

# MITRE | AI Maturity Model



MITRE's Artificial Intelligence Maturity Model provides a systematic and transformational way for organizations to follow as they manage, adopt, resource, and implement AI.

## A Roadmap for Successful AI Adoption

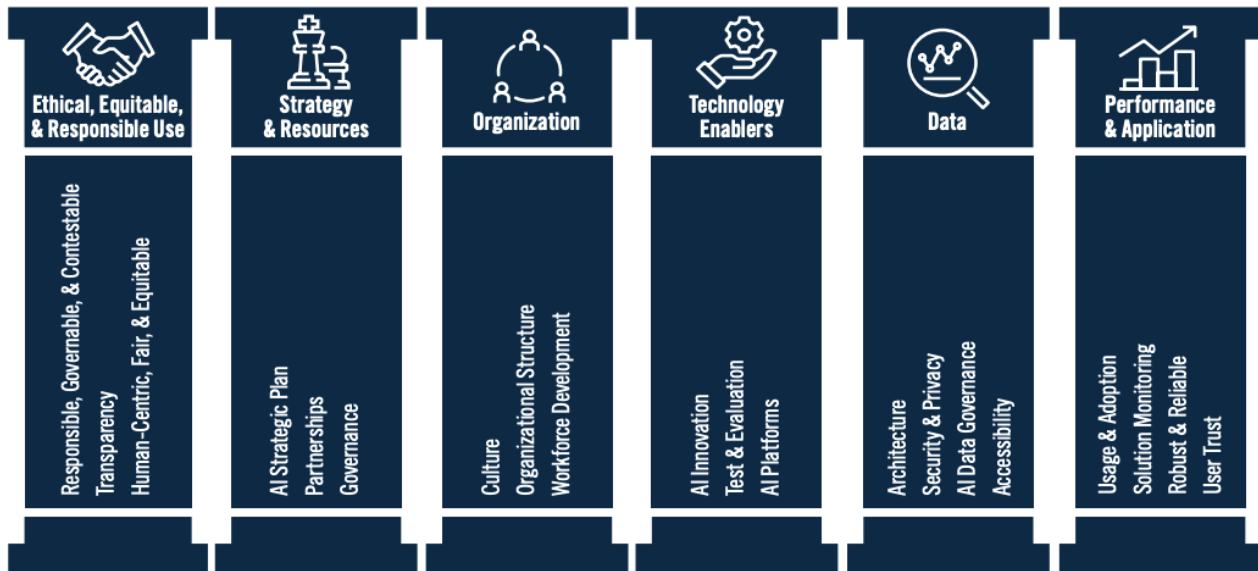
With the dramatic emergence of advanced AI technologies, organizations are pursuing ways to accelerate AI adoption to enhance efficiencies and mission impact.

The MITRE AI Maturity Model provides a comprehensive framework to define and measure progress in AI adoption across an organization. The flexible and adaptable assessment method tracks progression throughout an organization's AI transformation, including workforce and enterprise goals. Organizations can also use the model to gauge how they are keeping pace with AI technology growth, acceleration, and evolution.

Our AI Maturity Model is unique in that it identifies metrics and assessment levels necessary to evaluate and measure progress across the different dimensions of AI adoption, expansion, and effectiveness.

The model helps organizations understand the many distinct and inter-related concepts that need to be addressed to improve AI adoption.

Our AI Maturity Model helps organizations advance their AI readiness, plan for greater adoption success, and enhance work performance.



These concepts are described in a clear and consistent way, providing organizations with the resources to develop a data-driven plan and enhance data literacy throughout their enterprise.

## Six Pillars

The AI Maturity Model comprises six pillars that, together, are critical to successful AI adoption:

1. Ethical, Equitable, and Responsible Use
2. Strategy and Resources
3. Organization
4. Technology Enablers
5. Data
6. Performance and Application

Each pillar has dimensions describing specific actions and activities that demonstrate advancing AI maturity practices. Together, these pillars and dimensions are measured with five readiness levels that qualitatively describe hierarchical and scalable progress throughout AI adoption: initial, adopted, defined, managed, and optimized.

While the pillars and readiness levels bring structure and breadth to the model, the dimensions provide metrics by which an organization can determine progress through use of the corresponding AI Maturity Model Assessment Tool. This assessment process can help the organization determine if the critical resources, processes, and technology are in place for successful AI adoption at necessary and appropriate target levels.

## Resources

Download the AI Maturity Model:

[The MITRE AI Maturity Model and Organizational Assessment Tool Guide](#)

For more information on MITRE's AI Maturity Model, contact [AIMM@mitre.org](mailto:AIMM@mitre.org).

MITRE's mission-driven teams are dedicated to solving problems for a safer world. Through our public-private partnerships and federally funded R&D centers, we work across government and in partnership with industry to tackle challenges to the safety, stability, and well-being of our nation.