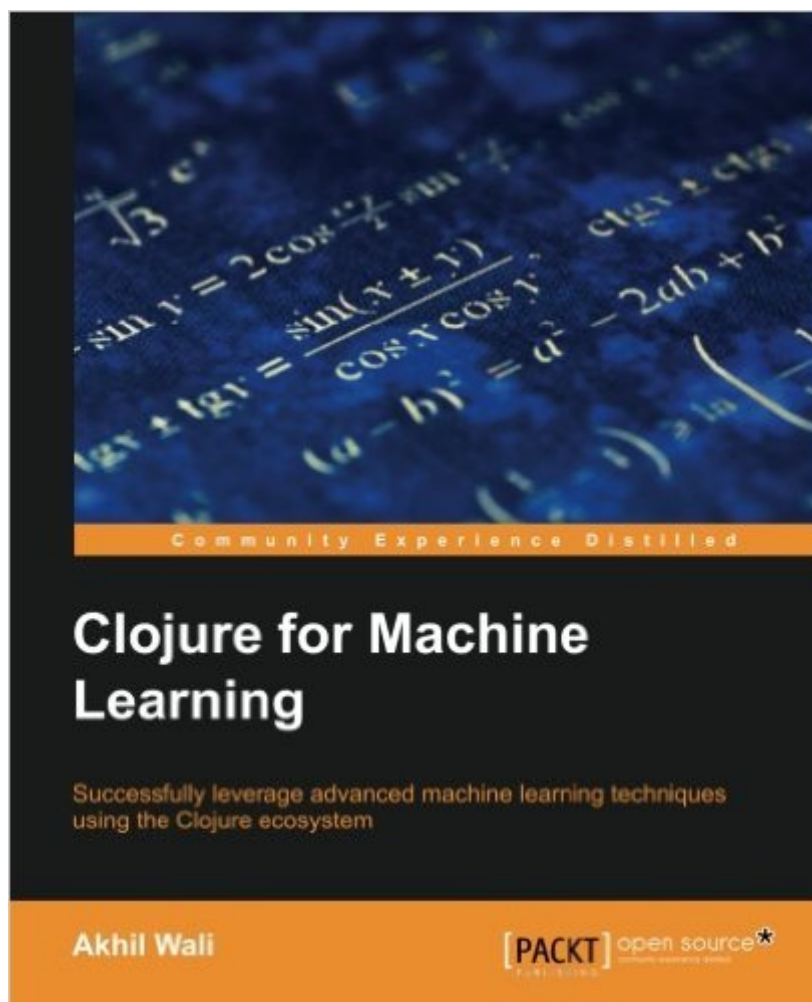


The book was found

Clojure For Machine Learning



Synopsis

Successfully leverage advanced machine learning techniques using the Clojure ecosystem
About This Book Covers a lot of machine learning techniques with Clojure programming. Encompasses precise patterns in data to predict future outcomes using various machine learning techniques
Packed with several machine learning libraries available in the Clojure ecosystem Who This Book Is For If you are a Clojure developer who wants to explore the area of machine learning, this book is for you. Basic understanding of the Clojure programming language is required. Familiarity with theoretical concepts and notation of mathematics and statistics would be an added advantage.
What You Will Learn Build systems that use machine learning techniques in Clojure Understand machine learning problems such as regression, classification, and clustering Discover the data structures used in machine learning techniques such as artificial neural networks and support vector machines Implement machine learning algorithms in Clojure Learn more about Clojure libraries to build machine learning systems Discover techniques to improve and debug solutions built on machine learning techniques Use machine learning techniques in a cloud architecture for the modern Web
In Detail Clojure for Machine Learning is an introduction to machine learning techniques and algorithms. This book demonstrates how you can apply these techniques to real-world problems using the Clojure programming language. It explores many machine learning techniques and also describes how to use Clojure to build machine learning systems. This book starts off by introducing the simple machine learning problems of regression and classification. It also describes how you can implement these machine learning techniques in Clojure. The book also demonstrates several Clojure libraries, which can be useful in solving machine learning problems. Clojure for Machine Learning familiarizes you with several pragmatic machine learning techniques. By the end of this book, you will be fully aware of the Clojure libraries that can be used to solve a given machine learning problem.

