• Organization(s): Haystax Technology
• Lead Investigator: Robert C. Schrag, Ph.D.
• Current Team Members: (Open)
Research Areas

– Qualitative specification of indicator-hypothesis Bayesian network models
  • Hypothesis propositions, qualitative indicator strengths, deterministic logical summaries, mitigation, relevance
  • Automated CPT generation and structured evidence event processing, with temporal relevance
  • GUI-based, SME-oriented

– Formal source credibility reasoning (after Schum’s evidence marshalling)
  • Indicator-hypothesis modeling of source objectivity, competence, veracity, opportunity
  • Covers individual or aggregate agents, statements/documents/databases, traditional sensors with false-positive/negative error rates
Unique Qualifications

Research:
• Large-scale deployed indicator-hypothesis model
• SME-oriented qualitative indicator-hypothesis modeling framework
• Formal credibility modeling
• PhD scientists with decades of experience in logic- and probability-based knowledge representation and reasoning

Product:
• World-class web-based data analytics software development team
Teaming Objectives

• Complementary skillsets:
  – Crowdsourcing...
    • Infrastructure
    • Elicitation techniques
    • Contributor competence assessment, reputation development
Contact Information

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