Achieving decision advantages with AI
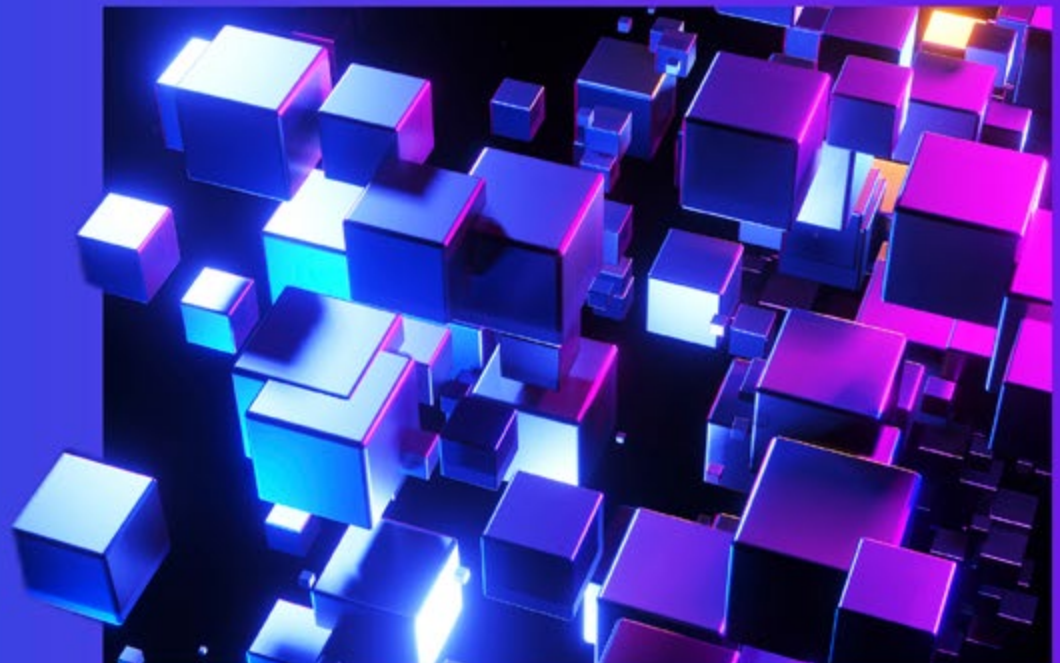
Implementing an AI solution can be intimidating—especially when it impacts every decision from the boardroom to the battlefield.

From advanced analytics, artificial intelligence (AI), and machine learning (ML) solutions to the leading operating models and infrastructures that power them, KPMG LLP is equipped with the right people, tools, and strategic alliances to help the Department of Defense build a true, modern, data-driven organization—fast.

The KPMG advantage

When humans and systems collaborate, the possibilities are almost limitless. The leap to AI and automation requires guidance to focus on the right processes, recruit and train employees, adopt a governance model, integrate controls, and scale across the enterprise. When rethinking the way the Department carries out its mission and operates, it's critical you're ready.

The successful use of AI is not centered around the tools, but around the Department's needs. We use human-centric design thinking to understand those needs and work with you to create a custom, scalable, and innovative solution to help meet your needs.

Our AI capabilities include:

KPMG Ignite	Our patented, incredibly powerful, and easy-to-use AI solution combines a feature-rich AI development platform with a robust portfolio of prebuilt, industry-tested AI-enabled solutions—all backed by our deep industry and domain experience. It can help your agency light a fire under your AI initiatives and maximize value.
Data and AI Strategy and Governance	KPMG works with you to develop a governance model appropriate to your needs by defining the roles and authorities of the enterprise chief data and AI officers, and defining data and AI governance and stewardship mechanisms required to operationalize new and emerging federal polices for responsibly managing AI.
AI Risk Diagnostic (ARD) Framework	KPMG can help you develop an ARD framework to reduce AI vulnerabilities and compliance requirements. The framework is part of an AI governance methodology focused on identifying, assessing, managing, monitoring, and reporting on operational, financial, and regulatory risks related to the ownership, deployment, and use of AI.
Ethical AI Framework	Working with KPMG, you can build and maintain a framework for ethical AI to help evaluate and resolve the ethical issues around AI, including transparency and explainability, data privacy, and human oversight. KPMG also prepares you for the maintenance of the AI ethics framework, including continuous monitoring, evaluation, and evolution after deployment.
AI Security Framework	KPMG AI Security Services provide tailored and effective security approaches for AI systems and models. As part of the framework, we prioritize securing your most critical systems, provide your security teams with a playbook that proactively assesses your AI systems in development and production environments, and respond effectively in the event of an attack.

Our approach: Data quality built in from the start

As many have learned the hard way, a decision based on outdated, incomplete, or misleading data can be worse than using a Magic 8 Ball. An AI solution that delivers insights while also creating security vulnerabilities or privacy violations can do more harm than good.

We know that security, privacy, accuracy, and immediacy aren't just nice-to-have options. They must be built into the system at every point, fully integrated throughout the entire data pipeline and automated using well-governed AI and ML technologies.

KPMG approaches every project armed with the right skills, tools, and methodologies to help ensure that every decision you make is based on a solid foundation you can count on. No matter the project, KPMG actively engages your key stakeholders throughout the AI lifecycle to help ensure solutions are designed to effectively deliver mission value.

Our people make the difference

Unlike technology-only firms, KPMG draws from our deep bench of in-house talent to form teams to help ensure a successful and sustainable AI or analytics project, including:

- PhD-level data scientists and technology professionals with deep experience in the design, development, and training of AI and ML models

- Data analytics professionals, including our team of data visualization professionals, to help us extract and communicate the insights you need

- Software developers skilled in modern methodologies including Agile and DevSecOps

- Engineers with specific knowledge and experience deploying solutions on all leading cloud platforms

- Design and user experience (UX) professionals to help ensure that your solution will be intuitive and easy to use

- Governance, risk, and compliance professionals, including legal professionals and former federal chief data officers and chief information officers with decades of experience leading federal data and AI programs, to help identify, understand, and mitigate key risks associated with AI or analytics solutions

- Organizational change management professionals to help smooth the transformation across your entire organization

Deploying AI and automation requires a well-planned, thoughtful approach that can mitigate risk, navigate policy and security concerns, and achieve mission and business results. Are you ready?

Contact us

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