



# Instant Apache Hive Essentials How-to

*By Darren Lee*

Download now

Read Online ➔

## Instant Apache Hive Essentials How-to By Darren Lee

Leverage your knowledge of SQL to easily write distributed data processing applications on Hadoop using Apache Hive

### Overview

- Learn something new in an Instant! A short, fast, focused guide delivering immediate results
- Learn to use SQL to write Hadoop jobs
- Add support for data to Hive in your own file formats
- Understand how the Hive query processor works to optimize common queries

### In Detail

Hadoop provides a robust framework for building distributed applications, but working directly with Hadoop requires writing a lot of code. Adding structure to data and using a higher-level language such as SQL makes working with Hadoop both easier and faster.

"Instant Apache Hive Essentials How-to" contains a series of practical recipes that introduce the power and flexibility of Hive. Starting with your first query, this book will provide step-by-step instructions and behind-the-scenes explanations for how to effectively write MapReduce jobs with SQL.

This book looks at how Hive transforms SQL statements into MapReduce jobs and demonstrates how you can extend Hive to support your own use cases. Its recipes will teach you how to leverage the scale of Hadoop while retaining the benefits of using a structured query language. You will learn how Hive translates a query into MapReduce jobs and explore how to structure your queries for better performance. You will extend Hive to understand your own file formats, simplifying the loading of data into the warehouse. You will finally add your own custom functions to Hive to support whatever use cases you may have.

"Instant Apache Hive Essentials How-to" is a quick introduction for adding Hive to your data toolkit. It is packed with high-level instructions for making Hive work as well as drawing connections to the underlying Hadoop framework to explain how things happen.

## What you will learn from this book

- Start with the basics of loading data and writing your first query
- Use de-normalized data efficiently by manipulating complex data types
- Structure your data and queries to take advantage of Hive's optimizations
- Bring your own data files to Hive and teach Hive how to understand them
- Access the specialized functions built-in to Hive to manipulate your data
- Use Hive streaming to integrate code written in any language into your queries
- Extend Hive with user-defined functions

## Approach

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. This book provides quick recipes for using Hive to read data in various formats, efficiently querying this data, and extending Hive with any custom functions you may need to insert your own logic into the data pipeline.

## Who this book is written for

This book is written for data analysts and developers who want to use their current knowledge of SQL to be more productive with Hadoop. It assumes that readers are comfortable writing SQL queries and are familiar with Hadoop at the level of the classic WordCount example.

 [Download Instant Apache Hive Essentials How-to ...pdf](#)

 [Read Online Instant Apache Hive Essentials How-to ...pdf](#)

# Instant Apache Hive Essentials How-to

*By Darren Lee*

## **Instant Apache Hive Essentials How-to** By Darren Lee

Leverage your knowledge of SQL to easily write distributed data processing applications on Hadoop using Apache Hive

### **Overview**

- Learn something new in an Instant! A short, fast, focused guide delivering immediate results
- Learn to use SQL to write Hadoop jobs
- Add support for data to Hive in your own file formats
- Understand how the Hive query processor works to optimize common queries

### **In Detail**

Hadoop provides a robust framework for building distributed applications, but working directly with Hadoop requires writing a lot of code. Adding structure to data and using a higher-level language such as SQL makes working with Hadoop both easier and faster.

"Instant Apache Hive Essentials How-to" contains a series of practical recipes that introduce the power and flexibility of Hive. Starting with your first query, this book will provide step-by-step instructions and behind-the-scenes explanations for how to effectively write MapReduce jobs with SQL.

This book looks at how Hive transforms SQL statements into MapReduce jobs and demonstrates how you can extend Hive to support your own use cases. Its recipes will teach you how to leverage the scale of Hadoop while retaining the benefits of using a structured query language. You will learn how Hive translates a query into MapReduce jobs and explore how to structure your queries for better performance. You will extend Hive to understand your own file formats, simplifying the loading of data into the warehouse. You will finally add your own custom functions to Hive to support whatever use cases you may have.

"Instant Apache Hive Essentials How-to" is a quick introduction for adding Hive to your data toolkit. It is packed with high-level instructions for making Hive work as well as drawing connections to the underlying Hadoop framework to explain how things happen.

