

**Technobank  
Conference**

**March 2026**

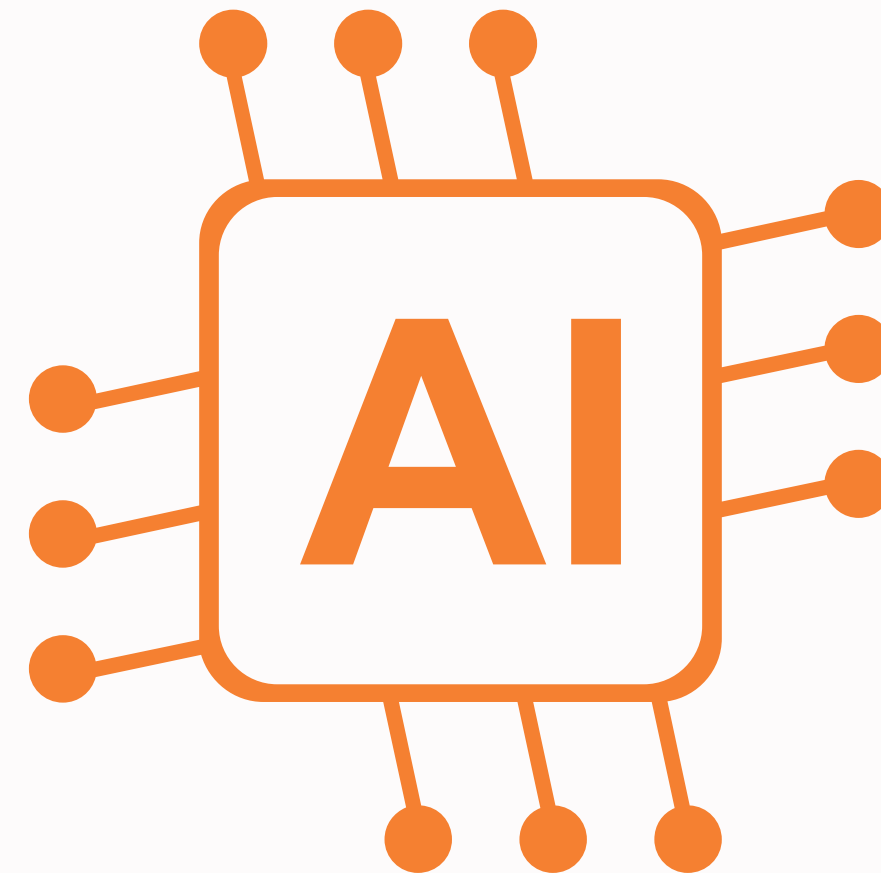
**AI Between Innovation and  
Trust: How ISO/IEC 42001  
Helps Organizations Manage  
AI Risks**

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Digital Business Consulting**






Commission for Standards and Related Documents KS I1/42, **Artificial Intelligence**



AI creates **value** fast. Trust **breaks** faster.

