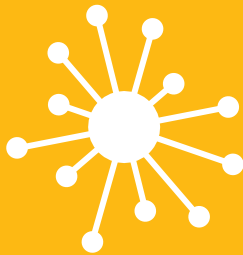


# Data Science Workshop

From Data to Knowledge, Understanding, and Value



## Get the Value, Insight, and Competitive Edge from Big Data

The data explosion is impacting enterprise storage, communications, infrastructure performance, and more. Data science is now a critical growth area for research and industry, including science, government, finance, healthcare, manufacturing, advertising, and retail. Technologies are available to help you to start fully exploiting your data through data science and advanced Hadoop\*-based analytics.

But technology is only part of an effective Big Data solution. Organizations need data science expertise to succeed.

The Intel data science team can help you navigate the Big Data environment, uncover and extract the value hidden in your data, and make it work for your organization.

### Workshop Highlights

- Prioritize your business needs
- Identify your highest ROI use cases
- Identify lowest-cost, easiest-access internal and external data sources
- Design an advanced analytics architecture
- Discover your end-to-end solution

### Workshop Deliverables

- Data science recommendations
- High-level target architecture design
- Workshop report, including next steps



## Two Days That Can Accelerate Your Big Data Results

Our two-day data science workshops are delivered by a team of experts, experienced in guiding organizations through the data science process. You will have access to knowledge, domain expertise, and project accelerators that can speed implementation and growth.

## How We Can Help

Get the most from your data and Big Data environment. Our world-class data science services team and partners can help you identify your highest-ROI use cases, while addressing your Big Data strategic, tactical, and operational needs.

SAMPLE SERVICES	BENEFITS
<b>Graph Analytics</b>	Cohort analysis, trend analysis, missing information, anomaly detection, importance discovery, and many others
<b>Text Mining/Document Analysis</b>	Enables sentiment analysis, provides business intelligence
<b>Image Analysis</b>	Enables various image-based analyses (e.g., biomedical image analysis)
<b>Life-term and Short-term Value Analysis and Optimization</b>	Long-term and short-term trend-based and value-based optimization
<b>Intrusion Detection Approaches</b>	Network perimeter defense and entity defense
<b>Risk Profiling</b>	Customized approaches to handling business risk
<b>Cyber-Situational Awareness</b>	Holistic approach to mission assurance
<b>Entity Behavior Modeling and Prediction</b>	Monitoring, understanding, and predicting behavior of various entities, detecting insider threats, and empowering decision makers
<b>Customer Segmentation</b>	Actionable insights into customer segments
<b>Spend Analysis</b>	Optimal internal and customer-facing solutions
<b>Social Media Analytics</b>	Predictions and better decision making through analysis of social media sources
<b>Voice Analytics</b>	Speech recognition, segmentation, transcription
<b>Various Predictive Analytics</b>	Continuous near-real-time optimization and action
<b>Exploratory Analysis</b>	Improving understanding of your data, feature engineering, selection, pruning, pattern discovery
<b>Campaign Effectiveness and Optimization</b>	Total customer engagement
<b>Fraud Detection</b>	Benefits for financial, insurance, healthcare, and other domains
<b>Collaborative Filtering</b>	Recommendation engines
<b>Simulation Runs</b>	Hypothesis testing, potential scenario evaluations, and many others

### Data Science

- Data Mining
- Machine Learning
- Graph Analytics
- Text Analytics
- And more

### Analytics & Architecture Design

- Analytical Solution Blueprints
- Data Integration
- Domain Expertise
- Proof of Concept

### Data Source Exploration

- Data Source Identification
- Internal Data
- Enrichment Data Sources
- Data Specifics

### Strategy & Business Case Development

- Data Science & Big Data Strategy
- Mission & Goals Exploration
- Highest ROI Use Case Discovery

## Meeting Your Needs

We look forward to meeting with you to define your requirements and meet your objectives.

- **Accelerate time to value:** Achieve real-time cost optimizations and respond to market trends.
- **Secure mission assurance:** Create fast, accurate decision making processes.
- **Maintain control:** Attain self-sufficiency.
- **Increase business potential:** Achieve better, more holistic R&D processes.

## Request a Workshop

Contact your sales rep, or call or email us.

1-855-229-5580

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