Machine Learning Cookbook

Atul Tripathi

Machine Learning Cookbook

Atul Tripathi

Machine Learning Cookbook Atul Tripathi

Key Features

- This book will show you how to improve the efficiency of your systems
- Improve predictions and recommendations to have better levels of accuracy
- Optimize performance of your Machine learning systems

Book Description

Machine learning (ML) became the new black and is in constant demand by many organizations who work with huge amounts of data all the time. The complexity of finding, understanding, and predicting outcomes makes ML very difficult. This cookbook will solve the everyday difficulties and struggles you face as a data scientist. As a concept, machine learning has a single goal for data scientists to achieve—predictive analytics, but to reach that goal, data scientists have to be prepared for all types of data, no matter how good or bad. This is the focus of the book.

As you already know about machine learning techniques with specific languages or tools, we'll show you how to improve the efficiency of your systems so your predictions and recommendations have better levels of accuracy and better performance.

The first half of the book provides recipes on a fairly complex machine learning systems where you'll learn to improve its efficiency. That includes recipes on: classifications, neural networks, unsupervised and supervised learning, deep learning, reinforcement learning, and more.

The second half of the book focuses on three different ML case studies all based on real-world data and offer solutions and solve specifics ML issues in each one.

What you will learn

- Get equipped with a deeper understanding of how to apply machine learning techniques
- Implement each of the advanced machine learning techniques
- Solve real-life problems that are encountered in order to make your applications produce improved results
- Gain hands-on experience of problem solving for your Machine learning systems
- Understand the methods of collecting data, preparing data for usage, training the model, evaluating the model's performance, and improving the model's performance

About the Author

Atul Tripathi has spent more than 8 years in the field of Machine Learning and Quantitative Finance. He has total of 12 years of experience in software development and research. He has worked on advance machine learning techniques such as Neural Networks and Markov Models. While working on these techniques, he has solved problems in image processing, Telecommunications, and Human Speech Recognition. He has also developed tools for text mining using Neural Networks. In the field of Quantitative Finance, he has developed models for Value at Risk, Extreme Value Theorem, Option Pricing, and Energy Derivatives using Monte Carlo Simulation Techniques. Atul loves spending time with his family. He is a

regular badminton player and an avid bicyclist too.

Download and Read Free Online Machine Learning Cookbook Atul Tripathi

---

From reader reviews:

Raymond Smith:

Have you spare time for just a day? What do you do when you have a lot more or little spare time? Yeah, you can choose the suitable activity with regard to spend your time. Any person spent their own spare time to take a walk, shopping, or went to the Mall. How about open as well as read a book eligible Machine Learning Cookbook? Maybe it is to be best activity for you. You know beside you can spend your time using your favorite's book, you can cleverer than before. Do you agree with its opinion or you have various other opinion?

Susan Belcher:

Here thing why this specific Machine Learning Cookbook are different and dependable to be yours. First of all reading through a book is good nevertheless it depends in the content than it which is the content is as delicious as food or not. Machine Learning Cookbook giving you information deeper as different ways, you can find any reserve out there but there is no e-book that similar with Machine Learning Cookbook. It gives you thrill reading through journey, its open up your personal eyes about the thing which happened in the world which is possibly can be happened around you. You can easily bring everywhere like in recreation area, café, or even in your way home by train. If you are having difficulties in bringing the paper book maybe the form of Machine Learning Cookbook in e-book can be your option.

Albert Shepherd:

Machine Learning Cookbook can be one of your beginning books that are good idea. We all recommend that straight away because this publication has good vocabulary that will increase your knowledge in language, easy to understand, bit entertaining but nevertheless delivering the information. The article writer giving his/her effort to get every word into pleasure arrangement in writing Machine Learning Cookbook however doesn't forget the main stage, giving the reader the hottest along with based confirm resource data that maybe you can be certainly one of it. This great information can easily drawn you into fresh stage of crucial imagining.

Gloria White:

Don't be worry should you be afraid that this book will probably filled the space in your house, you could have it in e-book method, more simple and reachable. That Machine Learning Cookbook can give you a lot of friends because by you considering this one book you have issue that they don't and make you more like an interesting person. That book can be one of one step for you to get success. This reserve offer you information that probably your friend doesn't recognize, by knowing more than other make you to be great folks. So , why hesitate? We need to have Machine Learning Cookbook.

Download and Read Online Machine Learning Cookbook Atul Tripathi #DKQLJI3CNOP

Read Machine Learning Cookbook by Atul Tripathi for online ebook

Machine Learning Cookbook by Atul Tripathi 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 Machine Learning Cookbook by Atul Tripathi books to read online.

Online Machine Learning Cookbook by Atul Tripathi ebook PDF download

Machine Learning Cookbook by Atul Tripathi Doc

Machine Learning Cookbook by Atul Tripathi Mobipocket

Machine Learning Cookbook by Atul Tripathi EPub