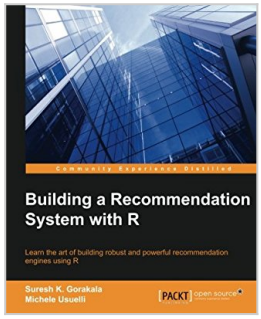

Building a Recommendation System with R

By Suresh K. Gorakala, Michele Usuelli

Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli

Learn the art of building robust and powerful recommendation engines using R

About This Book

- Learn to exploit various data mining techniques
- Understand some of the most popular recommendation techniques
- This is a step-by-step guide full of real-world examples to help you build and optimize recommendation engines

Who This Book Is For

If you are a competent developer with some knowledge of machine learning and R, and want to further enhance your skills to build recommendation systems, then this book is for you.

What You Will Learn

- Get to grips with the most important branches of recommendation
- Understand various data processing and data mining techniques
- Evaluate and optimize the recommendation algorithms
- Prepare and structure the data before building models
- Discover different recommender systems along with their implementation in R
- Explore various evaluation techniques used in recommender systems
- Get to know about recommenderlab, an R package, and understand how to optimize it to build efficient recommendation systems

In Detail

A recommendation system performs extensive data analysis in order to generate suggestions to its users about what might interest them. R has recently become one of the most popular programming languages for the data analysis. Its structure allows you to interactively explore the data and its modules contain the

most cutting-edge techniques thanks to its wide international community. This distinctive feature of the R language makes it a preferred choice for developers who are looking to build recommendation systems.

The book will help you understand how to build recommender systems using R. It starts off by explaining the basics of data mining and machine learning. Next, you will be familiarized with how to build and optimize recommender models using R. Following that, you will be given an overview of the most popular recommendation techniques. Finally, you will learn to implement all the concepts you have learned throughout the book to build a recommender system.

Style and approach

This is a step-by-step guide that will take you through a series of core tasks. Every task is explained in detail with the help of practical examples.

Building a Recommendation System with R

By Suresh K. Gorakala, Michele Usuelli

Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli

Learn the art of building robust and powerful recommendation engines using R

About This Book

- Learn to exploit various data mining techniques
- Understand some of the most popular recommendation techniques
- This is a step-by-step guide full of real-world examples to help you build and optimize recommendation engines

Who This Book Is For

If you are a competent developer with some knowledge of machine learning and R, and want to further enhance your skills to build recommendation systems, then this book is for you.

What You Will Learn

- Get to grips with the most important branches of recommendation
- Understand various data processing and data mining techniques
- Evaluate and optimize the recommendation algorithms
- Prepare and structure the data before building models
- Discover different recommender systems along with their implementation in R
- Explore various evaluation techniques used in recommender systems
- Get to know about recommenderlab, an R package, and understand how to optimize it to build efficient recommendation systems

In Detail

A recommendation system performs extensive data analysis in order to generate suggestions to its users about what might interest them. R has recently become one of the most popular programming languages for the data analysis. Its structure allows you to interactively explore the data and its modules contain the most cutting-edge techniques thanks to its wide international community. This distinctive feature of the R language makes it a preferred choice for developers who are looking to build recommendation systems.

The book will help you understand how to build recommender systems using R. It starts off by explaining the basics of data mining and machine learning. Next, you will be familiarized with how to build and optimize recommender models using R. Following that, you will be given an overview of the most popular recommendation techniques. Finally, you will learn to implement all the concepts you have learned throughout the book to build a recommender system.

Style and approach

This is a step-by-step guide that will take you through a series of core tasks. Every task is explained in detail with the help of practical examples.

Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli Bibliography

- Sales Rank: #694251 in Books
- Published on: 2015-12-01
- Released on: 2015-09-29
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .36" w x 7.50" l, .62 pounds
- Binding: Paperback
- 135 pages

Editorial Review

About the Author

Suresh K. Gorakala

Suresh K. Gorakala is a blogger, data analyst, and consultant on data mining, big data analytics, and visualization tools. Since 2013, he has been writing and maintaining a blog on data science at http://www.dataperspective.info/. Suresh holds a bachelor's degree in mechanical engineering from SRKR Engineering College, which is affiliated with Andhra University, India. He loves generating ideas, building data products, teaching, photography, and travelling. Suresh can be reached at sureshkumargorakala@gmail.com.You can also follow him on Twitter at @sureshgorakala.

Michele Usuelli

Michele Usuelli is a data scientist, writer, and R enthusiast specialized in the fields of big data and machine learning. He currently works for Revolution Analytics, the leading R-based company that got acquired by Microsoft in April 2015. Michele graduated in mathematical engineering and has worked with a big data start-up and a big publishing company in the past. He is also the author of R Machine Learning Essentials, Packt Publishing.

Users Review

From reader reviews:

Anthony McDonell:

Inside other case, little folks like to read book Building a Recommendation System with R. You can choose the best book if you'd prefer reading a book. So long as we know about how is important any book Building a Recommendation System with R. You can add information and of course you can around the world by just a book. Absolutely right, since from book you can know everything! From your country until foreign or abroad you will be known. About simple issue until wonderful thing you can know that. In this era, you can open a book as well as searching by internet device. It is called e-book. You may use it when you feel fed up to go to the library. Let's examine.

Drew Poland:

Playing with family in the park, coming to see the marine world or hanging out with friends is thing that usually you have done when you have spare time, after that why you don't try point that really opposite from that. Just one activity that make you not sensation tired but still relaxing, trilling like on roller coaster you already been ride on and with addition info. Even you love Building a Recommendation System with R, you can enjoy both. It is fine combination right, you still desire to miss it? What kind of hang type is it? Oh occur

its mind hangout men. What? Still don't understand it, oh come on its named reading friends.

Sandra Passmore:

Does one one of the book lovers? If so, do you ever feeling doubt when you find yourself in the book store? Aim to pick one book that you find out the inside because don't ascertain book by its handle may doesn't work this is difficult job because you are afraid that the inside maybe not while fantastic as in the outside look likes. Maybe you answer can be Building a Recommendation System with R why because the excellent cover that make you consider with regards to the content will not disappoint anyone. The inside or content is definitely fantastic as the outside or maybe cover. Your reading sixth sense will directly show you to pick up this book.

Gary Collis:

In this particular era which is the greater man or who has ability in doing something more are more precious than other. Do you want to become considered one of it? It is just simple way to have that. What you have to do is just spending your time almost no but quite enough to have a look at some books. One of many books in the top record in your reading list is definitely Building a Recommendation System with R. This book and that is qualified as The Hungry Mountains can get you closer in turning into precious person. By looking way up and review this book you can get many advantages.

Read Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli for online ebook

Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli 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 Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli books to read online.

Online Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli ebook PDF download

Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli Doc

Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli Mobipocket

Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli EPub

Z9UT5GO0SFI: Building a Recommendation System with R By Suresh K. Gorakala, Michele Usuelli