

*International Journal of*

# **Data Analysis Techniques and Strategies**

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# Scope of the Journal

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*Many current data analysis techniques are beyond the reach of most managers and practitioners. Obscure maths and daunting algorithms have created an impassable chasm for problem solvers and decision makers. IJDATS bridges three gaps: firstly, a gap between academic ivory tower and the real world; secondly, a gap between quantitative data analysis techniques and qualitative data analysis techniques; and finally, a gap between a specific technique and an overall strategy.*

## Topics covered include:

- Basic/advanced statistics, Bayesian networks, queuing theory
- Data warehousing/mining
- Dempster-Shafer theory, mathematical programming
- Fuzzy sets/logic, genetic algorithms, neural networks
- Game theory, machine learning, OLAP, rough set theory, SVM
- Quality control, alternative (authentic) assessment
- Bottleneck and content analysis
- Case studies, cross-case/within-case displays, document studies
- Focus groups, interviews, key informants, observations
- Grounded theory, making good sense, narrative summary analyses
- Matrix displays, responsibility charts, triangulation, influence diagrams
- Balanced scorecard, benchmarking, stakeholder analysis
- Business process models/reengineering, strategy
- Computer simulation, data envelopment analysis, Pareto analysis
- Decision support systems, decision theory, knowledge management



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