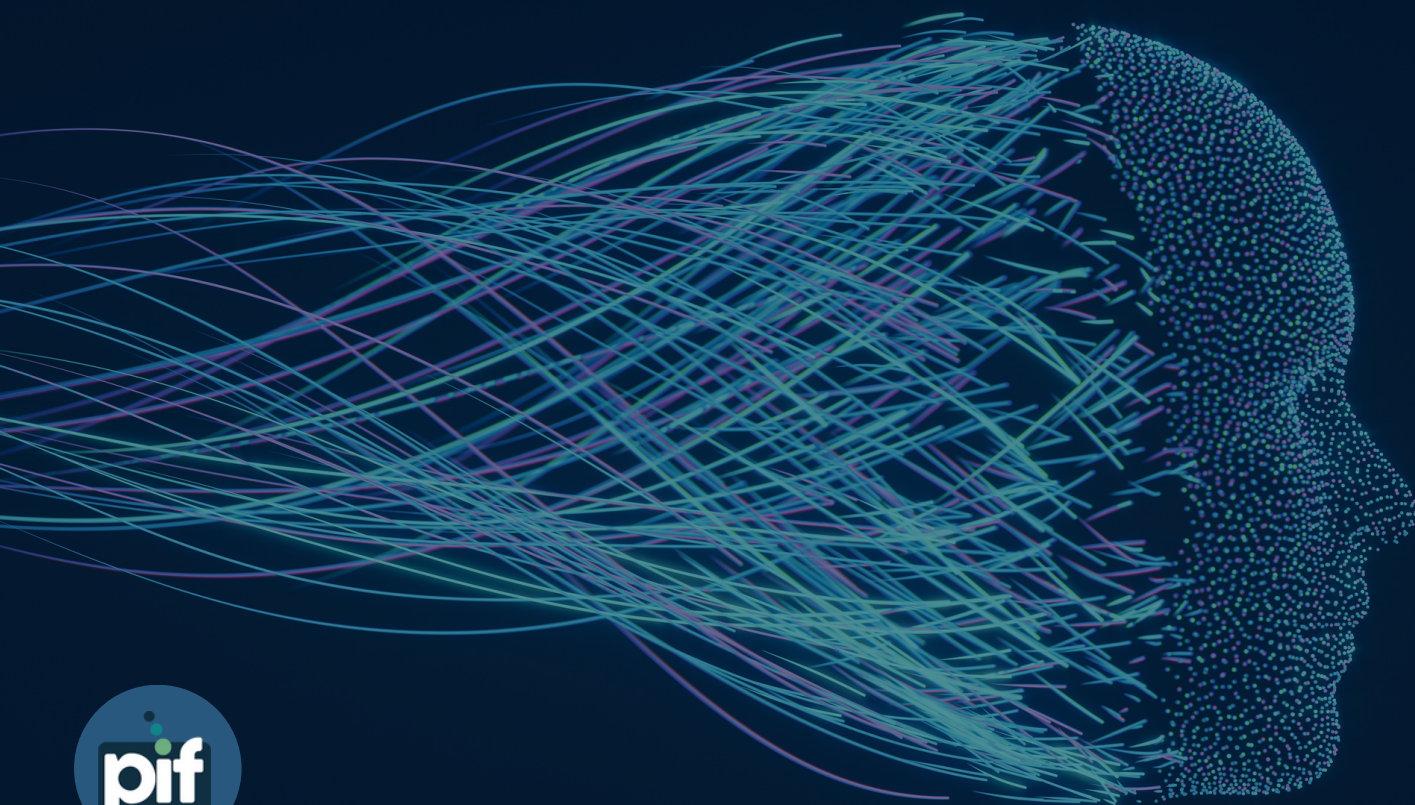
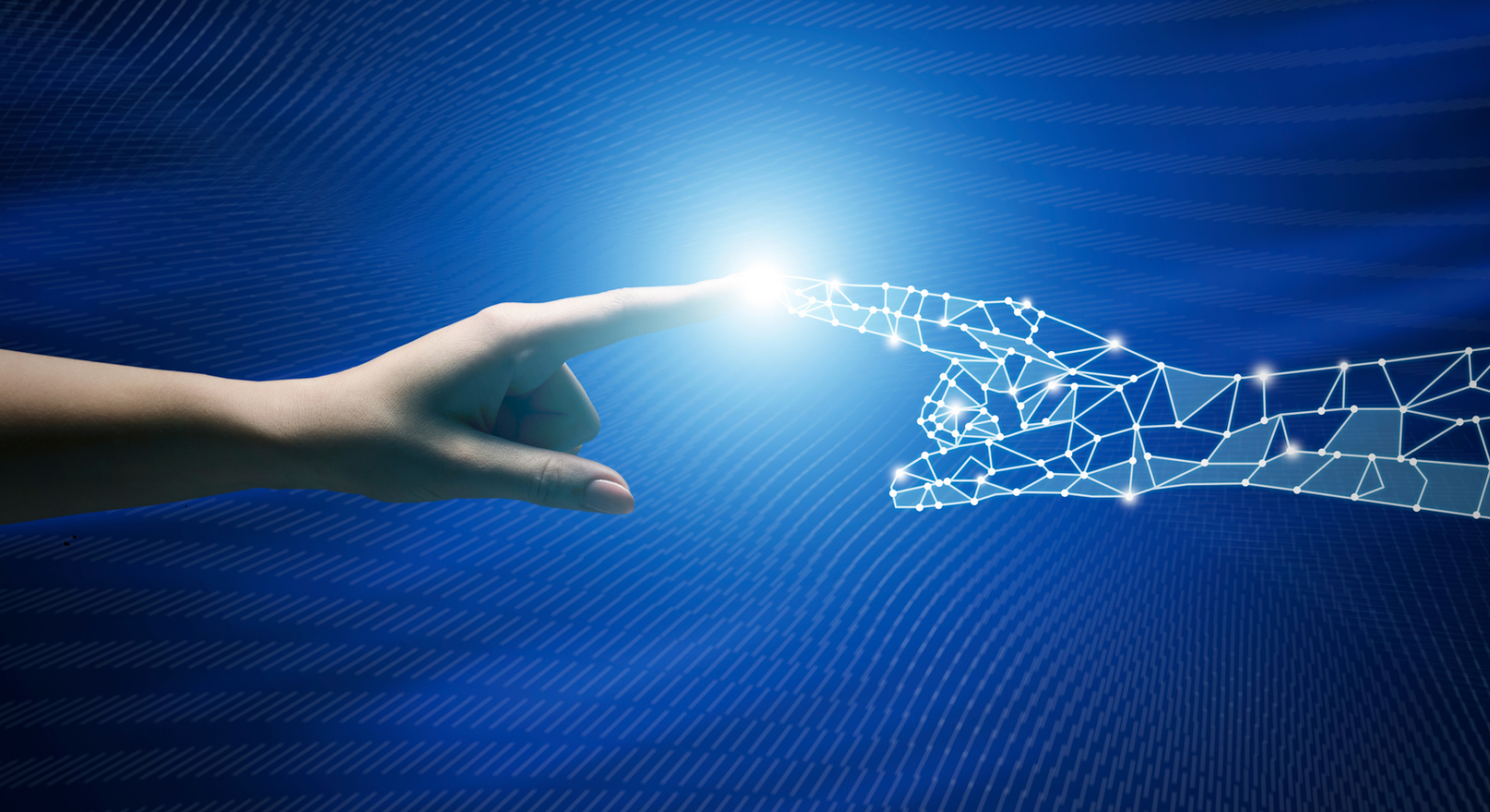


