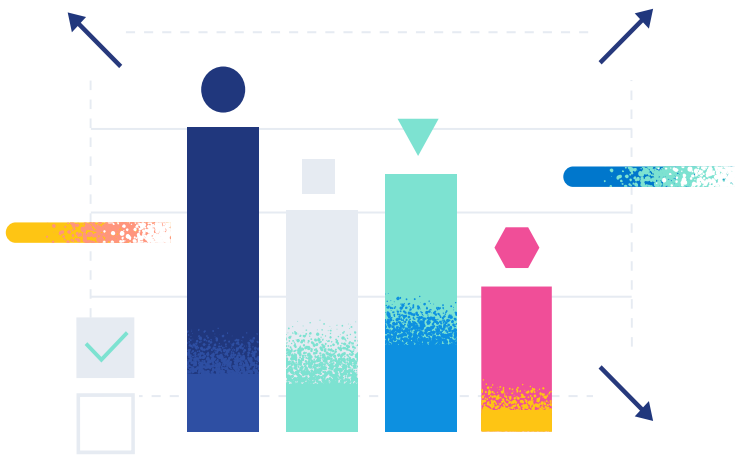
Whether you are a new user or have been using Elasticsearch since its inception, you never stop learning how to interact with your data. And with how fast technology advances and changes, it is incredibly important to us to help our users stay in-the-know about all the latest advances within the Elastic platform. This knowledge keeps your skills sharp, enhances your ability to use Elastic to its full potential, and ensures that you succeed within the Elastic Platform.

Our courses are built to get you learning and practicing from the very beginning, which is why our courses include a fully customized lab environment.

Education leads to customer success.

Training is the best way to get every bit of value you can from your Elastic investment.

Below are some key quotes from customers who attribute their success with Elastic to their use of the training courses we provide.



ECI

In addition to professional consultation services from Elastic engineers, Kamyar attributes the success of the project to easy deployment on Elastic Cloud, and on-demand training courses available on Elastic Learning. As a result, ECI moved swiftly from proof of concept to a fully functioning SIEM.

“The Elastic training was excellent, especially the mentors and on-demand and virtual in-person training.”

– Kamyar Kojouri, Director of Security Operations, ECI

DVLA (Driver & Licencing Agency)

What value did Elastic Training bring to DVLA?

Matt: Right off the bat, in each of these training courses, we were able to talk in more detail about what we wanted to achieve, as well as discuss the best approach to tackle our challenges.

We got the opportunity to collaborate in a productive way on the different ideas we had.

After engaging with Elastic Training, does DVLA now have the right skills?

Matt: Absolutely. Our teams feel better equipped in getting their hands onto the Elastic Stack and have started building their own dashboards. The training courses helped them grasp the potential of the Elastic Stack and how to move forward.

Following on from these training courses, we’re also thinking of expanding our usage of the Elastic Stack within the DVLA. We started getting more interested in Elastic Security, and now we’re engaged in creating a proof of concept for Elastic’s SIEM.



Lab environments are important for learning

Lecture, theory, diagrams, and reading are all incredibly beneficial for learning, but experience and practice are critical for learning processes and executing ideas.

While the documentation for getting started is helpful for setting up a system (and [we do have a lot of documentation you can check out](#)), our courses help you put the “how-to” together with the “why” and “when.” And what better way to reinforce those concepts than by putting them into practice right away!

This is why we have a robust lab environment for most of our courses. We provide you a workshop and playground where you can experiment, learn, and most importantly, break things with minimal to no consequences; you may have to restart your environment or repeat some steps, but making mistakes in a safe space is a part of the learning process. Labs are critical for cementing everything you are learning within our classes.

Elastic Certification Program

Elastic Certification lets the developer community, team members, and employers know that you aren't just an Elastic user, but you are an Elastic Professional.

Our performance-based certification exams replicate some of the real-world scenarios you'll encounter while using the Elastic Platform. Prove your ability to accomplish specific tasks, search through the data, and find the answer you need.

This makes for a richer testing environment and also gives you credibility and bragging rights when you say,

“Yes, I'm Elastic Certified”.

The certifications we currently offer at Elastic are, Elasticsearch Engineer, Data Analysis with Kibana, and Elastic Observability Engineer.

