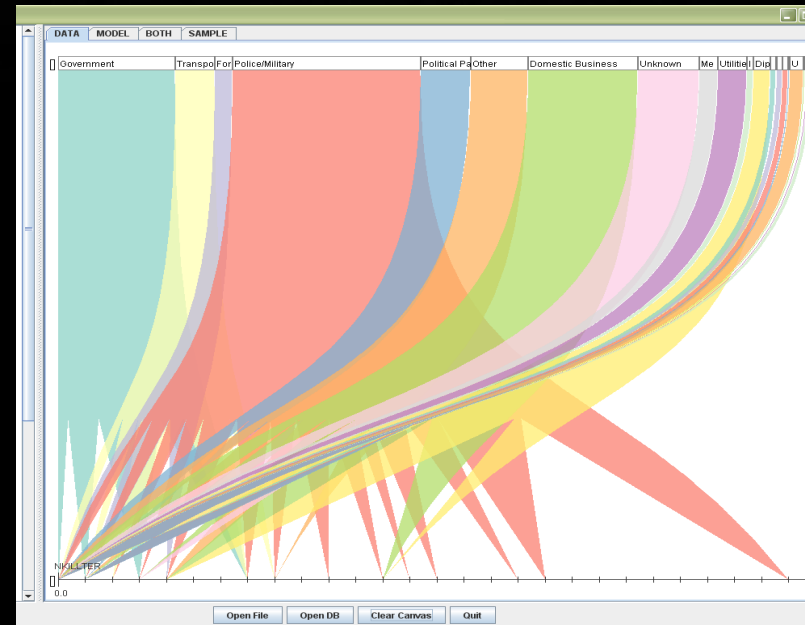# MDRP: Financial Visual Analytics

- Personnel: Yang, Ribarsky, MacEachren, Hardisty, Turton, Mitra, Robinson

- External Partners: DHS CCI, START Center, ICE, Treasury, FBI, National Insurance Crime Bureau, NVAC, Bank of America

- Goal – Explore, discover insights from and understand very large, dynamic collections of financial transactions

- Approach:
  - Build upon existing hierarchical financial analysis tools
  - Develop methods based on expert strategies extended to comprehensive collections of streaming transactional data.

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MDRP: Financial Visual Analytics

Outcomes:

- Connect terrorism and extremism with patterns of financial transactions

- Analyze for and discover fraud and money laundering

- Be able to explore at scale with many millions of transactions over extended periods of time

- Incorporate expert strategies and use expert evaluations for validation and improvement

- Develop tools for efficiently training new analysts in expert strategies

- Develop capabilities to attack very large financial databases that are difficult to illuminate with traditional query-based methods

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