Machine Learning for Hackers: Case Studies and Algorithms to Get You Started

By Drew Conway, John Myles White

Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White

If you're an experienced programmer interested in crunching data, this book will get you started with machine learning—a toolkit of algorithms that enables computers to train themselves to automate useful tasks. Authors Drew Conway and John Myles White help you understand machine learning and statistics tools through a series of hands-on case studies, instead of a traditional math-heavy presentation.

Each chapter focuses on a specific problem in machine learning, such as classification, prediction, optimization, and recommendation. Using the R programming language, you'll learn how to analyze sample datasets and write simple machine learning algorithms. *Machine Learning for Hackers* is ideal for programmers from any background, including business, government, and academic research.

- Develop a naïve Bayesian classifier to determine if an email is spam, based only on its text
- Use linear regression to predict the number of page views for the top 1,000 websites
- Learn optimization techniques by attempting to break a simple letter cipher
- Compare and contrast U.S. Senators statistically, based on their voting records
- Build a "whom to follow" recommendation system from Twitter data

Download Machine Learning for Hackers: Case Studies and Alg ...pdf

Read Online Machine Learning for Hackers: Case Studies and A ...pdf

Machine Learning for Hackers: Case Studies and Algorithms to Get You Started

By Drew Conway, John Myles White

Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White

If you're an experienced programmer interested in crunching data, this book will get you started with machine learning—a toolkit of algorithms that enables computers to train themselves to automate useful tasks. Authors Drew Conway and John Myles White help you understand machine learning and statistics tools through a series of hands-on case studies, instead of a traditional math-heavy presentation.

Each chapter focuses on a specific problem in machine learning, such as classification, prediction, optimization, and recommendation. Using the R programming language, you'll learn how to analyze sample datasets and write simple machine learning algorithms. *Machine Learning for Hackers* is ideal for programmers from any background, including business, government, and academic research.

- Develop a naïve Bayesian classifier to determine if an email is spam, based only on its text
- Use linear regression to predict the number of page views for the top 1,000 websites
- Learn optimization techniques by attempting to break a simple letter cipher
- Compare and contrast U.S. Senators statistically, based on their voting records
- Build a "whom to follow" recommendation system from Twitter data

Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White Bibliography

- Rank: #343696 in eBooks
- Published on: 2012-02-13
- Released on: 2012-02-13
- Format: Kindle eBook

Download and Read Free Online Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White

Editorial Review

About the Author

Drew Conway is a PhD candidate in Politics at NYU. He studies international relations, conflict, and terrorism using the tools of mathematics, statistics, and computer science in an attempt to gain a deeper understanding of these phenomena. His academic curiosity is informed by his years as an analyst in the U.S. intelligence and defense communities.

John Myles White is a PhD candidate in Psychology at Princeton. He studies pattern recognition, decision-making, and economic behavior using behavioral methods and fMRI. He is particularly interested in anomalies of value assessment.

Users Review

From reader reviews:

Robert Thomas:

The guide with title Machine Learning for Hackers: Case Studies and Algorithms to Get You Started contains a lot of information that you can learn it. You can get a lot of profit after read this book. This book exist new information the information that exist in this reserve represented the condition of the world at this point. That is important to yo7u to know how the improvement of the world. This book will bring you within new era of the globalization. You can read the e-book on the smart phone, so you can read it anywhere you want.

Kermit Diaz:

Do you have something that you prefer such as book? The guide lovers usually prefer to select book like comic, brief story and the biggest some may be novel. Now, why not attempting Machine Learning for Hackers: Case Studies and Algorithms to Get You Started that give your satisfaction preference will be satisfied by reading this book. Reading addiction all over the world can be said as the way for people to know world better then how they react when it comes to the world. It can't be stated constantly that reading behavior only for the geeky man or woman but for all of you who wants to end up being success person. So , for every you who want to start looking at as your good habit, it is possible to pick Machine Learning for Hackers: Case Studies and Algorithms to Get You Started become your current starter.

Lucille Chenier:

Do you like reading a book? Confuse to looking for your best book? Or your book has been rare? Why so many issue for the book? But almost any people feel that they enjoy intended for reading. Some people likes

reading, not only science book and also novel and Machine Learning for Hackers: Case Studies and Algorithms to Get You Started or perhaps others sources were given knowledge for you. After you know how the truly amazing a book, you feel desire to read more and more. Science book was created for teacher or even students especially. Those ebooks are helping them to add their knowledge. In additional case, beside science reserve, any other book likes Machine Learning for Hackers: Case Studies and Algorithms to Get You Started to make your spare time far more colorful. Many types of book like this.

Jamie Wallace:

A lot of book has printed but it takes a different approach. You can get it by internet on social media. You can choose the most beneficial book for you, science, comedy, novel, or whatever through searching from it. It is known as of book Machine Learning for Hackers: Case Studies and Algorithms to Get You Started. You can include your knowledge by it. Without causing the printed book, it could add your knowledge and make an individual happier to read. It is most crucial that, you must aware about reserve. It can bring you from one location to other place.

Download and Read Online Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White #HVXDQF3T1C5

Read Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White for online ebook

Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White 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 for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White books to read online.

Online Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White ebook PDF download

Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White Doc

Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White Mobipocket

Machine Learning for Hackers: Case Studies and Algorithms to Get You Started By Drew Conway, John Myles White EPub