MODERN SOLUTIONS

SOLVING COMPLEX DATA CHALLENGES

SOLUTION ENABLEMENT
Specialize in big data, advanced analytics, app development, cloud services, and agile methodologies.

INNOVATION
Leverage disruptive technologies to design and build powerful data infrastructures and applications.

OPTIMIZED INSIGHTS
Partner with customers to solve their unique technology and data challenges to optimize insights and drive better business outcomes.

RESULTS DRIVEN
Unlock hidden value in large data sets to turn data into actionable information.

BIG DATA
- Enterprise Data
- Data Warehousing
- Data Visualization
- Data Integration

DATA SCIENCE
- Predictive Analytics
- Algorithm Development
- Experiment Design
- Data Exploration

S/W ENGINEERING
- App/Mobile Development
- User Experience
- Internet of Things
- System Integration

CLOUD SERVICES
- Cloud Strategy
- Connectivity
- System/Data Migration
- Backup/Recovery
SUCCESS STORIES
SOLVING CUSTOMER CHALLENGES

We take the time to understand our customers’ pain points to customize innovative and scalable solutions providing increased accuracy, new insights, and better decision making. Our experience spans a wide range of industries and domains across both commercial and government clients.

NATURAL LANGUAGE PROCESSING
Implemented NLP and text analytics to create a real-time decision support tool for medical diagnosis recommendations.

ENTERPRISE DATA WAREHOUSE
Consolidated data and robust reporting to exploit Air Force data for improved decision making.

DIGITAL TWIN ANALYTICS
Constructed a big data platform for aircraft digital record, health assessments, and root cause identification.

AGILE BIG DATA FRAMEWORK
Developed architecture and advanced analytics for insight discovery to increase retail competitive advantage.

TIME SERIES PREDICTION
Created a repeatable statistical model to predict battery lifetime and failures to provide actionable decision support.

PREDICTIVE ANALYTICS
Predicted supply outages from operations and maintenance data with 2.5 times greater accuracy.

CONDITION BASED MAINTENANCE
Used text mining and machine learning to expose maintenance data insights for an improved accuracy from 70% to 90%.

MODERN RESPONSIVE DESIGN
Modernized a financial advisory user interface to be responsive, mobile-friendly, and translatable to multiple form factors.

MACHINE LEARNING
Created an automated machine learning algorithm solution to more efficiently determine electrical grid faults.

ENTERPRISE DATA EXCHANGE
Developed a common set of data management capabilities to increase synchronization, standardization, and quality.

“Put five smart people in a room and they can figure out just about anything.”
— Jon Mitchell, ILW CEO

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