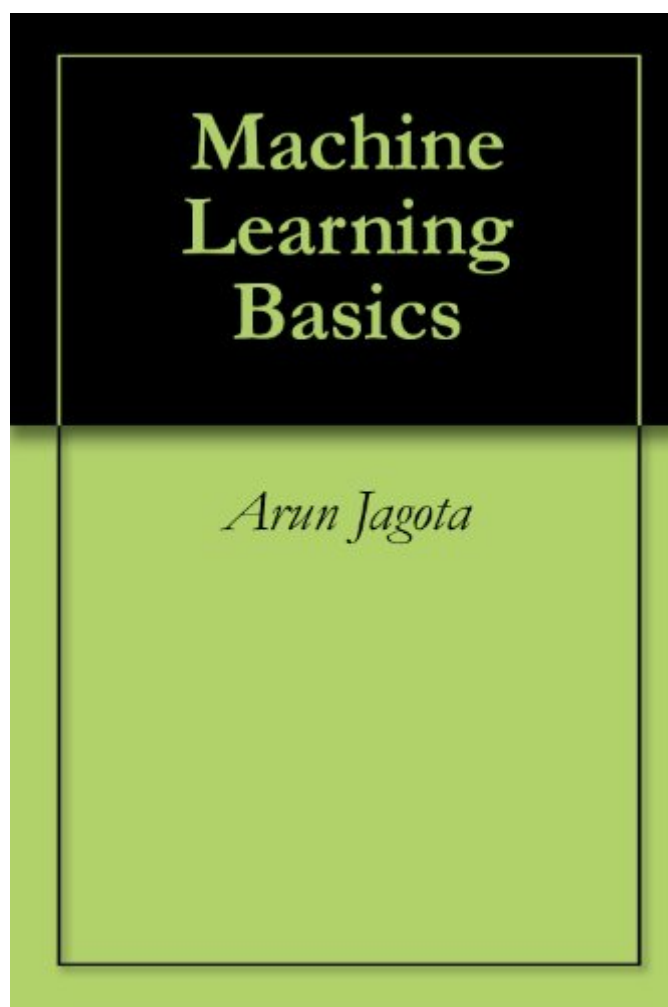# Machine Learning Basics

Synopsis

This book is a "plain-speak" introduction to Machine Learning. It introduces the concepts of unsupervised learning and supervised learning and explains how they differ. It covers clustering methods (K-means, Hierarchical), the Nearest Neighbors algorithm, Decision Trees, Linear Regression, Probabilistic Classification, and Reinforcement Learning.

Book Information

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Best Sellers Rank: #370,749 Paid in Kindle Store (See Top 100 Paid in Kindle Store)   #43 in Books > Computers & Technology > Computer Science > AI & Machine Learning > Natural Language Processing   #74 in Kindle Store > Kindle Short Reads > 30 minutes (12-21 pages) > Computers & Technology   #346 in Books > Computers & Technology > Computer Science > AI & Machine Learning > Intelligence & Semantics

Customer Reviews

This is just a short, inexpensive intro piece. It is good for its purpose. I give it three stars because it is a little math heavy without much explanation, but it does cover some of the major components/methods of machine learning providing you are up to the match included.

I can get more accurate and useful information from Wikipedia. One of the gems "a decision tree is 'a tree of decisions'".

This short book gives a decent overview of the various machine learning algorithms. The examples often lose themselves in quickly defined notations. If you are used to mathematical notations, this

fact will not bother you. If you aren't you will likely find the examples confusing.

This book was a very clear, concise text containing exactly what you want to know about ML basics. The format is as follows:- Conceptual introduction.- Algorithm description- Example.Each of these is no more than a page. I want to author a text this good.

Deep Learning: Recurrent Neural Networks in Python: LSTM, GRU, and more RNN machine learning architectures in Python and Theano (Machine Learning in Python) Unsupervised Deep Learning in Python: Master Data Science and Machine Learning with Modern Neural Networks written in Python and Theano (Machine Learning in Python) Deep Learning in Python Prerequisites: Master Data Science and Machine Learning with Linear Regression and Logistic Regression in Python (Machine Learning in Python) Convolutional Neural Networks in Python: Master Data Science and Machine Learning with Modern Deep Learning in Python, Theano, and TensorFlow (Machine Learning in Python) Deep Learning in Python: Master Data Science and Machine Learning with Modern Neural Networks written in Python, Theano, and TensorFlow (Machine Learning in Python) Machine Learning: A Probabilistic Perspective (Adaptive Computation and Machine Learning series) Unsupervised Machine Learning in Python: Master Data Science and Machine Learning with Cluster Analysis, Gaussian Mixture Models, and Principal Components Analysis Machine Learning with Spark - Tackle Big Data with Powerful Spark Machine Learning Algorithms Foundations of Machine Learning (Adaptive Computation and Machine Learning series) Introduction to Machine Learning (Adaptive Computation and Machine Learning series) Gaussian Processes for Machine Learning (Adaptive Computation and Machine Learning series) Bioinformatics: The Machine Learning Approach, Second Edition (Adaptive Computation and Machine Learning) First-Time Machine Applique: Learning to Machine Applique in Nine Easy Lessons A collection of Advanced Data Science and Machine Learning Interview Questions Solved in Python and Spark (II): Hands-on Big Data and Machine ... Programming Interview Questions) (Volume 7) Machine Learning Basics Introduction to Statistical Relational Learning (Adaptive Computation and Machine Learning series) Reinforcement Learning: An Introduction (Adaptive Computation and Machine Learning series) Learning Deep Architectures for AI (Foundations and Trends(r) in Machine Learning) The Bread Lover's Bread Machine Cookbook: A Master Baker's 300 Favorite Recipes for Perfect-Every-Time Bread-From Every Kind of Machine More Bread Machine Magic : More Than 140 New Recipes From the Authors of Bread Machine Magic for Use in All Types of Sizes of Bread Machines