Discover Patterns That Matter™

PATTERN DISCOVERY
TECHNOLOGIES INC

Big Data Challenges

Analytics and data-driven decision making have been well recognized as a source of competitive advantage for companies challenged by increasing business complexity. Organizations across the globe are trying to adapt to the changing competitive landscape by taking advantage of big data. However, they are faced with several difficulties in the technology adoption process:

- Explosive growth in data volume
- Increasing data variety
- Limited internal analytics capabilities
- Interdisciplinary complexity of data-driven decision making

Pattern Discovery's Vision and Value Proposition

As a pioneering firm in data analytics, we understand that leveraging data effectively to enable decision support requires an interdisciplinary approach of data engineering, data sciences and decision sciences. We believe that organizations can profit from the deep understanding of analytical techniques and the domain expertise we have assembled in our employees and our network of industry partners. We are committed to helping our clients embark on the journey of institutionalizing decision support as a source of sustained competitive advantage through the deployment of the world's most advanced analytics and data management capabilities.

Analysis 》 Insight 》 Action

About Pattern Discovery

Our mission is to turn big data into sustained competitive advantage for our clients through advanced data analytics and deep domain expertise. Headquartered in one of the world's leading technology capitals – Waterloo, Ontario, Canada, we have created a global network of analytic and technical centres of excellence. Our expertise and experience spread across multiple industries and functional areas including:

Manufacturing Analytics: Combining advanced predictive analytics and qualitative insights to unlock knowledge buried within complex plant operating data for process optimization and for effective preventive maintenance, reliability assessment, failure prediction and remaining useful life estimation

Marketing Analytics: Discovering and understanding sustained changes in customer behaviour and buying habits, through advanced analytics and dynamic, step-by-step treatments

Credit and Risk Analytics: Delivering enhanced risk prediction, fraud prevention, and targeted collection programs with predictive analytics

Supply Chain Analytics: Making procurement, logistics and outsourcing more efficient through analytics, technology, and deep domain expertise

Government Analytics: Integrating, enhancing, and structuring multiple data sources to deliver unique insights and enhanced governance

Healthcare Analytics: Transforming healthcare delivery through resolving core issues such as revenue leakage protection, claim fraud detection and settlement optimization

We provide our clients with holistic solutions consisting of proprietary technology platforms, proven deployment processes and talented people. Our industry-leading analytics platforms and processes are designed to maximize return for clients from their data assets. Our unique data monetization system is built on top of world-class data management and structuring modules, as well as patented Discover*e technologies for rapid data profiling and in-memory analysis of very large data sets.

We are committed to an end-to-end, full execution approach to maximize the return of investment for our clients. Infused with deep expertise from our seasoned data scientists and domain experts, our technology platforms offer unparalleled data analytics capabilities to clients with differing needs and levels of sophistication in today's rapidly changing business processes and environments.

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Pattern Discovery Technologies Inc. is a pioneer in data mining and predictive analytics. Founded in 1997, PDT provides big data solutions for companies to drive performance improvements with our powerful analytical algorithms, software products and professional services.

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