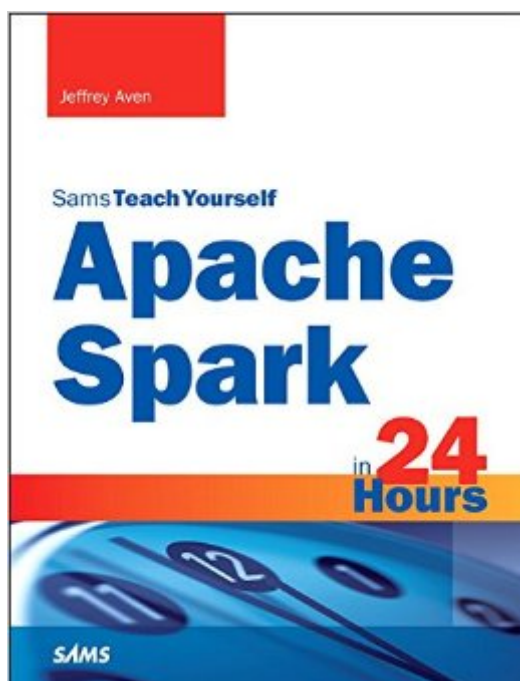


The book was found

Apache Spark In 24 Hours, Sams Teach Yourself



Synopsis

Apache Spark is a fast, scalable, and flexible open source distributed processing engine for big data systems and is one of the most active open source big data projects to date. In just 24 lessons of one hour or less, Sams Teach Yourself Apache Spark in 24 Hours helps you build practical Big Data solutions that leverage Spark's amazing speed, scalability, simplicity, and versatility. This book's straightforward, step-by-step approach shows you how to deploy, program, optimize, manage, integrate, and extend Spark "now, and for years to come. You'll discover how to create powerful solutions encompassing cloud computing, real-time stream processing, machine learning, and more. Every lesson builds on what you've already learned, giving you a rock-solid foundation for real-world success. Whether you are a data analyst, data engineer, data scientist, or data steward, learning Spark will help you to advance your career or embark on a new career in the booming area of Big Data. Learn how to

- Discover what Apache Spark does and how it fits into the Big Data landscape
- Deploy and run Spark locally or in the cloud
- Interact with Spark from the shell
- Make the most of the Spark Cluster Architecture
- Develop Spark applications with Scala and functional Python
- Program with the Spark API, including transformations and actions
- Apply practical data engineering/analysis approaches designed for Spark
- Use Resilient Distributed Datasets (RDDs) for caching, persistence, and output
- Optimize Spark solution performance
- Use Spark with SQL (via Spark SQL) and with NoSQL (via Cassandra)
- Leverage cutting-edge functional programming techniques
- Extend Spark with streaming, R, and Sparkling Water
- Start building Spark-based machine learning and graph-processing applications
- Explore advanced messaging technologies, including Kafka
- Preview and prepare for Spark's next generation of innovations

Instructions walk you through common questions, issues, and tasks; Q-and-As, Quizzes, and Exercises build and test your knowledge; "Did You Know?" tips offer insider advice and shortcuts; and "Watch Out!" alerts help you avoid pitfalls. By the time you're finished, you'll be comfortable using Apache Spark to solve a wide spectrum of Big Data problems.

Book Information

Series: Sams Teach Yourself

Paperback: 592 pages

Publisher: Sams Publishing; 1 edition (August 27, 2016)

Language: English

ISBN-10: 0672338513

ISBN-13: 978-0672338519

Product Dimensions: 7 x 1.3 x 8.9 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #58,582 in Books (See Top 100 in Books) #31 in Books > Computers & Technology > Databases & Big Data > Data Mining #49 in Books > Textbooks > Computer Science > Database Storage & Design #268 in Books > Computers & Technology > Networking & Cloud Computing

[Download to continue reading...](#)

Android Application Development in 24 Hours, Sams Teach Yourself (3rd Edition) (Sams Teach Yourself -- Hours) HTML and CSS in 24 Hours, Sams Teach Yourself (Sams Teach Yourself in 24 Hours) HTML and CSS in 24 Hours, Sams Teach Yourself (Updated for HTML5 and CSS3) (9th Edition) (Sams Teach Yourself in 24 Hours) Sams Teach Yourself WPF in 24 Hours (Sams Teach Yourself -- Hours) Apache Spark in 24 Hours, Sams Teach Yourself Sams Teach Yourself Google Analytics in 10 Minutes (Sams Teach Yourself -- Minutes) Gmail in 10 Minutes, Sams Teach Yourself (2nd Edition) (Sams Teach Yourself -- Minutes) Gmail in 10 Minutes, Sams Teach Yourself (Sams Teach Yourself -- Minutes) Arduino Programming in 24 Hours, Sams Teach Yourself Sams Teach Yourself Macromedia Fireworks MX in 24 Hours Sams Teach Yourself Adobe Premiere Pro in 24 Hours Sams Teach Yourself Mod Development for Minecraft in 24 Hours (2nd Edition) iOS 9 Application Development in 24 Hours, Sams Teach Yourself Sams Teach Yourself TCP/IP in 24 Hours (5th Edition) Sams Teach Yourself TCP/IP in 24 Hours (4th Edition) Unix in 24 Hours, Sams Teach Yourself: Covers OS X, Linux, and Solaris Unix in 24 Hours, Sams Teach Yourself: Covers OS X, Linux, and Solaris (5th Edition) Windows 8.1 Apps with XAML and C# Sams Teach Yourself in 24 Hours iOS 9 Application Development in 24 Hours, Sams Teach Yourself (7th Edition) Sams Teach Yourself Objective-C in 24 Hours (2nd Edition)

[Dmca](#)