



# Apache Spark for Java Developers

*Sumit Kumar, Sourav Gulati*

[Download now](#)

[Click here](#) if your download doesn't start automatically

# Apache Spark for Java Developers

*Sumit Kumar, Sourav Gulati*

**Apache Spark for Java Developers** Sumit Kumar, Sourav Gulati

## Key Features

- Perform Big Data processing with Spark—without having to learn Scala!
- Use the Spark Java API to implement efficient enterprise-grade applications for data processing and analytics
- Go beyond the mainstream data processing by adding querying capability, machine learning, and graph processing using Spark

## Book Description

Apache Spark is the buzzword in the Big Data industry right now, especially with the increasing need for real-time streaming and data processing. While Spark is built on Scala, the Spark Java API exposes all the Spark features available in the Scala version for Java developers. This book will show you how you can implement various functionalities of the Apache Spark framework in Java, without stepping out of your comfort zone.

The book starts with introduction to the Apache Spark ecosystem, followed by explaining the Spark installation and configuration, and refreshes the Java concepts that will be useful to you when consuming Apache Spark's APIs. You will explore RDD and its associated common Action and Transformation Java APIs, set up a production-like clustered environment, and work with Spark SQL. Moving on, you will perform near real-time processing with Spark streaming, machine learning analytics with Spark MLlib, and graph processing with GraphX using the various Java packages.

By the end of the book, you will have a solid foundation in implementing the components in the Spark framework in Java to build fast, real-time applications

## What you will learn

- Process data using different file formats such as XML, JSON, CSV, and plain and delimited text using Spark core Library
- Perform analytics on data from various data sources such as Kafka, Flume, and Twitter using Spark Streaming Library
- Learn SQL schema creation and analysis of structured data using various SQL functions including Windowing functions of Spark SQL Library
- Explore the Spark Mlib APIs while implementing machine learning techniques to solve real-world problems
- Get to know Spark GraphX so you understand various Graph-based analytics that can be performed with Spark

## About the Author

**Sumit Kumar** is a developer with industry insights in Telecom and Banking. At different junctures, he has worked as a Java and SQL developer, but it is Shell scripting that he finds both challenging and satisfying at the same time. Currently, he delivers Big Data projects focused around batch/near real-time analytics and the

Distributed Indexed Querying system. Besides IT, he takes a keen interest in human and ecological issues.

**Sourav Gulati** has worked in the software industry for more than 6 years. He started his career with Unix/Linux and Java and then moved into Big Data and the NoSQL World. He has worked on various Big Data projects and has done a production implementation of Spark in an IoT project as well. He has recently started a technical blog at [souravgulati.com](http://souravgulati.com). Outside of the technical world, he loves to read and understand mythology.

 [Download Apache Spark for Java Developers ...pdf](#)

 [Read Online Apache Spark for Java Developers ...pdf](#)

## Download and Read Free Online Apache Spark for Java Developers Sumit Kumar, Sourav Gulati

---

### From reader reviews:

#### **Celia Robertson:**

What do you with regards to book? It is not important along with you? Or just adding material when you want something to explain what your own problem? How about your free time? Or are you busy man? If you don't have spare time to accomplish others business, it is gives you the sense of being bored faster. And you have time? What did you do? Everyone has many questions above. They should answer that question simply because just their can do which. It said that about publication. Book is familiar on every person. Yes, it is proper. Because start from on pre-school until university need this Apache Spark for Java Developers to read.

#### **Richard Perkins:**

As people who live in the particular modest era should be update about what going on or data even knowledge to make these people keep up with the era which is always change and advance. Some of you maybe will probably update themselves by reading books. It is a good choice in your case but the problems coming to anyone is you don't know which you should start with. This Apache Spark for Java Developers is our recommendation so you keep up with the world. Why, as this book serves what you want and want in this era.

#### **Tammy Booker:**

Reading a book tends to be new life style in this era globalization. With examining you can get a lot of information which will give you benefit in your life. Having book everyone in this world can share their idea. Guides can also inspire a lot of people. Plenty of author can inspire their own reader with their story or even their experience. Not only situation that share in the books. But also they write about advantage about something that you need example of this. How to get the good score toefl, or how to teach your sons or daughters, there are many kinds of book which exist now. The authors on earth always try to improve their ability in writing, they also doing some study before they write on their book. One of them is this Apache Spark for Java Developers.

#### **Etsuko Siler:**

Reading can called mind hangout, why? Because when you are reading a book especially book entitled Apache Spark for Java Developers your brain will drift away trough every dimension, wandering in every aspect that maybe mysterious for but surely can become your mind friends. Imaging each and every word written in a reserve then become one form conclusion and explanation in which maybe you never get before. The Apache Spark for Java Developers giving you one more experience more than blown away your brain but also giving you useful data for your better life in this era. So now let us present to you the relaxing pattern is your body and mind will likely be pleased when you are finished reading it, like winning a casino game. Do you want to try this extraordinary investing spare time activity?

**Download and Read Online Apache Spark for Java Developers**  
**Sumit Kumar, Sourav Gulati #FNPL81U2047**

## **Read Apache Spark for Java Developers by Sumit Kumar, Sourav Gulati for online ebook**

Apache Spark for Java Developers by Sumit Kumar, Sourav Gulati 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 Apache Spark for Java Developers by Sumit Kumar, Sourav Gulati books to read online.

### **Online Apache Spark for Java Developers by Sumit Kumar, Sourav Gulati ebook PDF download**

**Apache Spark for Java Developers by Sumit Kumar, Sourav Gulati Doc**

**Apache Spark for Java Developers by Sumit Kumar, Sourav Gulati Mobipocket**

**Apache Spark for Java Developers by Sumit Kumar, Sourav Gulati EPub**