You can find out more on our website about how to [become an Elastic Certified Professional today!](#)



Our Courses

Overview

Data Analysis with Kibana

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.

If you are a data analyst using Elastic, or are new to Elastic, this course is for you.

No previous experience with the Elastic Stack is necessary for this class.

Topics include:

Data Visualizer, KQL and Filters, Data Analysis, Dashboards, Canvas, Runtime Fields, Alerts and Machine learning.

Elasticsearch Engineer

This course is designed for both new Elasticsearch users and Elasticsearch professionals. An essential starting point for Engineers and Operators alike.

It begins with the basics for getting started with the Elastic Stack, then quickly dives deep into topics ranging from optimizing search performance to building efficient clusters. You will learn about various ways to ingest and process data, how to write complex search requests and work with their responses, strategies for scaling your clusters up or down, managing indices in large clusters and multiple clusters, general cluster management, and troubleshooting recommendations.

Topics include: Query DSL, Data Types, Text Analysis, Data Mappings, Aggregations, Data Transforms, Enriching Data, and Building a Client.

Elastic Observability Engineer

This course is designed for both new Elastic users and Elastic professionals. An essential starting point for Observability, Data and IT Analysts, it also fits in nicely with Elasticsearch Engineer for other Operator, Manager, and Engineer roles.

The goal of designing and building an observable system is to make sure that when it is running, Operators responsible for it can detect undesirable behaviors and have actionable information to pin down the root cause in an effective manner.

This course provides a strong foundation to implement unified observability within the Elastic Platform.

You will learn how to collect logs, metrics, uptime and APM data, and then ship them to a single datastore — Elasticsearch.

You will also learn how unified observability data can be made even more actionable through machine learning and alerting, as well as easier to correlate data across different sources. Using Kibana, you will also explore how to visualize your observability data through an intuitive user interface.

Topics include:
APM, Agent and Fleet, Logging and Metrics, Pipelines, ECS, and Event Management.

While no previous experience with the Elastic Stack is necessary for this class, we do recommend a working knowledge of Linux terminal commands and editors.



Introduction to ES|QL

This course is designed for experienced Elastic users and professionals.

In this course, you will develop the skills and knowledge required to build ES|QL pipelines to speed up data analysis and investigation processes. Students will also learn how ES|QL simplifies searching, aggregating, and visualizing large data sets.

Topics include:
ES|QL Syntax, Structuring Data, Retrieving Data, Enriching Data, Aggregating Data, Workflow and Use-Cases.

You will need an understanding of the concepts from **Elasticsearch Engineer** or **Data Analysis with Kibana** to be successful in this course.

ESRE Engineer

This course is designed for experienced Elastic users and professionals. A deep-dive into just how powerful the search experience is within the Platform.

Developers, Software Engineers, and Platform Administrators, will learn how to leverage the Elasticsearch Relevance Engine (**ESRE**) and large language models (**LLMs**) to build advanced RAG (**Retrieval-Augmented Generation**) applications that combine the storage, processing, and search features of Elasticsearch with the generative power of an LLM.

Through lessons and hands-on labs, students will develop the skills and knowledge required to build RAG applications using natural language and deliver highly relevant results, generate contextually rich content, and solve real-world problems.

Topics include:

Data Retrieval, GenAI Applications, Full-text and Semantic Search, RAG Application Development, Application Integration, Elastic AI Assistant.

We will develop applications using the Python programming language. A strong foundation in software development and programming concepts is required.

We also **strongly recommend** a successful completion of the **Elasticsearch Engineer** course as well.



Elastic Security for SIEM

This course is designed for Professionals who are using Elastic Security as their SIEM.

Elastic Security for SIEM takes SOC Managers, Security Analysts of all levels, and Platform Engineers through an overview of the Elastic Stack, Fleet, and Elastic Agent. You will then learn how to create visualizations and dashboards and how to use Lens before diving into the Security solution. Finally, you will conduct a threat hunting capstone exercise to tie everything together.

Topics include: Elastic Common Schema, Visualizations, Dashboards, Lens, Security App, Fleet, and Agent.

You will need a basic understanding of Networking, Common Network Monitoring Tools, Operating Systems (Windows and Linux), Vulnerabilities, and Exploit Methodology.

Elastic Performance and Tuning

In this course, Elastic Operators, System Administrators, and Site Reliability Managers (SREs), will explore tools and techniques that will better optimize and tune their own Elastic cluster.

