Microsoft SQL Server 2012 with Hadoop

Debarchan Sarkar

Microsoft SQL Server 2012 with Hadoop

Debarchan Sarkar

Microsoft SQL Server 2012 with Hadoop Debarchan Sarkar

Getting SQL Server talking to Hadoop is a smooth process when you follow this tutorial. Learn all the tools and techniques you need integrate the data and then extract powerful business insights from the merged result.

Overview

- Integrate data from unstructured (Hadoop) and structured (SQL Server 2012) sources
- Configure and install connectors for a bi-directional transfer of data
- Full of illustrations, diagrams, and tips with clear, step-by-step instructions and practical examples

In Detail

With the explosion of data, the open source Apache Hadoop ecosystem is gaining traction, thanks to its huge ecosystem that has arisen around the core functionalities of its distributed file system (HDFS) and Map Reduce. As of today, being able to have SQL Server talking to Hadoop has become increasingly important because the two are indeed complementary. While petabytes of unstructured data can be stored in Hadoop taking hours to be queried, terabytes of structured data can be stored in SQL Server 2012 and queried in seconds. This leads to the need to transfer and integrate data between Hadoop and SQL Server.

Microsoft SQL Server 2012 with Hadoop is aimed at SQL Server developers. It will quickly show you how to get Hadoop activated on SQL Server 2012 (it ships with this version). Once this is done, the book will focus on how to manage big data with Hadoop and use Hadoop Hive to query the data. It will also cover topics such as using in-memory functions by SQL Server and using tools for BI with big data.

Microsoft SQL Server 2012 with Hadoop focuses on data integration techniques between relational (SQL Server 2012) and non-relational (Hadoop) worlds. It will walk you through different tools for the bi-directional movement of data with practical examples.

You will learn to use open source connectors like SQOOP to import and export data between SQL Server 2012 and Hadoop, and to work with leading in-memory BI tools to create ETL solutions using the Hive ODBC driver for developing your data movement projects. Finally, this book will give you a glimpse of the present day self-service BI tools such as Excel and PowerView to consume Hadoop data and provide powerful insights on the data.

What you will learn from this book

- Use the Native SQOOP Connector for data movement between SQL Server 2012 and Hadoop
- Configure and use the Hive ODBC driver to enable any ODBC compliant client to consume Hadoop data
- Create ETL solutions and automate data movement jobs between SQL Server 2012 and Hadoop using SQL Server Integration Services
- Provide powerful reporting on the integrated data with just a matter of a few clicks using Microsoft self-service BI tools
- Merge structured and unstructured data together in a common warehouse for analysis, which is essential

Approach

This book will be a step-by-step tutorial, which practically teaches working with big data on SQL Server through sample examples in increasing complexity.

Who this book is written for

Microsoft SQL Server 2012 with Hadoop is specifically targeted at readers who want to cross-pollinate their Hadoop skills with SQL Server 2012 business intelligence and data analytics. A basic understanding of traditional RDBMS technologies and query processing techniques is essential.

Download and Read Free Online Microsoft SQL Server 2012 with Hadoop Debarchan Sarkar

---

From reader reviews:

Omar Carter:

In other case, little individuals like to read book Microsoft SQL Server 2012 with Hadoop. You can choose the best book if you want reading a book. So long as we know about how is important a new book Microsoft SQL Server 2012 with Hadoop. You can add understanding and of course you can around the world by a book. Absolutely right, since from book you can recognize everything! From your country until finally foreign or abroad you will find yourself known. About simple issue until wonderful thing you are able to know that. In this era, you can open a book or perhaps searching by internet gadget. It is called e-book. You can use it when you feel fed up to go to the library. Let's read.

Mindy Arredondo:

That reserve can make you to feel relax. That book Microsoft SQL Server 2012 with Hadoop was bright colored and of course has pictures on the website. As we know that book Microsoft SQL Server 2012 with Hadoop has many kinds or category. Start from kids until youngsters. For example Naruto or Detective Conan you can read and think that you are the character on there. So , not at all of book are make you bored, any it makes you feel happy, fun and loosen up. Try to choose the best book in your case and try to like reading that.

Alberta Keyes:

What is your hobby? Have you heard in which question when you got scholars? We believe that that issue was given by teacher on their students. Many kinds of hobby, Everybody has different hobby. Therefore you know that little person similar to reading or as reading become their hobby. You should know that reading is very important and book as to be the point. Book is important thing to provide you knowledge, except your own teacher or lecturer. You get good news or update with regards to something by book. Many kinds of books that can you take to be your object. One of them is actually Microsoft SQL Server 2012 with Hadoop.

Candace Mathieu:

A number of people said that they feel weary when they reading a reserve. They are directly felt it when they get a half portions of the book. You can choose the actual book Microsoft SQL Server 2012 with Hadoop to make your personal reading is interesting. Your skill of reading ability is developing when you similar to reading. Try to choose very simple book to make you enjoy you just read it and mingle the opinion about book and studying especially. It is to be initial opinion for you to like to start a book and examine it. Beside that the guide Microsoft SQL Server 2012 with Hadoop can to be your brand-new friend when you're really feel alone and confuse in what must you're doing of these time.

Download and Read Online Microsoft SQL Server 2012 with Hadoop Debarchan Sarkar #FU45QI32LVR

Read Microsoft SQL Server 2012 with Hadoop by Debarchan Sarkar for online ebook

Microsoft SQL Server 2012 with Hadoop by Debarchan Sarkar 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 Microsoft SQL Server 2012 with Hadoop by Debarchan Sarkar books to read online.

Online Microsoft SQL Server 2012 with Hadoop by Debarchan Sarkar ebook PDF download

Microsoft SQL Server 2012 with Hadoop by Debarchan Sarkar Doc

Microsoft SQL Server 2012 with Hadoop by Debarchan Sarkar Mobipocket

Microsoft SQL Server 2012 with Hadoop by Debarchan Sarkar EPub