

*International Journal of*

# **Business Intelligence and Data Mining**

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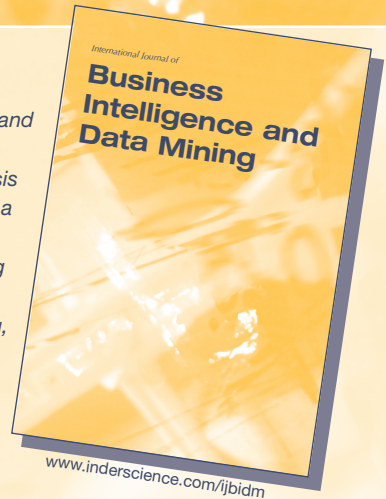
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# Scope of the Journal

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*IJBIDM provides a forum for state-of-the-art developments and research as well as current innovative activities in business intelligence, data analysis and mining. Intelligent data analysis provides powerful and effective tools for problem solving in a variety of business modelling tasks. IJBIDM highlights intelligent techniques used for business modelling, including all areas of data visualisation, data pre-processing (fusion, editing, transformation, filtering, sampling), data engineering, data mining techniques, tools and applications, neurocomputing, evolutionary computing, fuzzy techniques, expert systems, knowledge filtering, and post-processing.*



## Topics covered include:

- Data extraction/reporting/cleaning/pre-processing
- OLAP, decision analysis, causal modelling
- Reasoning under uncertainty, noise in data
- Business intelligence cycle
- Model specification/selection/estimation
- Web technology, mining, agents
- Fuzzy, neural, evolutionary approaches
- Genetic algorithms, machine learning, expert/hybrid systems
- Bayesian inference, bootstrap, randomisation
- Exploratory/automated data analysis
- Knowledge-based analysis, statistical pattern recognition
- Data mining algorithms/processes
- Classification, projection, regression, optimisation clustering
- Information extraction/retrieval, human-computer interaction
- Multivariate data visualisation, tools

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