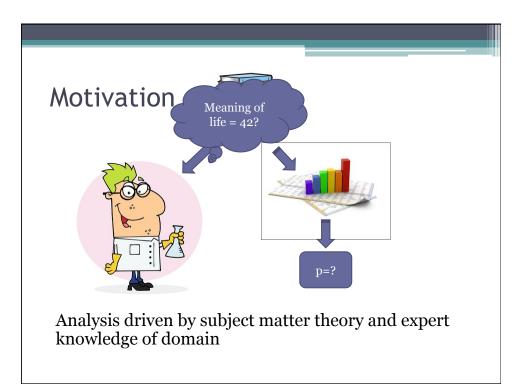
KDD 2013 Workshop on Interactive Data Exploration and Analytics (IDEA) A Process-Centric Data Mining and Visual Analytic Tool for Exploring Complex Social Networks

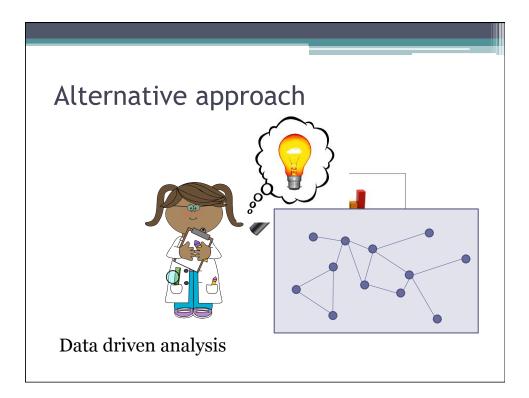
89

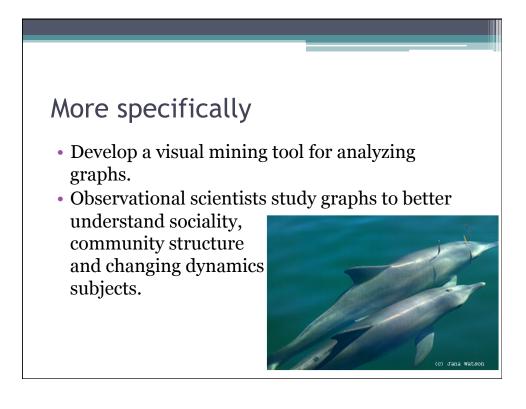
GEORGETOWN UNIVERSITY

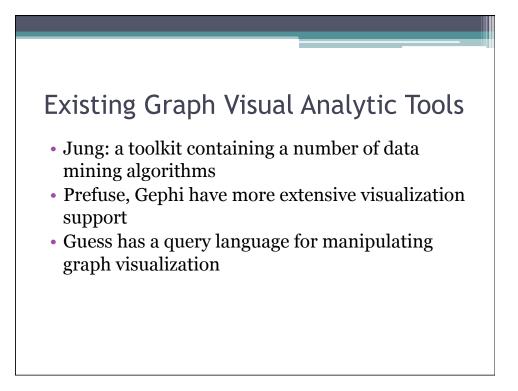
Prof. Janet Mann, Georgetown University, Dept. of Biology

