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Second Edition

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[Machine Learning with R](#) Brett Lantz, 2013 Written as a tutorial to explore and understand the power of R for machine learning This practical guide that covers all of the need to know topics in a very systematic way For each machine learning approach each step in the process is detailed from preparing the data for analysis to evaluating the results These steps will build the knowledge you need to apply them to your own data science tasks Intended for those who want to learn how to use R's machine learning capabilities and gain insight from your data Perhaps you already know a bit about machine learning but have never used R or **Machine Learning Using R** Karthik Ramasubramanian, Abhishek Singh, 2019-01-04 Examine the latest technological advancements in building a scalable machine learning model with big data using R This second edition shows you how to work with a machine learning algorithm and use it to build a ML model from raw data You will see how to use R programming with TensorFlow thus avoiding the effort of

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Mathematics and R Programming for Machine Learning William B. Claster, 2020-10-08 Based on the author's experience teaching data science for more than 10 years Mathematics and R Programming for Machine Learning reveals how machine learning algorithms do their magic and explains how logic can be implemented in code It is designed to give students an understanding of the logic behind machine learning algorithms as well as how to program these algorithms Written for novice programmers the book goes step by step to develop coding skills needed to implement algorithms in R The text begins with simple implementations and fundamental concepts of logic sets and probability before moving to coverage of powerful deep learning algorithms The first eight chapters deal with probability based machine learning algorithms and the last eight chapters deal with artificial neural network based machine learning The first half of the text does not require mathematical sophistication although familiarity with probability and statistics is helpful The second half is written for students who have taken one semester of calculus The book guides students who are novice R programmers through algorithms and their application to improve the ability to code and confidence in programming R and tackling advanced R programming challenges Highlights of the book include More than 400 exercises A strong emphasis on improving programming skills and guiding beginners on implementing full fledged algorithms Coverage of fundamental computer and mathematical concepts including logic sets and probability In depth explanations of the heart of AI and machine learning as well as the mechanisms that underly machine learning algorithms

Machine Learning Made Easy with R N. Lewis, 2017-05-07 Finally A Blueprint for Machine Learning with R Machine Learning Made Easy with R offers a practical tutorial that uses hands on examples to step through real world applications using clear and practical case studies Through this process it takes you on a gentle fun and unhurried journey to creating machine learning models with R Whether you are new to data science or a veteran this book offers a powerful set of tools for quickly and easily gaining insight from your data using R NO EXPERIENCE REQUIRED This book uses plain language rather than a ton of equations I'm assuming you never did like linear algebra don't want to see things derived dislike complicated computer code and you're here because you want to try successful machine learning algorithms for yourself YOUR PERSONAL BLUE PRINT Through a simple to follow intuitive step by step process you will learn how to use the most popular machine learning algorithms using R Once you have mastered the process it will be easy for you to translate your knowledge to assess your own data THIS BOOK IS FOR YOU IF YOU WANT Focus on explanations rather than mathematical derivation Practical illustrations that use real data Illustrations to deepen your understanding Worked examples in R you can easily follow and immediately implement Ideas you can actually

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