



Elasticsearch for Hadoop

By Vishal Shukla

[Download now](#)

[Read Online](#) 

Elasticsearch for Hadoop By Vishal Shukla

Integrate Elasticsearch into Hadoop to effectively visualize and analyze your data

About This Book

- Build production-ready analytics applications by integrating the Hadoop ecosystem with Elasticsearch
- Learn complex Elasticsearch queries and develop real-time monitoring Kibana dashboards to visualize your data
- Use Elasticsearch and Kibana to search data in Hadoop easily with this comprehensive, step-by-step guide

Who This Book Is For

This book is targeted at Java developers with basic knowledge on Hadoop. No prior Elasticsearch experience is expected.

What You Will Learn

- Set up the Elasticsearch-Hadoop environment
- Import HDFS data into Elasticsearch with MapReduce jobs
- Perform full-text search and aggregations efficiently using Elasticsearch
- Visualize data and create interactive dashboards using Kibana
- Check and detect anomalies in streaming data using Storm and Elasticsearch
- Inject and classify real-time streaming data into Elasticsearch
- Get production-ready for Elasticsearch-Hadoop based projects
- Integrate with Hadoop eco-system such as Pig, Storm, Hive, and Spark

In Detail

The Hadoop ecosystem is a de-facto standard for processing terra-bytes and peta-bytes of data. Lucene-enabled Elasticsearch is becoming an industry standard for its full-text search and aggregation capabilities. Elasticsearch-Hadoop serves as a perfect tool to bridge the worlds of Elasticsearch and Hadoop ecosystem to get

best out of both the worlds. Powered with Kibana, this stack makes it a cakewalk to get surprising insights out of your massive amount of Hadoop ecosystem in a flash.

In this book, you'll learn to use Elasticsearch, Kibana and Elasticsearch-Hadoop effectively to analyze and understand your HDFS and streaming data.

You begin with an in-depth understanding of the Hadoop, Elasticsearch, Marvel, and Kibana setup. Right after this, you will learn to successfully import Hadoop data into Elasticsearch by writing MapReduce job in a real-world example. This is then followed by a comprehensive look at Elasticsearch essentials, such as full-text search analysis, queries, filters and aggregations; after which you gain an understanding of creating various visualizations and interactive dashboard using Kibana. Classifying your real-world streaming data and identifying trends in it using Storm and Elasticsearch are some of the other topics that we'll cover. You will also gain an insight about key concepts of Elasticsearch and Elasticsearch-hadoop in distributed mode, advanced configurations along with some common configuration presets you may need for your production deployments. You will have “Go production checklist” and high-level view for cluster administration for post-production. Towards the end, you will learn to integrate Elasticsearch with other Hadoop eco-system tools, such as Pig, Hive and Spark.

Style and approach

A concise yet comprehensive approach has been adopted with real-time examples to help you grasp the concepts easily.

 [Download Elasticsearch for Hadoop ...pdf](#)

 [Read Online Elasticsearch for Hadoop ...pdf](#)

Elasticsearch for Hadoop

By *Vishal Shukla*

Elasticsearch for Hadoop By Vishal Shukla

Integrate Elasticsearch into Hadoop to effectively visualize and analyze your data

About This Book

- Build production-ready analytics applications by integrating the Hadoop ecosystem with Elasticsearch
- Learn complex Elasticsearch queries and develop real-time monitoring Kibana dashboards to visualize your data
- Use Elasticsearch and Kibana to search data in Hadoop easily with this comprehensive, step-by-step guide

Who This Book Is For

This book is targeted at Java developers with basic knowledge on Hadoop. No prior Elasticsearch experience is expected.

What You Will Learn

- Set up the Elasticsearch-Hadoop environment
- Import HDFS data into Elasticsearch with MapReduce jobs
- Perform full-text search and aggregations efficiently using Elasticsearch
- Visualize data and create interactive dashboards using Kibana
- Check and detect anomalies in streaming data using Storm and Elasticsearch
- Inject and classify real-time streaming data into Elasticsearch
- Get production-ready for Elasticsearch-Hadoop based projects
- Integrate with Hadoop eco-system such as Pig, Storm, Hive, and Spark

In Detail

The Hadoop ecosystem is a de-facto standard for processing terra-bytes and peta-bytes of data. Lucene-enabled Elasticsearch is becoming an industry standard for its full-text search and aggregation capabilities. Elasticsearch-Hadoop serves as a perfect tool to bridge the worlds of Elasticsearch and Hadoop ecosystem to get best out of both the worlds. Powered with Kibana, this stack makes it a cakewalk to get surprising insights out of your massive amount of Hadoop ecosystem in a flash.

In this book, you'll learn to use Elasticsearch, Kibana and Elasticsearch-Hadoop effectively to analyze and understand your HDFS and streaming data.