### **What you will learn from this book**

- Start with the basics of loading data and writing your first query
- Use de-normalized data efficiently by manipulating complex data types
- Structure your data and queries to take advantage of Hive's optimizations
- Bring your own data files to Hive and teach Hive how to understand them
- Access the specialized functions built-in to Hive to manipulate your data
- Use Hive streaming to integrate code written in any language into your queries
- Extend Hive with user-defined functions

### **Approach**

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. This book provides quick recipes for using Hive to read data in various formats, efficiently querying this data, and extending Hive with any custom functions you may need to insert your own logic into the data pipeline.

### **Who this book is written for**

This book is written for data analysts and developers who want to use their current knowledge of SQL to be more productive with Hadoop. It assumes that readers are comfortable writing SQL queries and are familiar with Hadoop at the level of the classic WordCount example.

### **Instant Apache Hive Essentials How-to By Darren Lee Bibliography**

- Rank: #3479277 in Books
- Published on: 2013-06-03
- Released on: 2013-06-03
- Original language: English
- Dimensions: 9.25" h x .18" w x 7.50" l, .0 pounds
- Binding: Paperback
- 76 pages

 [Download Instant Apache Hive Essentials How-to ...pdf](#)

 [Read Online Instant Apache Hive Essentials How-to ...pdf](#)

### Editorial Review

About the Author

#### **Darren Lee**

Darren Lee studied mathematics at Stanford and New York University. He is currently the lead engineer on the data team at Bizo in San Francisco, CA. He has been using Hive since 2009 and occasionally blogs about it at <http://dev.bizo.com>.

### Users Review

#### **From reader reviews:**

##### **Daniel Ellis:**

Book is actually written, printed, or highlighted for everything. You can know everything you want by a publication. Book has a different type. As we know that book is important matter to bring us around the world. Adjacent to that you can your reading ability was fluently. A e-book Instant Apache Hive Essentials How-to will make you to be smarter. You can feel far more confidence if you can know about anything. But some of you think that will open or reading some sort of book make you bored. It is far from make you fun. Why they can be thought like that? Have you in search of best book or appropriate book with you?

##### **Lucille Daulton:**

Here thing why that Instant Apache Hive Essentials How-to are different and reputable to be yours. First of all reading a book is good but it depends in the content of it which is the content is as tasty as food or not. Instant Apache Hive Essentials How-to giving you information deeper as different ways, you can find any book out there but there is no guide that similar with Instant Apache Hive Essentials How-to. It gives you thrill reading through journey, its open up your eyes about the thing that happened in the world which is maybe can be happened around you. You can bring everywhere like in park your car, café, or even in your technique home by train. Should you be having difficulties in bringing the paper book maybe the form of Instant Apache Hive Essentials How-to in e-book can be your choice.

##### **Pearlie Wong:**

The book Instant Apache Hive Essentials How-to will bring you to the new experience of reading the book. The author style to elucidate the idea is very unique. Should you try to find new book you just read, this book very ideal to you. The book Instant Apache Hive Essentials How-to is much recommended to you you just read. You can also get the e-book from your official web site, so you can quicker to read the book.

**Shirley Bishop:**

As a university student exactly feel bored to help reading. If their teacher asked them to go to the library as well as to make summary for some e-book, they are complained. Just very little students that has reading's internal or real their interest. They just do what the professor want, like asked to the library. They go to right now there but nothing reading really. Any students feel that examining is not important, boring as well as can't see colorful pics on there. Yeah, it is for being complicated. Book is very important in your case. As we know that on this period, many ways to get whatever we wish. Likewise word says, ways to reach Chinese's country. Therefore this Instant Apache Hive Essentials How-to can make you sense more interested to read.

**Download and Read Online Instant Apache Hive Essentials How-to  
By Darren Lee #MPI45GCL9KF**

# **Read Instant Apache Hive Essentials How-to By Darren Lee for online ebook**

Instant Apache Hive Essentials How-to By Darren Lee 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 Instant Apache Hive Essentials How-to By Darren Lee books to read online.

## **Online Instant Apache Hive Essentials How-to By Darren Lee ebook PDF download**

**Instant Apache Hive Essentials How-to By Darren Lee Doc**

**Instant Apache Hive Essentials How-to By Darren Lee Mobipocket**

**Instant Apache Hive Essentials How-to By Darren Lee EPub**

**MPI45GCL9KF: Instant Apache Hive Essentials How-to By Darren Lee**