



BAYESIAN INTELLIGENCE

Workshop Overview and Pricing
training@bayesian-intelligence.com

2-Day Workshop: Introduction to Bayesian Networks

Join us for a hands-on, two-day workshop exploring the core concepts and practical applications of Bayesian networks (BNs)—a powerful framework for reasoning under uncertainty. Whether you're new to BNs or looking to deepen your expertise, this workshop blends foundational theory with practical tools and real-world techniques.

Day 1 – Foundations

We begin with the essentials: uncertainty, probability, and the basics of Bayesian reasoning. You'll get hands-on with BN software tools and build your own network from scratch. The day concludes with an introduction to Bayesian decision networks.

Day 2 – Advanced Topics

Day two focuses on knowledge engineering for BNs: including expert elicitation, learning networks from data, and model evaluation. In the afternoon, we explore real-world applications, such as GIS integration, dynamic Bayesian networks, and methods for scaling up your models.

This workshop is ideal for researchers, analysts, and professionals across disciplines. No prior experience with Bayesian networks is required—just a basic understanding of probability and a curious mind.

Pricing (AUD):

- **Organisational workshops:** \$3,500 plus \$200 per additional attendee (excl. GST)
- **Open group workshops:** \$1,300 per participant, or \$750 for students (incl. GST)

Workshops are capped at 10 participants to ensure an interactive and personalised experience.

Half-Day Workshops

If you're interested in a specific topic or short on time, we also offer focused half-day workshops, including:

- **Bayesian Network Foundations**
- **Bayesian Decision Networks**
- **Learning and Causal Discovery with Bayesian Networks**
- **Programming Bayesian Network Solutions**

Note: Some half-day topics may require prior experience with Bayesian networks.

Pricing (AUD):

- **Organisational workshops:** \$1,500 plus \$50 per additional attendee (excl. GST)
- **Open group workshops:** \$250 per participant, or \$100 for students (incl. GST)

Programming Bayesian Network Solutions

We also run workshops on programming Bayesian networks using Java and the Netica API, or Python/R and the GeNIe/SMILE 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

If you're interested in purchasing a copy of the workshop book, ***Programming Bayesian Network Solutions with Netica***, please see [this page](#) for more details.

If you feel you need to learn more about Bayesian networks first, you can attend the *Introduction to Bayesian Networks* workshop or the half-day *Bayesian Network Foundations* workshop.

Pricing (AUD):

- **Organisational workshops:** \$1,750 plus \$100 per additional attendee (excl. GST)
- **Open group workshops:** \$650 per participant, or \$375 for students (incl. GST)

Capped at 6 participants to ensure an interactive and personalised experience.

Contact us at training@bayesian-intelligence.com for more information or to negotiate special arrangements.