You begin with an in-depth understanding of the Hadoop, Elasticsearch, Marvel, and Kibana setup. Right after this, you will learn to successfully import Hadoop data into Elasticsearch by writing MapReduce job in a real-world example. This is then followed by a comprehensive look at Elasticsearch essentials, such as full-text search analysis, queries, filters and aggregations; after which you gain an understanding of creating various visualizations and interactive dashboard using Kibana. Classifying your real-world streaming data

and identifying trends in it using Storm and Elasticsearch are some of the other topics that we'll cover. You will also gain an insight about key concepts of Elasticsearch and Elasticsearch-hadoop in distributed mode, advanced configurations along with some common configuration presets you may need for your production deployments. You will have “Go production checklist” and high-level view for cluster administration for post-production. Towards the end, you will learn to integrate Elasticsearch with other Hadoop eco-system tools, such as Pig, Hive and Spark.

Style and approach

A concise yet comprehensive approach has been adopted with real-time examples to help you grasp the concepts easily.

Elasticsearch for Hadoop By Vishal Shukla Bibliography

- Rank: #1660664 in eBooks
- Published on: 2015-10-27
- Released on: 2015-10-27
- Format: Kindle eBook



[Download Elasticsearch for Hadoop ...pdf](#)



[Read Online Elasticsearch for Hadoop ...pdf](#)

Editorial Review

About the Author

Vishal Shukla

Vishal Shukla is the CEO of Brevitaz Systems (<http://brevitaz.com>) and a technology evangelist at heart. He is a passionate software scientist and a big data expert. Vishal has extensive experience in designing modular enterprise systems. Since his college days (more than 11 years), Vishal has enjoyed coding in JVM-based languages. He also embraces design thinking and sustainable software development. He has vast experience in architecting enterprise systems in various domains. Vishal is deeply interested in technologies related to big data engineering, analytics, and machine learning. He set up Brevitaz Systems. This company delivers massively scalable and sustainable big data and analytics-based enterprise applications to their global clientele. With varied expertise in big data technologies and architectural acumen, the Brevitaz team successfully developed and re-engineered a number of legacy systems to state-of-the-art scalable systems. Brevitaz has imbibed in its culture agile practices, such as scrum, test-driven development, continuous integration, and continuous delivery, to deliver high-quality products to its clients. Vishal is a music and art lover. He loves to sing, play musical instruments, draw portraits, and play sports, such as cricket, table tennis, and pool, in his free time. You can contact Vishal at vishal.shukla@brevitaz.com and on LinkedIn at <https://in.linkedin.com/in/vishalshu>. You can also follow Vishal on Twitter at [@vishal1shukla2](https://twitter.com/vishal1shukla2).

Users Review

From reader reviews:

Gladys James:

The book Elasticsearch for Hadoop can give more knowledge and also the precise product information about everything you want. Why must we leave the good thing like a book Elasticsearch for Hadoop? Some of you have a different opinion about reserve. But one aim that book can give many info for us. It is absolutely right. Right now, try to closer together with your book. Knowledge or facts that you take for that, you may give for each other; you could share all of these. Book Elasticsearch for Hadoop has simple shape but you know: it has great and big function for you. You can seem the enormous world by available and read a publication. So it is very wonderful.

Nannie Hernandez:

Spent a free a chance to be fun activity to do! A lot of people spent their down time with their family, or their friends. Usually they carrying out activity like watching television, gonna beach, or picnic inside the park. They actually doing ditto every week. Do you feel it? Do you want to something different to fill your current free time/ holiday? Can be reading a book might be option to fill your free time/ holiday. The first thing that you'll ask may be what kinds of publication that you should read. If you want to try out look for book, may be the guide untitled Elasticsearch for Hadoop can be great book to read. May be it is usually best activity to you.

Judith Cole:

Often the book Elasticsearch for Hadoop has a lot associated with on it. So when you read this book you can get a lot of advantage. The book was authored by the very famous author. The writer makes some research just before write this book. This specific book very easy to read you will get the point easily after scanning this book.

Doug Martin:

Is it a person who having spare time after that spend it whole day by simply watching television programs or just laying on the bed? Do you need something totally new? This Elasticsearch for Hadoop can be the answer, oh how comes? The new book you know. You are and so out of date, spending your extra time by reading in this fresh era is common not a geek activity. So what these textbooks have than the others?

Download and Read Online Elasticsearch for Hadoop By Vishal Shukla #E92WC01JISF

Read Elasticsearch for Hadoop By Vishal Shukla for online ebook

Elasticsearch for Hadoop By Vishal Shukla Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Elasticsearch for Hadoop By Vishal Shukla books to read online.

Online Elasticsearch for Hadoop By Vishal Shukla ebook PDF download

Elasticsearch for Hadoop By Vishal Shukla Doc

Elasticsearch for Hadoop By Vishal Shukla Mobipocket

Elasticsearch for Hadoop By Vishal Shukla EPub

E92WC01JISF: Elasticsearch for Hadoop By Vishal Shukla