

I'm not robot





Statistical pattern recognition is all about using statistical techniques to analyze data and make informed decisions. This field has been rapidly evolving, with many exciting developments in recent years. The techniques used here are super important for tasks like data mining, web searching, and face recognition, which require high-accuracy results. To help students and professionals alike, this new edition of the book covers a wide range of topics, from basic statistical theory to advanced methods like neural networks and support vector machines. Real-world examples illustrate how these techniques work, and extensive exercises provide hands-on practice for those looking to apply their knowledge in real-world projects. The book is perfect for senior undergraduate and graduate students studying statistics, computer science, or engineering, as well as a valuable resource for professionals in the field. Statistical Pattern Recognition: A Comprehensive Guide for Developers and Experts This comprehensive book covers pattern theory and techniques from diverse fields, including engineering, statistics, computer science, and social sciences. It has been revised to incorporate modern methods and applications, such as Bayesian analysis, neural networks, and feature selection/reduction techniques. Real-world examples illustrate these concepts, making it a valuable resource for software engineers and developers seeking to implement pattern recognition in real-world projects. The book is designed to be self-contained, providing detailed technical descriptions that will appeal to senior undergraduate and graduate students in statistics, computer science, and engineering. It also serves as an excellent reference guide for professionals looking to deepen their understanding of statistical pattern recognition techniques.