



# Learning Predictive Analytics with R

*Eric Mayor*

Download now

[Click here](#) if your download doesn't start automatically

# Learning Predictive Analytics with R

*Eric Mayor*

**Learning Predictive Analytics with R** Eric Mayor

**Get to grips with key data visualization and predictive analytic skills using R**

## About This Book

- Acquire predictive analytic skills using various tools of R
- Make predictions about future events by discovering valuable information from data using R
- Comprehensible guidelines that focus on predictive model design with real-world data

## Who This Book Is For

If you are a statistician, chief information officer, data scientist, ML engineer, ML practitioner, quantitative analyst, and student of machine learning, this is the book for you. You should have basic knowledge of the use of R. Readers without previous experience of programming in R will also be able to use the tools in the book.

## What You Will Learn

- Customize R by installing and loading new packages
- Explore the structure of data using clustering algorithms
- Turn unstructured text into ordered data, and acquire knowledge from the data
- Classify your observations using Naïve Bayes, k-NN, and decision trees
- Reduce the dimensionality of your data using principal component analysis
- Discover association rules using Apriori
- Understand how statistical distributions can help retrieve information from data using correlations, linear regression, and multilevel regression
- Use PMML to deploy the models generated in R

## In Detail

R is statistical software that is used for data analysis. There are two main types of learning from data: unsupervised learning, where the structure of data is extracted automatically; and supervised learning, where a labeled part of the data is used to learn the relationship or scores in a target attribute. As important information is often hidden in a lot of data, R helps to extract that information with its many standard and cutting-edge statistical functions.

This book is packed with easy-to-follow guidelines that explain the workings of the many key data mining tools of R, which are used to discover knowledge from your data.

You will learn how to perform key predictive analytics tasks using R, such as train and test predictive models for classification and regression tasks, score new data sets and so on. All chapters will guide you in acquiring the skills in a practical way. Most chapters also include a theoretical introduction that will sharpen your understanding of the subject matter and invite you to go further.

The book familiarizes you with the most common data mining tools of R, such as k-means, hierarchical regression, linear regression, association rules, principal component analysis, multilevel modeling, k-NN, Naïve Bayes, decision trees, and text mining. It also provides a description of visualization techniques using the basic visualization tools of R as well as lattice for visualizing patterns in data organized in groups. This book is invaluable for anyone fascinated by the data mining opportunities offered by GNU R and its packages.

## Style and approach

This is a practical book, which analyzes compelling data about life, health, and death with the help of tutorials. It offers you a useful way of interpreting the data that's specific to this book, but that can also be applied to any other data.

 [Download Learning Predictive Analytics with R ...pdf](#)

 [Read Online Learning Predictive Analytics with R ...pdf](#)

## **Download and Read Free Online Learning Predictive Analytics with R Eric Mayor**

---

### **From reader reviews:**

#### **Ruby Carter:**

What do you concentrate on book? It is just for students because they are still students or this for all people in the world, the actual best subject for that? Just you can be answered for that concern above. Every person has distinct personality and hobby for every other. Don't to be pressured someone or something that they don't wish do that. You must know how great in addition to important the book Learning Predictive Analytics with R. All type of book is it possible to see on many options. You can look for the internet solutions or other social media.

#### **Tessa Krieger:**

Here thing why this particular Learning Predictive Analytics with R are different and trustworthy to be yours. First of all studying a book is good nevertheless it depends in the content from it which is the content is as scrumptious as food or not. Learning Predictive Analytics with R giving you information deeper including different ways, you can find any guide out there but there is no book that similar with Learning Predictive Analytics with R. It gives you thrill reading journey, its open up your own personal eyes about the thing this happened in the world which is maybe can be happened around you. It is possible to bring everywhere like in park, café, or even in your way home by train. Should you be having difficulties in bringing the paper book maybe the form of Learning Predictive Analytics with R in e-book can be your choice.

#### **Robert Alston:**

This book untitled Learning Predictive Analytics with R to be one of several books that will best seller in this year, this is because when you read this book you can get a lot of benefit upon it. You will easily to buy this specific book in the book retailer or you can order it by using online. The publisher of the book sells the e-book too. It makes you quicker to read this book, since you can read this book in your Mobile phone. So there is no reason to your account to past this publication from your list.

#### **Brian Scheele:**

This Learning Predictive Analytics with R is great publication for you because the content that is full of information for you who have always deal with world and possess to make decision every minute. This particular book reveal it information accurately using great organize word or we can state no rambling sentences included. So if you are read this hurriedly you can have whole details in it. Doesn't mean it only will give you straight forward sentences but challenging core information with beautiful delivering sentences. Having Learning Predictive Analytics with R in your hand like having the world in your arm, info in it is not ridiculous just one. We can say that no reserve that offer you world within ten or fifteen tiny right but this e-book already do that. So , this can be good reading book. Heya Mr. and Mrs. occupied do you still doubt that?

**Download and Read Online Learning Predictive Analytics with R  
Eric Mayor #M2VWQ73DOHA**

## **Read Learning Predictive Analytics with R by Eric Mayor for online ebook**

Learning Predictive Analytics with R by Eric Mayor 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 Learning Predictive Analytics with R by Eric Mayor books to read online.

### **Online Learning Predictive Analytics with R by Eric Mayor ebook PDF download**

**Learning Predictive Analytics with R by Eric Mayor Doc**

**Learning Predictive Analytics with R by Eric Mayor Mobipocket**

**Learning Predictive Analytics with R by Eric Mayor EPub**