



Multivariate Density Estimation: Theory, Practice, and Visualization (Wiley Series in Probability and Statistics)

By David W. Scott

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Multivariate Density Estimation: Theory, Practice, and Visualization (Wiley Series in Probability and Statistics) By David W. Scott

Clarifies modern data analysis through nonparametric density estimation for a complete working knowledge of the theory and methods

Featuring a thoroughly revised presentation, *Multivariate Density Estimation: Theory, Practice, and Visualization, Second Edition* maintains an intuitive approach to the underlying methodology and supporting theory of density estimation. Including new material and updated research in each chapter, the Second Edition presents additional clarification of theoretical opportunities, new algorithms, and up-to-date coverage of the unique challenges presented in the field of data analysis.

The new edition focuses on the various density estimation techniques and methods that can be used in the field of big data. Defining optimal nonparametric estimators, the Second Edition demonstrates the density estimation tools to use when dealing with various multivariate structures in univariate, bivariate, trivariate, and quadrivariate data analysis. Continuing to illustrate the major concepts in the context of the classical histogram, *Multivariate Density Estimation: Theory, Practice, and Visualization, Second Edition* also features:

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