JUNE 2023

# Nurturing Trust in AI: Safeguarding progress and addressing risks in Fintech environments

A **PAYMENTS INNOVATION FORUM** WHITE PAPER  
IN ASSOCIATION WITH **ANNA MONEY**





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Transparency plays a pivotal role in establishing trust in AI systems. Users should have the right to know whether decisions are made by AI or humans

In the fast-paced world of Artificial Intelligence (AI), transformative breakthroughs are rapidly reshaping various industries and societal norms.

However, to foster an environment where progress can flourish while managing potential risks, it is essential to address the multifaceted challenges associated with AI. In this White Paper, we explore the risks posed by AI, the significance of fairness and transparency, the role of open-source models, and the need for coordinated efforts between regulators and industry players.



# Navigating the risks of AI

AI comes with its fair share of risks, including existential threats, privacy concerns, safety considerations, security vulnerabilities, disinformation propagation, and potential infringements upon human rights and fairness. Each risk requires a careful examination and tailored approach. While AI errors alone should not impede progress, particular attention must be paid when AI performance falls short of human-level or when biases emerge in AI systems, which could perpetuate injustice.

Bias represents a significant challenge within AI systems, often originating from biased datasets used for training AI models. However, unlike human biases, AI bias can be quantified and controlled to a certain extent. Tackling bias requires a collaborative effort from both the industry and regulators, recognizing the importance of fairness and implementing safeguards such as sandboxes, trials, and assurance tools. These measures can contribute to the development of safer and fairer AI systems that actively address biases and promote ethical decision-making.



# Pursuing interpretability and explainability

The quest for interpretability and explainability in AI systems remains crucial. Although achieving 100% interpretability may prove challenging, ongoing research in AI explainability is vital to enhance transparency and accountability. Striving for explainability aids in identifying and rectifying biases, ensuring fair outcomes, and empowering stakeholders to understand the decision-making processes of AI systems. Advancements in this area contribute to building trust and fostering responsible AI deployment.

## Transparency as the bedrock for trust

Transparency plays a pivotal role in establishing trust in AI systems. Users should have the right to know whether decisions are made by AI or humans, while interested parties, including users, third parties, and regulators, should have access to meta-information about the models responsible for each decision. Moreover, disclosing measures taken to ensure fairness and providing tools to estimate their effects further bolsters transparency. By offering such transparency, stakeholders can assess the reliability and fairness of AI systems, strengthening trust and promoting accountability.

The current landscape of AI solutions often relies on large-scale models controlled by a select few companies. However, embracing open-source models offers significant advantages. Open-sourcing models enhances access to the transformative power of AI, fosters healthy competition, and promotes a comprehensive understanding of technological capabilities. While regulating open-source models presents challenges, the overall benefits outweigh the drawbacks. Supporting the development of open-source models is essential for building a safer AI landscape while encouraging innovation and ensuring equitable access.

# Coordinated Efforts for Agile Regulation

The rapidly evolving nature of AI calls for a coordinated approach to regulation. Harmonizing the requirements of different regulators enables the creation of concise guidelines tailored to specific sectors. By fostering collaboration between industry players, regulators, and government initiatives, effective AI standards and assurance techniques can be established, promoting trust and accountability. Ongoing dialogue and knowledge-sharing among stakeholders enable agile regulation that adapts to the evolving AI landscape, ensuring regulations keep pace with technological advancements.

Building trust in AI is an ongoing endeavour that requires addressing risks, promoting fairness, transparency, and accountability. By navigating the risks associated with AI, actively combating bias, pursuing interpretability, and fostering transparency through open-source models, we can create a foundation of trust in AI systems. Coordinated efforts between regulators, industry players, and researchers are vital in establishing effective standards and regulations that keep pace with the rapidly evolving AI landscape. By embracing these principles, we can harness the transformative power of AI while safeguarding the interests and values of society as a whole.



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