



Machine Learning For Dummies

By John Paul Mueller, Luca Massaron



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Your no-nonsense guide to making sense of machine learning

Machine learning can be a mind-boggling concept for the masses, but those who are in the trenches of computer programming know just how invaluable it is. Without machine learning, fraud detection, web search results, real-time ads on web pages, credit scoring, automation, and email spam filtering wouldn't be possible, and this is only showcasing just a few of its capabilities. Written by two data science experts, *Machine Learning For Dummies* offers a much-needed entry point for anyone looking to use machine learning to accomplish practical tasks.

Covering the entry-level topics needed to get you familiar with the basic concepts of machine learning, this guide quickly helps you make sense of the programming languages and tools you need to turn machine learning-based tasks into a reality. Whether you're maddened by the math behind machine learning, apprehensive about AI, perplexed by preprocessing data—or anything in between—this guide makes it easier to understand and implement machine learning seamlessly.

- Grasp how day-to-day activities are powered by machine learning
- Learn to 'speak' certain languages, such as Python and R, to teach machines to perform pattern-oriented tasks and data analysis
- Learn to code in R using R Studio
- Find out how to code in Python using Anaconda

Dive into this complete beginner's guide so you are armed with all you need to know about machine learning!

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Editorial Review

Review

"Comprehensive and not just for dummies." (MagPi, January 2017)

From the Back Cover

- Learn how machine learning algorithms are invaluable
- Implement machine learning in Python and R
- Use machine learning to accomplish practical tasks

Machine learning made easy!

It may sound a bit intimidating, but machine learning is an exciting new way to teach your computer to perform all sorts of important and useful tasks. This book is the easy way to get up to speed. It explains how to get started, provides detailed discussions of how the underlying algorithms work, uses languages such as Python and R to make machine learning possible, specifies how to do practical things using common algorithms, and more!

Inside...

- The real story about AI
- R and Python coding
- The role of statistics
- Managing big data
- Demystifying the math
- Using linear models
- What neural networks do
- How to work with images
- More tools you can use

About the Author

John Paul Mueller is a prolific freelance author and technical editor. He's covered everything from networking and home security to database management and heads-down programming.

Luca Massaron is a data scientist who specializes in organizing and interpreting big data, turning it into smart data with data mining and machine learning techniques.

Users Review

From reader reviews:

Walter Chacon:

Information is provisions for anyone to get better life, information nowadays can get by anyone at

everywhere. The information can be a know-how or any news even a huge concern. What people must be consider any time those information which is inside former life are challenging be find than now is taking seriously which one is appropriate to believe or which one typically the resource are convinced. If you obtain the unstable resource then you obtain it as your main information it will have huge disadvantage for you. All those possibilities will not happen within you if you take Machine Learning For Dummies as the daily resource information.

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Dorothy Bernstein:

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Clara Demoss:

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