

92 Applied Predictive Modeling Techniques in R: With step by step instructions on how to build them FAST!

N.D. LEWIS



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This jam-packed book takes you under the hood with step by step instructions using the popular and free R predictive analytics package. It provides numerous examples, illustrations and exclusive use of real data to help you leverage the power of predictive analytics. A book for every data analyst, student and applied researcher. Here is what it can do for you:

• BOOST PRODUCTIVITY: Bestselling author and data scientist Dr. N.D. Lewis will show you how to build predictive analytic models in less time than you ever imagined possible! Even if you're a busy professional or a student with little time. By spending as little as 10 minutes a day working through the dozens of real world examples, illustrations, practitioner tips and notes, you'll be able to make giant leaps forward in your knowledge, strengthen your business performance, broaden your skill-set and improve your understanding.

• SIMPLIFY ANALYSIS: You will discover over 90 easy to follow applied predictive analytic techniques that can instantly expand your modeling capability. Plus you'll discover simple routines that serve as a check list you repeat next time you need a specific model. Even better, you'll discover practitioner tips, work with real data and receive suggestions that will speed up your progress. So even if you're completely stressed out by data, you'll still find in this book tips, suggestions and helpful advice that will ease your journey through the data science maze.

• SAVE TIME: Imagine having at your fingertips easy access to the very best of predictive analytics. In this book, you'll learn fast effective ways to build powerful models using R. It contains over 90 of the most successful models used for learning from data; With step by step instructions on how to build them easily and quickly.

• LEARN FASTER: 92 Applied Predictive Modeling Techniques in R offers a practical results orientated approach that will boost your productivity, expand your knowledge and create new and exciting opportunities for you to get the very best from your data. The book works because you eliminate the anxiety of trying to master every single mathematical detail. Instead your goal at each step is to simply focus on a single routine using real data that only takes about 5 to 15 minutes to complete. Within this routine is a series of actions by which the predictive analytic model is constructed. All you have to do is follow the steps. They are your checklist for use and reuse.

• IMPROVE RESULTS: Want to improve your predictive analytic results, but don't have enough time? Right now there are a dozen ways to instantly improve your predictive models performance. Odds are, these techniques will only take a few minutes apiece to complete. The problem? You might feel like there's not enough time to learn how to do them all. The solution is in your hands. It uses R, which is free, open-source, and extremely powerful software.

In this rich, fascinating—surprisingly accessible—guide, data scientist Dr. N.D. Lewis reveals how predictive analytics works, and how to deploy its power using the free and widely available R predictive

analytics package. The book serves practitioners and experts alike by covering real life case studies and the latest state-of-the-art techniques. Everything you need to get started is contained within this book. Here is some of what is included:

- Support Vector Machines
- Relevance Vector Machines
- Neural networks
- Random forests
- Random ferns
- Classical Boosting
- Model based boosting
- Decision trees
- Cluster Analysis

For people interested in statistics, machine learning, data analysis, data mining, and future hands-on practitioners seeking a career in the field, it sets a strong foundation, delivers the prerequisite knowledge, and whets your appetite for more. Buy the book today. Your next big breakthrough using predictive analytics is only a page away!

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Lester Gibbons:

Is it a person who having spare time subsequently spend it whole day by means of watching television programs or just lying on the bed? Do you need something totally new? This 92 Applied Predictive Modeling Techniques in R: With step by step instructions on how to build them FAST! can be the reply, oh how comes? A book you know. You are thus out of date, spending your spare time by reading in this brand new era is common not a geek activity. So what these guides have than the others?

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