Book Information

Paperback: 292 pages

Publisher: Packt Publishing - ebooks Account (May 16, 2014)

Language: English

ISBN-10: 1783284358

ISBN-13: 978-1783284351

Product Dimensions: 7.5 x 0.7 x 9.2 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars Â Â See all reviews Â (7 customer reviews)

Best Sellers Rank: #1,716,715 in Books (See Top 100 in Books) #97 in Â Books > Computers & Technology > Programming > Languages & Tools > Lisp #185 in Â Books > Computers & Technology > Computer Science > AI & Machine Learning > Neural Networks #271 in Â Books > Computers & Technology > Computer Science > AI & Machine Learning > Machine Theory

Customer Reviews

Clojure for Machine learning, together with Clojure Data Analysis Cookbook, are two compelling books for people interested in data mining and reasoning. It is also worth mentioning that the amount of publications not dedicated to Clojure itself but how to effectively use it in real world problems is growing. Therefore Clojure for Machine Learning is not a suitable book for newcomers to the language. It will probably not be a good starting point for people completely new to machine learning as well. However basic Clojure knowledge and rough understanding of core concepts in machine learning will be enough to enjoy this book. Book goes through pretty much all standard machine learning topics, including: linear regression, various classification algorithms, clustering, artificial neural networks and support vector machines. Author also briefly covers large scale machine learning on top of Hadoop and Map Reduce. Too bad other more modern BigData solutions were not represented. This book starts with a brief introduction to matrices and linear algebra. Not being an expert in the field I spotted few embarrassing mistakes. E.g. "For matrix A of size $m \times n$ and B of size $p \times q$ [...] if $n = p$, the product of A and B is a new matrix of size $n \times q$ " â “ in this notation the size of A times B is $m \times q$, not $n \times q$. Few pages later formula for calculating inversion of 2×2 matrix is broken (incorrectly transposed). For a book filled with math I would expect reviewers or proof readers to double check easily available formulas. Please keep in mind that Clojure for Machine learning is not a best choice to learn Clojure, it expects you to know basic constructs. Moreover Clojure code was not always perfectly idiomatic.

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

The Joy of Clojure: Thinking the Clojure Way Clojure Reactive Programming - How to Develop Concurrent and Asynchronous Applications with Clojure Clojure for Machine Learning Deep Learning: Recurrent Neural Networks in Python: LSTM, GRU, and more RNN machine learning architectures in Python and Theano (Machine Learning in Python) Unsupervised Deep Learning in Python: Master Data Science and Machine Learning with Modern Neural Networks written in Python and Theano (Machine Learning in Python) Deep Learning in Python Prerequisites: Master Data Science and Machine Learning with Linear Regression and Logistic Regression in Python (Machine

Learning in Python) Convolutional Neural Networks in Python: Master Data Science and Machine Learning with Modern Deep Learning in Python, Theano, and TensorFlow (Machine Learning in Python) Deep Learning in Python: Master Data Science and Machine Learning with Modern Neural Networks written in Python, Theano, and TensorFlow (Machine Learning in Python) Machine Learning: A Probabilistic Perspective (Adaptive Computation and Machine Learning series) Unsupervised Machine Learning in Python: Master Data Science and Machine Learning with Cluster Analysis, Gaussian Mixture Models, and Principal Components Analysis Machine Learning with Spark - Tackle Big Data with Powerful Spark Machine Learning Algorithms Foundations of Machine Learning (Adaptive Computation and Machine Learning series) Introduction to Machine Learning (Adaptive Computation and Machine Learning series) Gaussian Processes for Machine Learning (Adaptive Computation and Machine Learning series) Bioinformatics: The Machine Learning Approach, Second Edition (Adaptive Computation and Machine Learning) First-Time Machine Applique: Learning to Machine Applique in Nine Easy Lessons A collection of Advanced Data Science and Machine Learning Interview Questions Solved in Python and Spark (II): Hands-on Big Data and Machine ... Programming Interview Questions) (Volume 7) Clojure for the Brave and True: Learn the Ultimate Language and Become a Better Programmer The Joy of Clojure Professional Clojure

[Dmca](#)