

The Alan Turing Institute



The AI Revolution: Opportunities and Challenges for the Finance Sector*

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Key Highlights

Aim:

- Analyse AI's role, Implications, and Challenges in Finance.
- Offer Stakeholder Recommendations.

Objective:

- Understand AI's transformative potential in finance.
- Explore a range of AI applications.
- Recognise AI challenges and systemic risks.
- Examine AI regulation and existing gaps.



AI in Finance

- What is AI? Which “flavours” are used in finance and for what purpose?
- What are the challenges in realising the potential?
- What are the threats and concerns?
- How should we regulate AI in Finance?
- How can AI support the regulation of AI in Finance?



Recommendations

- **Academia:**
 - Lead in Responsible AI
 - Explainable AI (XAI)
 - Blockchain Integration
- **Industry:**
 - Emphasise Governance
 - Skills Development
 - 'Human-in-the-Loop' Decision-Making
- **Regulators:**
 - Proactively Address AI Risks
 - Foster Collaboration
 - Ensure International Regulation Coordination



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Thank you for your time!

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