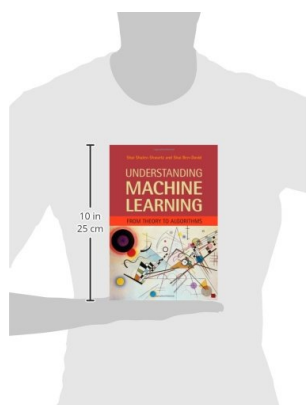


[PDF] Understanding Machine Learning: From Theory To Algorithms

**Shai Shalev-Shwartz, Shai Ben-David - pdf download free
book**



Books Details:

Title: Understanding Machine Learnin
Author: Shai Shalev-Shwartz, Shai Be
Released:
Language:
Pages: 410
ISBN: 1107057132
ISBN13: 9781107057135
ASIN: 1107057132

[CLICK HERE FOR DOWNLOAD](#)

pdf, mobi, epub, azw, kindle

Description:

Machine learning is one of the fastest growing areas of computer science, with far-reaching applications. The aim of this textbook is to introduce machine learning, and the algorithmic paradigms it offers, in a principled way. The book provides an extensive theoretical account of the fundamental ideas underlying machine learning and the mathematical derivations that transform

these principles into practical algorithms. Following a presentation of the basics of the field, the book covers a wide array of central topics that have not been addressed by previous textbooks. These include a discussion of the computational complexity of learning and the concepts of convexity and stability; important algorithmic paradigms including stochastic gradient descent, neural networks, and structured output learning; and emerging theoretical concepts such as the PAC-Bayes approach and compression-based bounds. Designed for an advanced undergraduate or beginning graduate course, the text makes the fundamentals and algorithms of machine learning accessible to students and non-expert readers in statistics, computer science, mathematics, and engineering.

- Title: Understanding Machine Learning: From Theory to Algorithms
 - Author: Shai Shalev-Shwartz, Shai Ben-David
 - Released:
 - Language:
 - Pages: 410
 - ISBN: 1107057132
 - ISBN13: 9781107057135
 - ASIN: 1107057132
-