UNDERSTANDING AND CONTROLLING RELEVANCE

Overview

Relevance is a crucial element when striving for a good search experience. This instructor-led course provides a solid understanding of what good relevance is about, why it is specific to the individual use-case, and why there is no magic bullet to get it solved. You will learn about the different strategies to improve relevance and, by doing so, you will also explore and familiarize yourself with the rich set of options and specialized queries Elasticsearch offers. After completing this module, you will be able to evaluate and improve relevance in your use case.

Audience

Software Developers and Engineers, Data Architects, DevOps

Duration

Virtual Classroom - 1 day | 2-3 hours

Language

English

Prerequisites

We recommend you have taken Elasticsearch Engineer I and Elasticsearch Engineer II or possess equivalent knowledge. Engineer I and Engineer II teach the concepts that are the foundation upon which all specializations are built.

Requirements

· Stable internet connection

· Mac, Linux, or Windows

· Latest version of Chrome or Firefox (Safari is not 100% supported)

· Due to virtual classroom JavaScript requirements, we recommend that you disable any ad-blockers and restart your browser before class.

UNDERSTANDING AND CONTROLLING RELEVANCE

Modules

The Need for Customized Relevance
- Learn what contributes to a good search experience and understand why there are so many options when trying to return relevant results.

- **Hands-on Lab**

Controlling Relevance with Queries and Boosts
- Learn about the different approaches to control relevance by leveraging the *bool* and *multi-match* queries. In particular, we cover the pros and cons of a field-centric vs. a term-centric query strategy. You will also learn about the *common terms* and the *constant score* queries and how to make best use of boosting.

- **Hands-on Lab**

Advanced Scoring Customization Options
- Learn how to configure and implement custom score calculations by leveraging the *function score* query. As score calculations can be costly, negatively affecting query performance, you will also learn how to minimize the impact with the help of the *rescore API*.

- **Hands-on Lab**

Art and Science behind good Search Relevance
- We conclude this module with some practical guidance on how to transform your data and requirements into a solution with good search relevance.

- **Hands-on Lab**

elastic