The course will also cover hardware-to-software optimization techniques and stress-testing the Elastic environment to identify bottlenecks that may impede proper cluster operation in a production-level environment.

Topics include: Tuning Pipelines and Searches, Improving APM, Testing with ES Rally, Software Optimization, Search Optimization, and Performance Technology.

The completion of **Elasticsearch Engineer** is **required** before taking Elastic Performance and Tuning. Students should have a deep knowledge of Elasticsearch infrastructure and operating systems to be successful.

Prior knowledge of the use of performance testing tools and techniques is also strongly recommended but not required.



Where do I start learning?

Learning Paths at Elastic

We have lots of courses available in our catalog at Elastic, so we want to help point you in the right direction to maximize the value you receive.

Whether you'd like to become a certified practitioner or not, your ultimate goal is to learn the platform, create good habits through best-practices, and get the most of the very product you are interfacing with on a daily basis.

The next section of this guide lays out suggested Elastic learning paths. These paths are created based on the Elastic solution your team is utilizing as well as your persona within the organization. Not sure which persona fits you best? We've provided some common role titles within your organization as well as a description of what kinds of things the persona might accomplish within the team to help you choose the right path for you.

We've drawn the map, but you get to drive. Our learning paths are laid out in the order that gives you the most comprehensive learning experience. We recommend taking the courses in the order presented – from top to bottom on the page – but we also realize that not everyone has the time or budget to participate in all of the courses within a path.

In that case, you should focus on the **“Strongly Recommended”** courses first. These will cover the most critical topics for success for that Elastic persona.

“Recommended” and **“Optional”** courses can be re-ordered, or in the most constrained situation even skipped. But keep in mind that taking the full pathway in the order suggested gives you relevant background material to help you be more successful with Elastic.

The courses outlined in these learning pathways are comprehensive and technical.

If you are looking for something less in-depth, we recommend you review the many resources available for getting started at elastic.co/getting-started.



Observability Platform Admin

Common role titles include:

- Observability Engineer
- Observability Manager
- Data Engineer
- DevOps Engineer
- Platform Manager
- Site Reliability Engineer (SRE)

Who is this for?

These team members keep the platform running.

They may work together with Elastic Consulting to make key decisions on the architecture of the platform, data pipelines and ingest, and how users will interact with the platform once it is deployed.

Elasticsearch Engineer

🕒 Recommended

- Query DSL
- Aggregations
- Enriching Data
- Data Mappings
- Data Transforms
- Building a Client

Elastic Observability Engineer

🕒 Strongly Recommended

- Agent and Fleet
- ECS
- APM
- Event Management
- Pipelines
- Logging and Metrics

Data Analysis with Kibana

🕒 Recommended

- Data Visualizer
- Alerts
- KQL and Filters
- Machine Learning
- Dashboards
- Runtime Fields

Elastic Performance and Tuning

🕒 Recommended

- Tuning Pipelines
- Tuning Searches
- Improving APM
- Performance Technology
- Testing with ESRally
- Search Optimization

Observability Platform User

Common role titles include:

- Data Analyst
- Observability Analyst
- IT Analyst

Who is this for?

These team members are the backbone of your observability solution.

They create and/or use Kibana dashboards to analyze your observability data and turn insights into action.

Elastic Observability Engineer

☑ Strongly Recommended

- Logging App
- APM
- Event Management

- Metrics App
- ECS
- Pre-Built Dashboards

Data Analysis with Kibana

☑ Recommended

- Data Visualizer
- Alerts
- KQL and Filters

- Machine Learning
- Dashboards
- Runtime Fields

Introduction to ES|QL

☑ Recommended

- ES|QL Syntax
- Retrieving Data
- Aggregating Data

- Structuring Data
- Enriching Data
- Workflow and Use-Cases

Observability Platform User Migration to Elastic

Common role titles include:

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- Observability Analyst
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- Performance Technology
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- Search Optimization

Stack Platform Admin

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- Platform Manager
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- Enriching Data
- Workflow and Use-Cases

GenAI Engineer

Common role titles include:

- GenAI Developer
- RAG Developer
- AI Application Manager
- AI Program Manager
- Platform Administrator
- Data Scientist

Who is this for?

