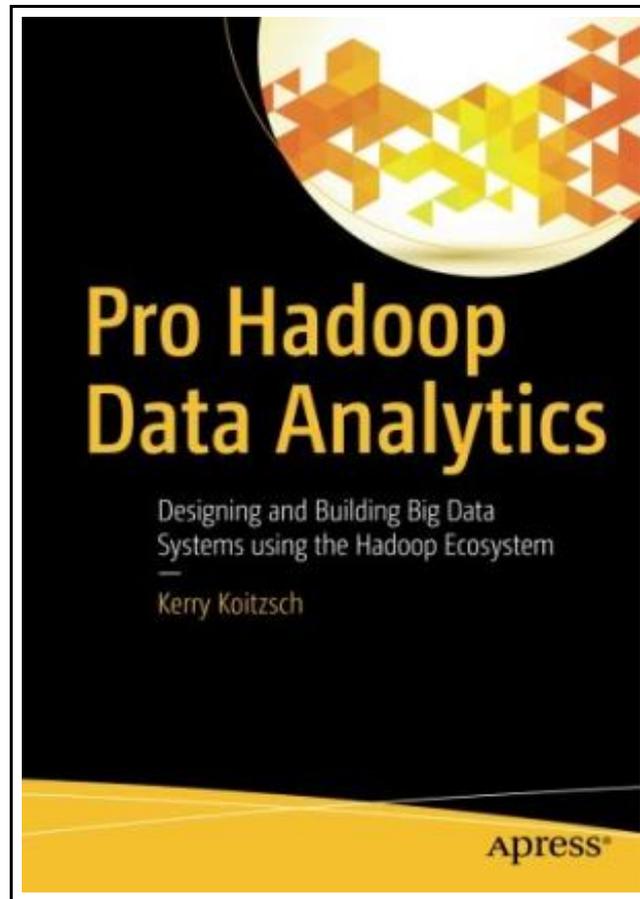# Pro Hadoop Data Analytics: Designing and Building Big Data Systems Using the Hadoop Ecosystem

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Reviews

This ebook is great. I really could comprehended every thing using this composed e ebook. Its been designed in an exceedingly simple way and it is only following i finished reading this publication where basically modified me, modify the way in my opinion.
(Herminia Blanda)

PRO HADOOP DATA ANALYTICS: DESIGNING AND BUILDING BIG DATA SYSTEMS USING THE HADOOP ECOSYSTEM

APress. Paperback. Condition: New. Long Description: Effective data analytics, particularly when the data is complex, high-volume, or unstructured, is particularly challenging. Distributed solutions have recently become available but the ability to build end-to-end analytical systems using Hadoop and its ecosystem have remained extremely challenging. In this book, advanced analytical techniques are described, implemented, and showcased as examples to provide a means for advanced programmers to leverage existing toolkits to make their analytic applications more powerful, precise, and efficient. Pro Hadoop Data Analytics by Kerry Koitzsch will provide the right combination of architecture, design, and implementation information to create analytical systems which go beyond the basics of classification, clustering, and recommendation. Best practices will be emphasized throughout the technology descriptions in order to insure coherent, efficient development. A git contribution will be provided as an end-to-end example of the techniques described in the book. The book emphasizes on four important topics throughout the book: 1. The importance of end-to-end, flexible, configurable, high performance data pipeline systems with analytical components as well as appropriate visualization results. Deep-dive topics will include Spark, H20, Vopal Wabbit (NLP), Stanford NLP, and other appropriate toolkits and plugins. 2. Best practices and structured design principles will be emphasized throughout the deep dive topics. This will include strategic topics as well as the how to example portions. 3. The importance of mix and match or hybrid systems to accomplish application goals. The hybrid approach will be prominent in the example deep dives4. Use of existing third-party libraries is key to effective development. Deep dive examples of the functionality of some of these toolkits will be showcased as we develop the example system. A complete example system will be developed using standard third-party components, to be submitted to git, which will consist of the toolkits, libraries, visualization and reporting...

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