Who We Are

Elder Research, Inc. is a leading consulting company in data science, predictive analytics, and text mining. Founded in 1995, Elder Research has helped government agencies and Fortune Global 500® companies solve real-world problems by amplifying the productivity of their analysts. Drawing from experience in multiple industries, we put cutting-edge technology into practice on the front lines of our clients’ business to help them get the most value from their data.

What We Do

Our goal is to transform data, domain knowledge, and algorithmic innovations into world-class analytic solutions. When we combine the business domain expertise of our clients with our deep understanding of advanced analytics, we create a team that can extract actionable value from the data. Expertise with a top-tier collection of analytic tools (commercial and custom made) together with our agility generates high productivity and gives our clients an excellent return on their analytics investment.

Our team has successfully applied sophisticated modeling techniques to a diverse array of challenges including:

» Patient Risk
» Fraud Detection
» Anomaly Detection
» Text Mining
» Cross-Selling

» Outcome-based Modeling
» Customer Segmentation
» Threat Detection
» Investment Modeling
» Complex Network Analysis

Elder Research has provided predictive analytics and data mining consulting for hundreds of clients.

COMMERCIAL INDUSTRIES:
- Healthcare
- Pharmaceuticals
- Retail
- Telecommunications
- Banking
- Consumer Products
- Credit Cards
- Insurance
- Investment
- Oil & Gas Exploration

SELECTED CLIENTS:
- British Petroleum
- DentaQuest/Delta Dental
- nTelos Wireless
- HSBC
- U.S. Postal Service Office of Inspector General
- Housing and Urban Development Office of Inspector General
- Department of Labor Office of Inspector General
- Internal Revenue Service
- U.S. Securities and Exchange Commission
- Veterans Health Administration
- New York Department of Labor
- Department of Defense

SCHEDULES:
- GSA Schedule 70: GS-35F-0320T
Services and Training

Elder Research has extensive cross-industry experience guiding clients toward analytic empowerment. Our Analytics Services Framework blends a collaborative and iterative Agile data science process with comprehensive training services to help build an analytic culture within an organization. The services leverage our client’s domain knowledge and resources and then apply our expertise in business analysis, systems engineering, advanced predictive modeling and deployment, and training.

ANALYTICS SERVICES:

» Enterprise Analytics Assessment
   An enterprise capabilities assessment to identify the current analytic maturity and capabilities within an organization.

» Analytics Prototype
   An exploratory analysis to discover the potential and feasibility of advanced analytic techniques in order to demonstrate the value of continued analytic investment.

» Model Development and Deployment
   Guides the client’s team through the process of embedding and operationalizing analytics to increase adoption and reduce time to value.

TRAINING:

» Analytics Concepts Course
   Describes leading algorithms, compares their merits, and briefly demonstrates their relative effectiveness in practical applications.

» Analytics Practitioners Course
   Shows how to discover useful patterns and trends within data. Valuable practical advice focuses on how to properly build reliable predictive models and interpret the results with confidence.

» Tools Training Course
   Customized engagement based on the client’s requirements. In-depth learning about the common analytic software packages.

Data Products

Elder Research complements world-class analytics services with powerful software solutions. Data products fuse advanced analytics, data manipulation, domain knowledge, and visualization into powerful software tools that enable each client’s business to optimize and automate business processes and leverage data to discover actionable insight.

RADR enables analysts to focus on the highest ROI cases and be proactive in finding fraud, waste, and abuse in contracts and medical claims.

QuiltMaker is a visual software tool that quantifies association strengths hidden in transaction data. Sorting rows and columns and re-coloring cells identify strong product correlations.