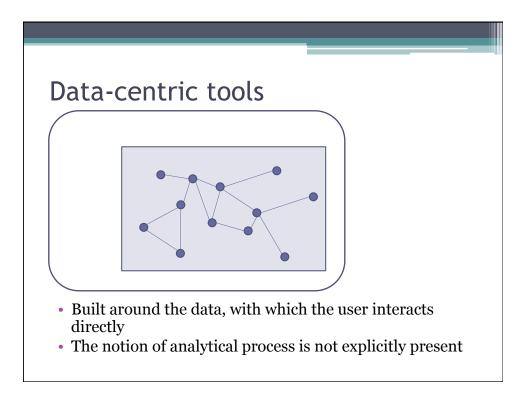
Dept. of Computer Science

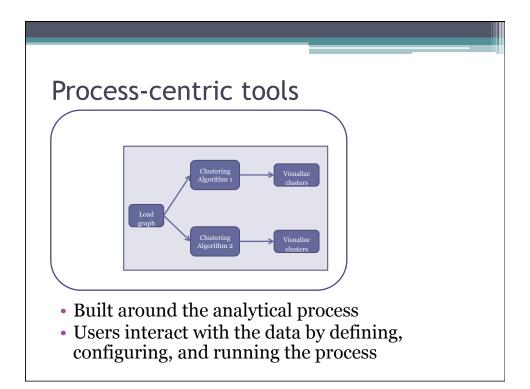


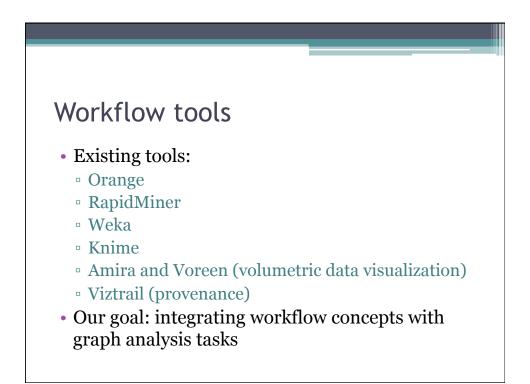


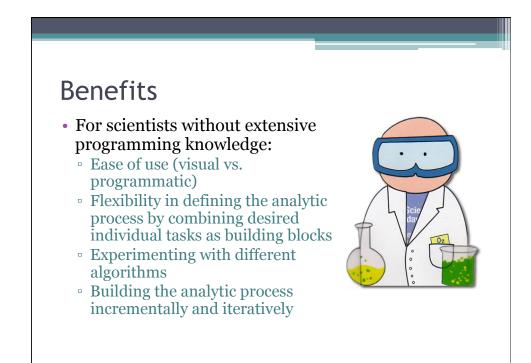


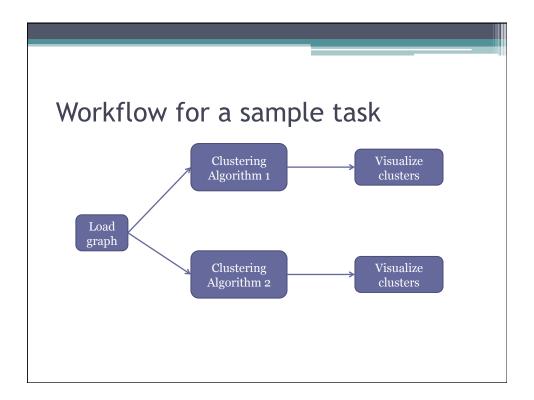


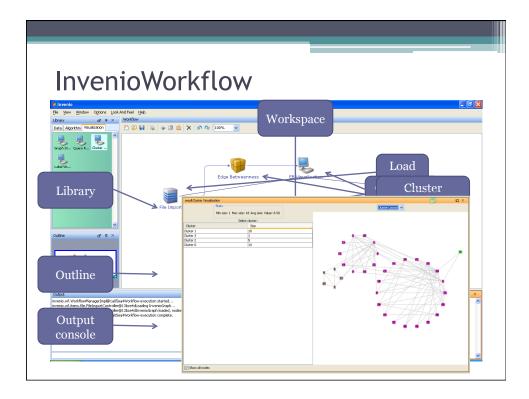


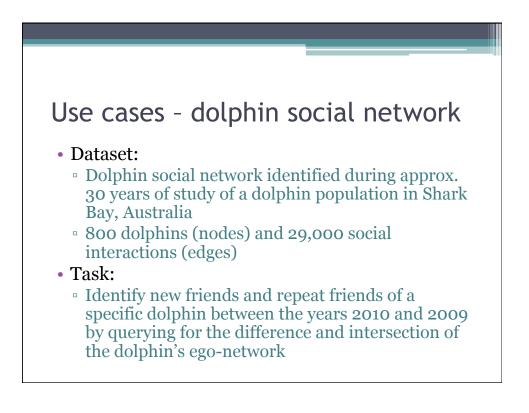


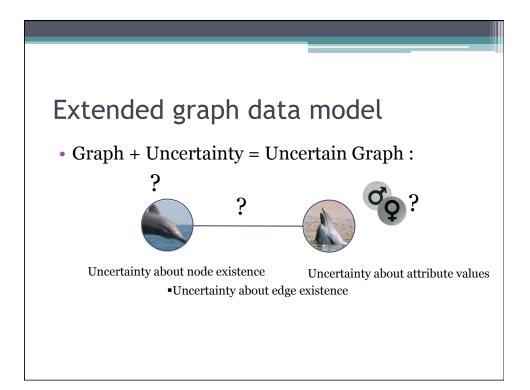


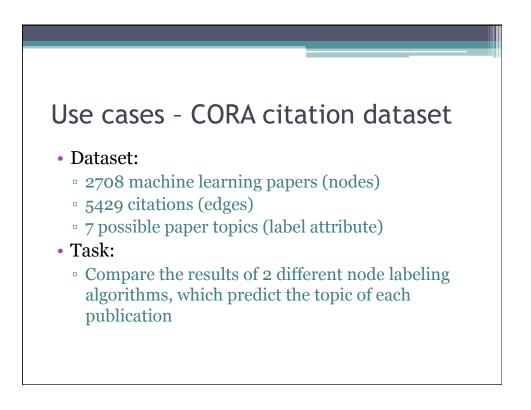












Conclusion: contributions

- A prototype process-centric, visual analytic tool to aid scientists in data-driven analysis
- A workflow process that includes visual, data mining, and graph query widgets for custom, exploratory analysis of network data
- Integration of a graph query engine into the workflow process
- A demonstration of the utility of the proposed workflow design using a complex dolphin observation network and a citation network

