Book Description

Intrigued by machine learning and its explosive growth today? This text covers all the fundamentals and presents basic theoretical concepts and a wide range of techniques(algorithms) applicable to challenges in our day to day lives. It recognizes that most of the ideas behind machine learning are simple and straightforward. It provides a platform for hands-on experience through self-study machine learning projects. Datasets for some benchmark applications have been explained to encourage the use of algorithms covered.

The comprehensive textbook on machine learning is suitable for undergraduates in computer science and all engineering degree programs. Post graduates and research scholars will find it a useful initial exposure to the subject before they fo for highly theoretical depth in the specific areas of their research. For Engineers, scientists, business managers and other practitioners, it will help build the foundations of machine learning.

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Highlights

1. Covers a broad array of algorithms
2. Datasets demonstrating real-life challenges like Breast Cancer Diagnosis, optical Recognition of Handwritten Digits, Bank Telemarketing and Forecasting Stock Market Index Changes
3. Concepts and techniques presented in a non-rigorous mathematical setting
4. Nearly 200 problem exercises

About Author

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