

Matematica Statistica E Informatica

Il presente testo si avvale di un approccio multidisciplinare (medico, matematico ed informatico) alla statistica medica e all'epidemiologia. Non vuole essere una trattazione esauriente e sistematica, avendo l'obiettivo di focalizzare gli argomenti che sono prioritari per i giovani studenti di lauree sanitarie che si avvicinano per la prima volta alla disciplina e che spesso non hanno grande dimestichezza con la matematica. Per tale motivo i vari argomenti vengono affrontati più su base intuitiva e pratica che non con dimostrazioni teoriche ed astratte. In questa prima parte vengono illustrate le tecniche di sintesi dei dati e le problematiche legate alla statistica inferenziale nel campo della stima campionaria. Vengono affrontati anche i temi della validità, affidabilità e riproducibilità dei test diagnostici oltre ad alcuni concetti base di epidemiologia. Si tratta quindi di un compendio delle competenze indispensabili per chi operi in campo sanitario dopo una laurea triennale.

The articles included in the volume cover a range of diverse topics linked by a common theme: the use of formal modelling techniques to promote better understanding of financial markets and improve management of financial operations. Apart from a theoretical discussion, most of the papers model validation or verification using market data. This collection of articles sets the framework for other studies that could link theory and practice.

This volume provides recent research results in data analysis, classification and multivariate statistics and highlights perspectives for new scientific developments within these areas. Particular attention is devoted to methodological issues in clustering, statistical modeling and data mining. The volume also contains significant contributions to a wide range of applications such as finance, marketing, and social sciences. The papers in this volume were first presented at the 7th Conference of the Classification and Data Analysis Group (ClADAG) of the Italian Statistical Society, held at the University of Catania, Italy.

Sustainable shareholder value is a main strategic objective for financial institutions. This text provides an analytical assessment of shareholder value creation, providing a framework for analyzing theory, and presenting empirical investigations. It analyzes the importance of drivers in creating value and develops a new measure of bank efficiency.

This Festschrift volume is published in honor of Pierpaolo Degano on the occasion of his 65th birthday and is the outcome of a colloquium held in Pisa, Italy, in June 2015.

Pierpaolo Degano has worked on a large variety of topics including formal program semantics, concurrency theory, systems biology and security. The volume contains 22 refereed papers and one extended abstract, including personal memoirs and regular research papers by close collaborators and friends and a laudatio illustrating his distinguished career and his main scientific contributions. The papers deal with the main research topics explored by Pierpaolo Degano and those still under his investigation.

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