Pro Apache Phoenix: An SQL Driver for HBase (Paperback)

By Shakil Akhtar, Ravi Magham

aPress, United States, 2017. Paperback. Condition: New. 1st ed. Language: English. Brand new Book. Leverage Phoenix as an ANSI SQL engine built on top of the highly distributed and scalable NoSQL framework HBase. Learn the basics and best practices that are being adopted in Phoenix to enable a high write and read throughput in a big data space. This book includes real-world cases such as Internet of Things devices that send continuous streams to Phoenix, and the book explains how key features such as joins, indexes, transactions, and functions help you understand the simple, flexible, and powerful API that Phoenix provides. Examples are provided using real-time data and data-driven businesses that show you how to collect, analyze, and act in seconds. Pro Apache Phoenix covers the nuances of setting up a distributed HBase cluster with Phoenix libraries, running performance benchmarks, configuring parameters for production scenarios, and viewing the results. The book also shows how Phoenix plays well with other key frameworks in the Hadoop ecosystem such as Apache Spark, Pig, Flume, and Sqoop.You will learn how to:Handle a petabyte data store by applying familiar SQL techniquesStore, analyze, and manipulate data in a NoSQL Hadoop echo system with HBaseApply best practices...

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