



# Powerful Insights that Drive Future-Focused Organizations

## Data is prolific.

Effective use of data, and the insights it offers, confers strategic advantage. To keep pace, you need to capitalize on opportunities to leverage artificial intelligence (AI).

Excella is an Agile technology firm helping leading organizations realize their future through the power of technology. We work collaboratively to solve our clients' biggest challenges and evolve their thinking to help them prepare for tomorrow. Together we transform bold ideas into elegant technology solutions to create real progress.

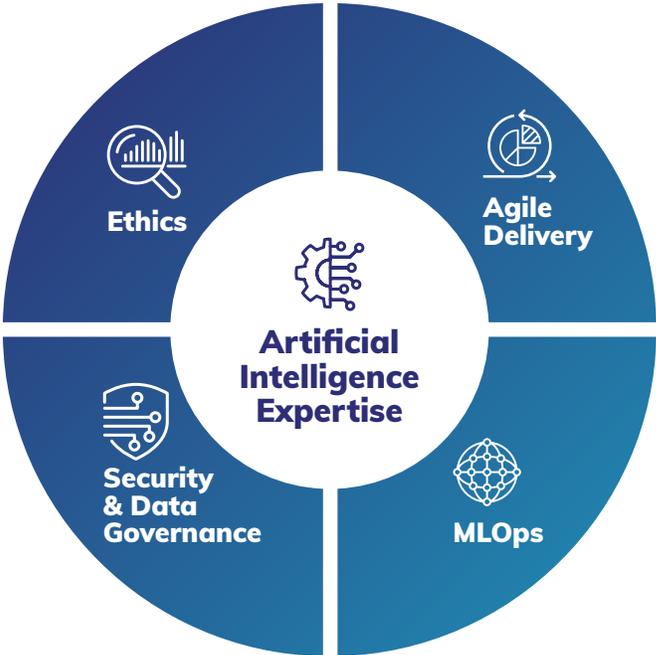
Learn more at [www.excella.com](http://www.excella.com).

# Transforming Organizations with AI

Excella collaborates with our clients to solve their biggest challenges.

By harnessing the power of AI, our clients have experienced:

- Reduction of fraud, waste, and abuse in government
- Increased customer satisfaction
- Improved efficiencies through automation of manual work
- Improved the quality, outcomes and decisions of patient care
- More effective and proactive detection of fraud
- Reduction of high healthcare costs



### Agile Delivery

**Rapid AnalytiX:**  
Agile for analytics projects

### MLOps

Managing model development through build, deploy, and operations

### Security & Data Governance

Secure data solutions and value-driven data governance

### Ethics

Ethical and transparent AI solutions

# Optimize for the Future with AI

Our AI experts use available data sources to create machine learning (ML) models tailored to your specific mission and business priorities.

We employ a proprietary Agile discovery and delivery model that assesses available alternatives and rapidly identifies the best solution. Our MLOps capabilities emphasize ease of use, maintenance, and adaptability to evolve with your changing environment and the ever-expanding universe of data sources and types.

Our holistic approach to AI hinges on four crucial elements across every engagement: Agile Delivery, MLOps, AI Ethics, and Security and Governance.



## Agile

### You can only move as fast as you can learn.

Our exclusive Rapid AnalytiX offering is a repeatable and proven Agile discovery and delivery model that integrates best practices from Lean Discovery, Agile Delivery, and DevSecOps Automation. We employ rapid learning cycles to accelerate the identification of the best modeling approaches, speed their delivery to production, and ease your maintenance burden.

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## MLOps

### Gain a competitive edge and maximize mission impact.

Leveraging MLOps via automated tooling and infrastructure we can expedite validation solution approaches more rapidly, eliminate repetitive manual tasks, and improve quality in production through monitoring and automated retraining and redeployment. Just as DevOps brings advantages to software development, MLOps is advantageous for AI. Rapid, reliable, reproducible deployment of the entire solution is critical for feedback and value. Automated monitoring provides continued reliability of model accuracy as data changes over time.

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## AI Ethics

### Building responsible and ethical AI solutions.

AI models increasingly contribute to or even make decisions that significantly impact peoples' lives. It is essential to have an ethical framework in place to prevent the introduction of bias and irresponsible use. We use our AI Ethics guidelines with our clients to assess this risk to ensure the fundamental interests of people and diverse stakeholder groups are protected. We embed this ethical approach into AI solutions before we start building and employ explainable AI design approaches to maintain transparency throughout. This is not a once-and-done.

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## Security and Data Governance

### Actively defend against emerging security threats.

We employ a zero-trust architecture approach to secure our AI solutions and their supporting infrastructure. We maximize the benefit of your data by establishing value-based data governance using intelligent data catalogs and Agile prioritization techniques. At the same time, we document your data landscape, making it easier to audit your data, report its potential, and use it for strategic advantage.

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## A Proven Partner in AI Implementation

We partner with our clients to build sustainable AI solutions with a MLOps mindset that evolves with their organization and the changing regulatory environment. Our clients are realizing their future through technology.

## Health and Human Services Office of Inspector General (HHS OIG)

### Identifying and assessing fraudulent and irresponsible funding.

With the Grants Analytics Portal (GAP), Excella helped to build a machine learning solution that enabled our customer to identify high risk instances of grants funding by systematically finding and prioritizing outliers and anomalies and presenting recommendations for further analysis to auditors and investigators.

#### Results:

- Using GAP, HHS Operatives **found over 50,000** possible Single Audit Fraud and Abuse Findings in a single fiscal year—**more than twice as many as reported** by auditors using structured data
- Streamlined the audit reporting, evaluations, and investigations process that supports the oversight of **\$494 billion in grants to 21,000 recipients annually**
- 1,600 employees can spend less time performing manual analysis and **more effectively target their investigations**
- Reduced dependence on tips and known bad actors to **identify new fraud schemes**



## Awards

We believe in the power of technology, and we cultivate highly engaged teams of technologists to help our clients make real progress.

- 2020 Winner FedHealthIT Innovation Awards
- Igniting Innovation Award
- Microsoft MVP Award
- Google Developer Expert
- 2020 NVTC Tech Award Honoree
- Inc. 5000
- Korn Ferry Engaged Performance Award
- Best Management Consulting Firms