itnovit.
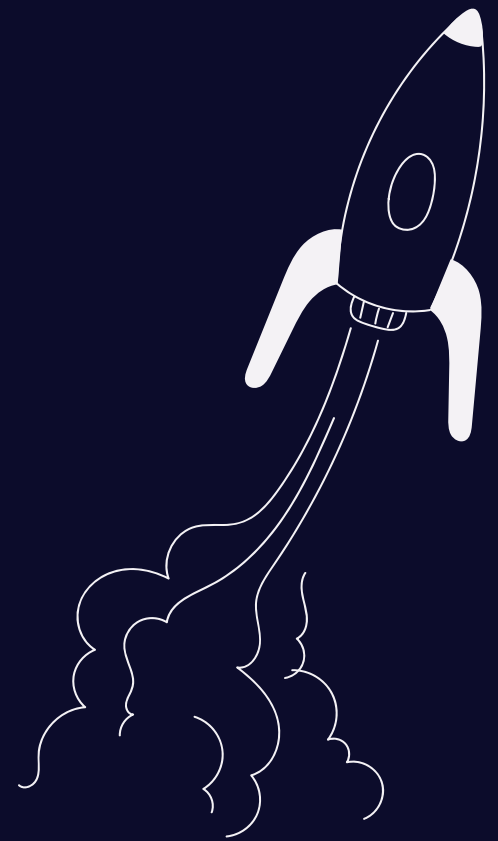
Building Ethical AI Practices: A Path to Trustworthy AI

Jorge A Dominguez M

Innovation AI Architect

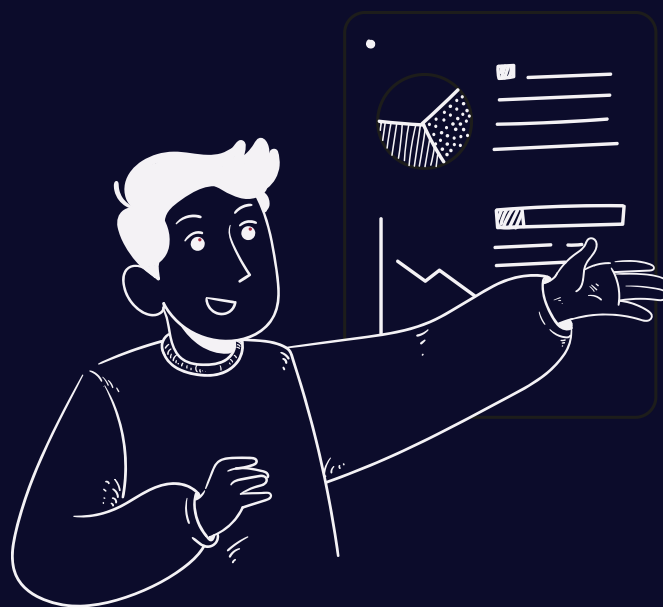# Why Ethical AI Matters

- Avoid bias and promote fairness.

- Protect privacy and enhance security.

- Foster trust and accountability in AI systems.

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Introducing the NIST AI RMF

Framework Goals:

- Reduce risks and maximize benefits.

- Build trustworthy and human-centric AI systems.

- Establish governance across AI lifecycle stages.
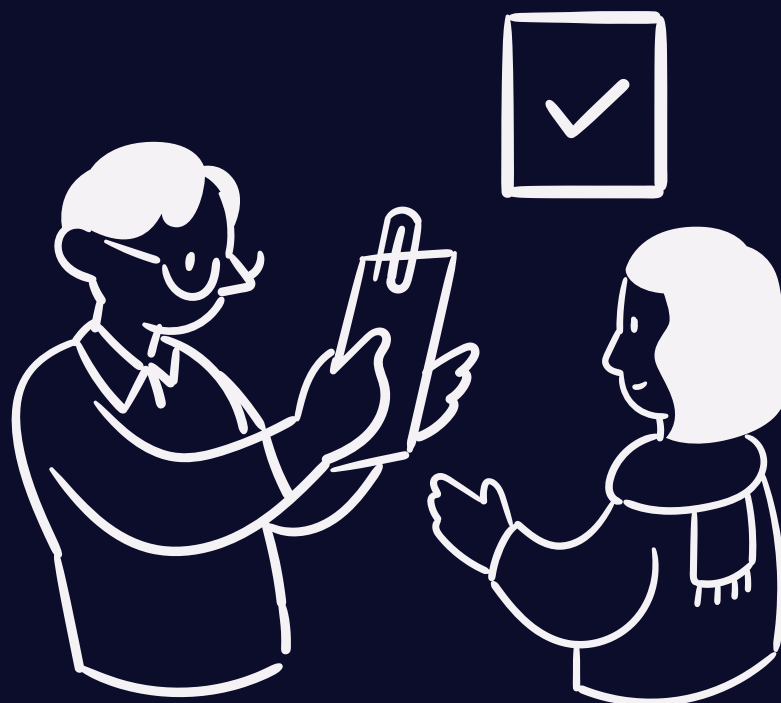
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Core Pillars of Ethical AI

- Transparency and Explainability.

- Fairness and Inclusion.

- Privacy and Security.

- Accountability and Governance.

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Governance Framework for Ethical AI

- Embed risk management into organizational culture.

- Define clear roles and responsibilities.

- Monitor and review AI operations regularly.

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Mapping Risks in AI

Steps:

1. Understand the purpose and use case.
2. Identify assumptions and limitations.
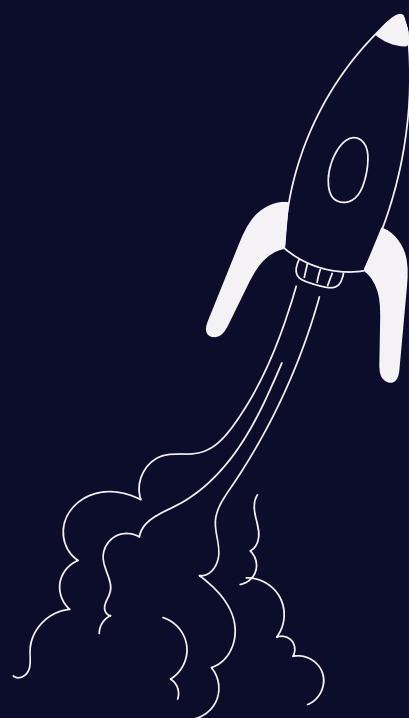3. Evaluate social and technical implications.

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Balancing Ethical AI Trade-offs

Privacy vs. Transparency.

Fairness vs. Accuracy.

Security vs. Accessibility.

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Technology Supporting Ethical AI

Tools for risk analysis and mitigation.

Privacy-enhancing technologies.

Explainability and validation tools.

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Practical Strategies for Responsible AI

- Build diverse teams.

- Establish AI ethics training programs.

- Develop clear decommissioning processes.

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Workday Case Study

Workday applied NIST AI RMF:

- Strengthened AI governance.

- Maintained customer trust.

- Aligned AI deployment with ethical standards.

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Acknowledgment

This presentation incorporates principles and guidelines from :

- NIST AI RMF 1.0 for Trustworthy AI. The National Institute of Standards and Technology's (NIST) Artificial Intelligence Risk Management Framework (AI RMF) 1.0.

- Published Deloitte AI Trustworthiness Practices.

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Ready to Adopt Ethical AI Practices?

Collaborate with itnovit to for governance frameworks and Ethical AI adoption.

Let's manage risks and ensure responsible AI adoption.

📧 Comment below or DM for guidance!

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