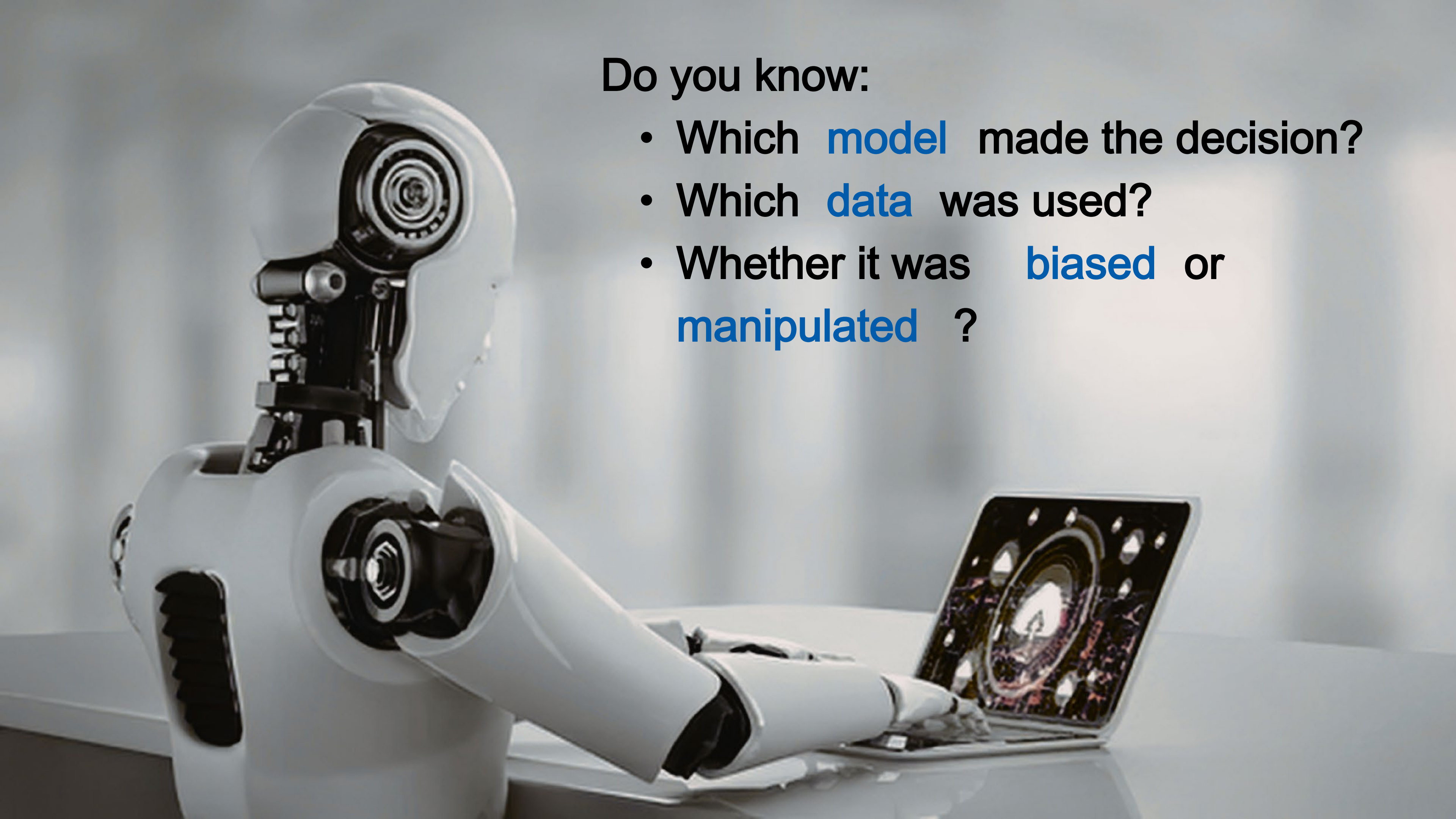


ISO/IEC 42001 is how you **scale** AI without losing **control** .

A white humanoid robot is seated at a desk, interacting with a laptop. The robot's head is tilted back, and its right hand is positioned over the laptop keyboard. The laptop screen displays a colorful, abstract pattern. The background is a soft, out-of-focus light blue and white, suggesting a clean, modern environment.

**AI is already making decisions for you**

- **Credit scoring**
- **Identity verification**
- **Fraud detection**
- **Customer interactions**

A white humanoid robot is seated at a desk, interacting with a laptop. The robot's head is tilted back, and its right hand is positioned over the laptop keyboard. The laptop screen displays a colorful, abstract pattern. The background is a soft, out-of-focus light gray.

Do you know:

- Which **model** made the decision?
- Which **data** was used?
- Whether it was **biased** or **manipulated** ?

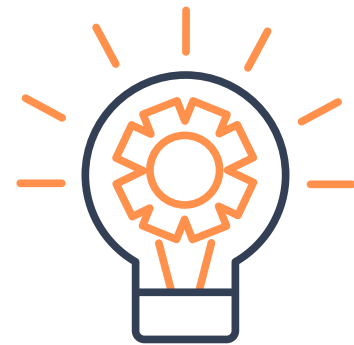
# Trust in Data



**Ethical Aspects**



**Risks**



**Synthetic Data  
Generation**

# ISO/IEC 42001 AI Management System

- Establishing **Ethical Guidelines**
- **Data Authenticity** and Quality
- **Transparency** and Accountability
- Security and **Data Protection**
- **Bias Mitigation**
- **Quality Assurance** and Validation
- Focus on **Risk**
- **Documentation**
- Continuous Monitoring and **Improvement**



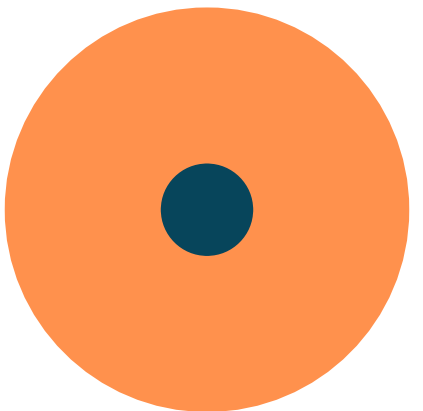
# Overview of Main Sections of ISO/IEC 42001



