Clojure Data Analysis Cookbook

Eric Rochester

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Make more of your data using Clojure and this brilliant cookbook full of real-world recipes. From creating revealing graphs to using data analysis libraries, you'll learn both the basics and advanced techniques.

Overview

- Get a handle on the torrent of data the modern Internet has created
- Recipes for every stage from collection to analysis
- A practical approach to analyzing data to help you make informed decisions

In Detail

Data is everywhere and it's increasingly important to be able to gain insights that we can act on. Using Clojure for data analysis and collection, this book will show you how to gain fresh insights and perspectives from your data with an essential collection of practical, structured recipes.

"The Clojure Data Analysis Cookbook" presents recipes for every stage of the data analysis process. Whether scraping data off a web page, performing data mining, or creating graphs for the web, this book has something for the task at hand.

You'll learn how to acquire data, clean it up, and transform it into useful graphs which can then be analyzed and published to the Internet. Coverage includes advanced topics like processing data concurrently, applying powerful statistical techniques like Bayesian modelling, and even data mining algorithms such as K-means clustering, neural networks, and association rules.

What you will learn from this book

- Create beautiful, insightful graphs that you can publish to the Internet.
- Apply powerful clustering and data mining techniques to better understand your data.
- Use powerful data analysis libraries like Incanter, Hadoop, and Weka to get things done quickly.
- Interface with Mathematica and R to use the powerful analysis features they provide.
- Process data concurrently and in parallel for faster performance.
- Transform data to make it more useful and easier to analyze.

Approach

Full of practical tips, the "Clojure Data Analysis Cookbook" will help you fully utilize your data through a series of step-by-step, real world recipes covering every aspect of data analysis.

Who this book is written for

Prior experience with Clojure and data analysis techniques and workflows will be beneficial, but not essential.

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Marlene Childs:

Do you have favorite book? Should you have, what is your favorite's book? E-book is very important thing for us to find out everything in the world. Each e-book has different aim or perhaps goal; it means that book has different type. Some people sense enjoy to spend their a chance to read a book. These are reading whatever they get because their hobby will be reading a book. How about the person who don't like reading a book? Sometime, individual feel need book once they found difficult problem or maybe exercise. Well, probably you will need this Clojure Data Analysis Cookbook.

Carol Rosborough:

Typically the book Clojure Data Analysis Cookbook has a lot details on it. So when you make sure to read this book you can get a lot of benefit. The book was compiled by the very famous author. The author makes some research previous to write this book. That book very easy to read you can get the point easily after reading this book.

Jack Caldwell:

Playing with family in a park, coming to see the water world or hanging out with friends is thing that usually you will have done when you have spare time, then why you don't try point that really opposite from that. One activity that make you not sensation tired but still relaxing, trilling like on roller coaster you are ride on and with addition info. Even you love Clojure Data Analysis Cookbook, you may enjoy both. It is excellent combination right, you still need to miss it? What kind of hang type is it? Oh come on its mind hangout folks. What? Still don't have it, oh come on its identified as reading friends.

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