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 Bayesian networks, 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 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.

**Coming Up**

Our next workshops will be held at [James Cook University, Townsville](http://bayesian-intelligence.com/training/).

- **26th Feb**  Introduction to BNs
- **27th Feb**  More on BNs
- **TBA**  Programming BN solutions with Netica (the basics)
- **TBA**  Programming BN solutions with Netica (advanced topics)

Price: $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/](http://bayesian-intelligence.com/training/) or email [Owen.Woodberry@bayesian-intelligence.com](mailto:Owen.Woodberry@bayesian-intelligence.com).