- **Context, Organization and Scope** (Section 4 - Organization and its Context)
- **Governance Framework** (Section 5.1 - Leadership and Governance)
- **Data Governance and Quality Assurance** (Section 6.1 - Data Governance, Section 6.2 - Data Integrity)
- **Ethical Guidelines** (Section 7.1 - AI Ethics and Transparency)
- **Risk Management** (Section 6.3 - Risk Management and Mitigation, Section 8.1 - Monitoring and Risk Management)
- **Continuous improvement and monitoring** (section 9 - Review, Performance monitoring, nonconformities, audits)

# Overview of Main Sections of ISO/IEC 42001



- **Appendix A — Reference Control Objectives and Controls**
    - Provides the full catalogue of ISO/IEC 42001 controls for managing AI-related risks and opportunities.
  - **Appendix B — Implementation Guidance for Controls**
    - Explains how to apply the controls from Annex A in practice.
  - **Appendix C — Potential AI-Related Objectives and Risk Sources**
  - **Appendix D — Use of the AI Management System Across Domains**
    - Describes how an AIMS can be integrated with other management systems (ISO 9001, ISO/IEC 27001...)
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# AI Governance Framework

## Implementing ISO/IEC 42001 in Agile Teams

ISO 42001 Officers → Agile Roles

ISO 42001 Checkpoints → Scrum Events

ISO 42001 Controls → Deliverables



# AI Governance Framework



Presentation is closed

Mentimeter

## Does AI governance fit into your Agile team(s) rhythm?

Sprint Planning: "Plan with Purpose"



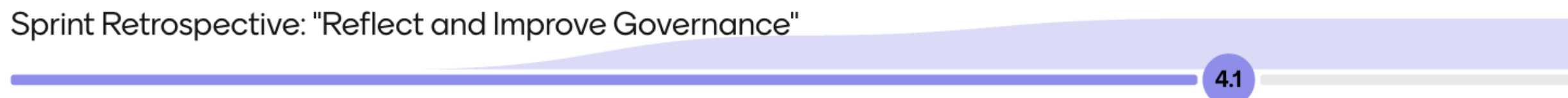
Daily Scrum: "Monitor and Adjust"



Sprint Review: "Show, Explain, and Justify"



Sprint Retrospective: "Reflect and Improve Governance"



Never considered

Fully integrated into routine



→ End presentation

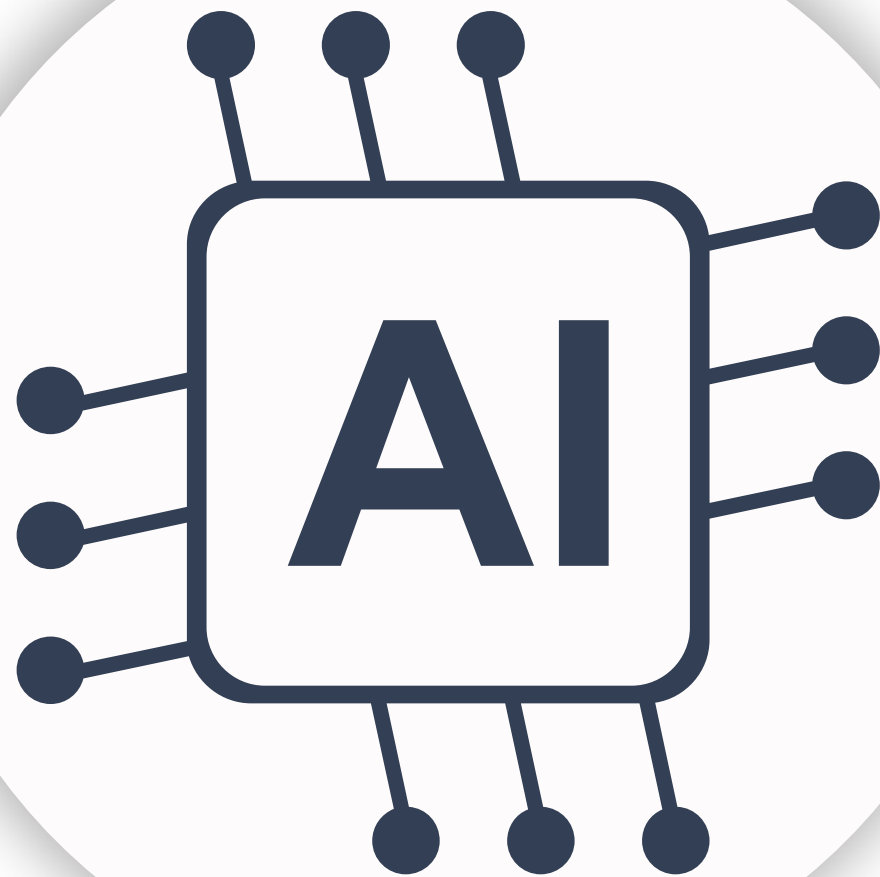


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# THANK YOU



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