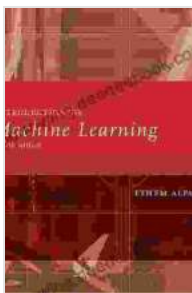


# Introduction to Machine Learning, Fourth Edition: Adaptive Computation and Machine Learning series

## Overview

Machine learning is a rapidly growing field that is having a major impact on a wide range of industries, from healthcare to finance to manufacturing. In this book, Ethem Alpaydin provides a comprehensive and accessible overview of the field of machine learning.



## Introduction to Machine Learning, fourth edition (Adaptive Computation and Machine Learning series)

by Ethem Alpaydin

★★★★☆ 4.7 out of 5

Language : English  
File size : 10954 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 1031 pages



The book covers a wide range of topics, from supervised learning to unsupervised learning, and from statistical learning to deep learning. Alpaydin explains each topic in a clear and concise manner, making the book suitable for both beginners and experienced practitioners.

## What's New in the Fourth Edition

The fourth edition of *to Machine Learning* has been extensively updated to reflect the latest advances in the field. New topics covered in this edition include:

- Deep learning
- Reinforcement learning
- Ensemble methods
- Active learning
- Transfer learning

### **Who This Book Is For**

*to Machine Learning* is an ideal textbook for undergraduate and graduate students in machine learning. The book is also a valuable resource for practitioners who want to learn more about the field.

### **Table of Contents**

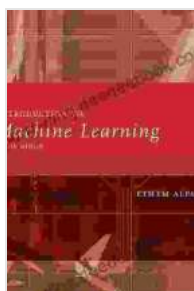
- 1.
2. Supervised Learning
3. Unsupervised Learning
4. Statistical Learning
5. Deep Learning
6. Reinforcement Learning
7. Ensemble Methods
8. Active Learning

- 9. Transfer Learning
- 10. Applications of Machine Learning

## About the Author

Ethem Alpaydin is a professor of computer engineering at Bogazici University in Istanbul, Turkey. He is a leading expert in machine learning, and he has written several books and papers on the topic.

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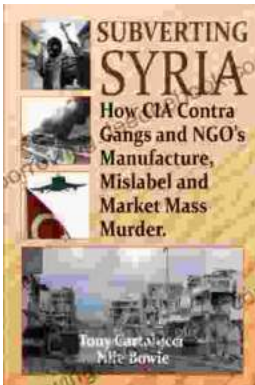
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