

# Bayesian Network Training Workshops

## **Workshop:** Introduction to Bayesian Networks

We run introductory training workshops on Bayesian networks over 1-2 days. Topics covered in the workshops include:

- **Bayesian network basics**
  - Nodes
  - Arcs
  - Probabilities
  - Reasoning
- **Extensions**
  - Decision Networks
  - Dynamic BNs
  - Object-oriented BNs
- **Knowledge Engineering**
  - Expert elicitation methods
  - Learning parameters from data
  - Learning structure from data

## **Workshop:** Programming BN Solutions with Netica

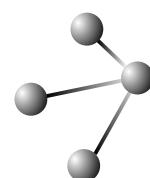
We also run 1 day workshops on programming Bayesian networks using the tools available with the Netica API. Attendees learn how to create software to:

- Build Bayesian networks and decision networks
- Perform probabilistic inference and make decisions
- Generate CPTs from data and equations
- Evaluate networks with predictive accuracy and sensitivity analysis

Prerequisites: some background in Bayesian networks. Java exercises for non-programmers are available for workshop preparation.

**Workshop Prices:** \$A800/day, with discounts for students, multiple days and multiple attendees per organization (contact us for details).

For further information, enquiries (including arranging alternative dates) or registration please visit <http://bayesian-intelligence.com/training/> or email [training@bayesian-intelligence.com](mailto:training@bayesian-intelligence.com).



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