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one of several possible known causes was the contributing factor. Bayesian network - Wikipedia

4.2 Reasoning with Bayesian Networks

Consider Figure 4.1, which depicts a screen shot of the Samlam system for reasoning with Bayesian networks.¹ The figure shows a Bayesian network, known as Asia, for modeling beliefs about certain diseases and their relationship to whether the patient is a smoker and whether they visited Asia.

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probabilistic reasoning with Bayesian networks, with a focus on how problem structure can be exploited in various ways to improve the efficiency and scalability of reasoning. Textbook: Modeling and Reasoning with

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