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Modern organizations are increasingly relying on computerized information processes and infrastructures but as the underlying systems evolve and become progressively more sophisticated, their users and managers are facing an exponentially growing volume of complex data. Exploring, analysing and interpreting this information increasingly requires capabilities that cannot be met by conventional, standalone data mining solutions.

Centred on real-life case studies with contributions from leading experts in the field, the book explores the need for the grid-enabling of data mining applications and provides a comprehensive study of the technology, techniques and skills necessary to create them.

- **Examines the merits and limitations of each technology, centred on actual data mining problems in a wide variety of application domains.**
- **Takes a conceptual, practical approach, which does not assume detailed knowledge of either advanced data mining theory or mathematics.**
- **Clearly written by an international team of experts, with extensive cross-referencing and suggestions for further reading on both fundamental concepts and ongoing developments.**

The book provides a simultaneous design blueprint, user guide, and research agenda for current and future developments and will therefore appeal to a broad audience: from developers and users of data mining and grid technology, to advanced undergraduate and postgraduate students interested in this exciting field.