These team members build RAG (Retrieval-Augmented Generation) applications that are powered by the high-relevance search features of Elastic.

They are proficient in software development and programming concepts, particularly Python.

Elasticsearch Engineer

👍 Strongly Recommended

- Query DSL
- Aggregations
- Enriching Data
- Data Mappings
- Data Transforms
- Building a Client

Data Analysis with Kibana

👍 Recommended

- Data Visualizer
- Alerts
- KQL and Filters
- Machine Learning
- Dashboards
- Runtime Fields

Elastic Observability Engineer

👍 Recommended

- Agent and Fleet
- ECS
- APM
- Event Management
- Pipelines
- Logging and Metrics

Elasticsearch Relevance Engine (ESRE) Engineer

👍 Strongly Recommended

- Data Retrieval
- GenAI Applications
- Application Integration
- Full-text and Semantic Search
- RAG Application Development
- Elastic AI Assistant

Security Analyst Migration to Elastic

Common role titles include:

- Security Analyst
- Tier 1, 2, or 3 Analyst
- SOC Manager

Who is this for?

These team members are the backbone of your SIEM solution.

They create and/or use Kibana dashboards to detect threats.

Elastic Security for SIEM

📌 Strongly Recommended

- Elastic Common Schema (ECS)
- Fleet
- Agent
- Security App
- Visualizations
- Dashboards

Data Analysis with Kibana

⊕ Optional

- Data Visualizer
- Alerts
- KQL and Filters
- Machine Learning
- Dashboards
- Runtime Fields

Introduction to ES|QL

📌 Recommended

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Security Platform Admin Migration to Elastic

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- Platform Engineer

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Elastic Performance and Tuning

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Elastic training subscriptions

An all-access pass to technical skills development

These comprehensive, year-round learning solutions make it easy to enhance your skills and unlock the full potential of the Elastic Stack. Get full access to the comprehensive Elastic training portfolio for 365 days.

Why Elastic training subscriptions?

- **Anywhere, anytime training** - Build skills when you want and where you want. New courses and updates are added to your training subscription in real time.
- **Career boosting certification** - Take a trial run with practice exams in our testing environment. And when you're ready for the real thing, enjoy additional exam attempts.
- **Ask-the-Instructor sessions** - Have questions? Get expert guidance and Q&A during live, virtual forums.
- **Guaranteed enrollment** - We'll save a seat for you. A **Professional** training subscription ensures your spot in instructor-led, virtual courses

Ways to learn

Courses come in a variety of formats so you can maximize your budget and learn when you want, where you want.



Extensive curriculum

Classes span the Elastic Stack. New courses added in real time so you're always ahead of the curve.



On-demand

Self-paced learning with technical content and labs hosted in an online environment.



Instructor-led

Live, public training delivered by Elastic experts in an interactive virtual classroom.



Hands-on labs

Hands-on exercises and knowledge checks create an immersive learning environment.



Subscription Offerings

The Elastic Stack is always growing and getting better, and so is our Elastic training catalog. To make sure you have access to the latest courses, we've got you covered with a variety of Elastic training subscriptions.



Basic

- ✓ All on-demand courses
- ✓ Hands-on labs
- ✓ PDF course materials

[Get Started](#)



Standard

- ✓ All on-demand courses
- ✓ Hands-on labs
- ✓ PDF course materials
- ✓ One practice exam attempt per [certification path](#)
- ✓ One exam attempt per [certification path](#)
- ✓ Ask-the-Instructor sessions

[Get Started](#)



Professional

- ✓ All on-demand courses
- ✓ Hands-on labs
- ✓ PDF course materials
- ✓ One practice exam attempt per [certification path](#)
- ✓ One exam attempt per [certification path](#)
- ✓ Ask-the-Instructor sessions
- ✓ All instructor-led, virtual courses
- ✓ Guaranteed slot in all virtual courses
- ✓ First access to new courses

[Get Started](#)

[View courses →](#)

Get Started

Check out the [Elastic Training Schedule](#) for our current public training schedule.

If On-Demand, self-paced learning is more your speed, check out all of our On-Demand offerings at elastic.co/training.

If you need private training, [get in touch with us](#), we would be happy to help define what is needed and get you started right away.

And again, you can find out more about purchasing a training subscription by [filling out our interest form](#).