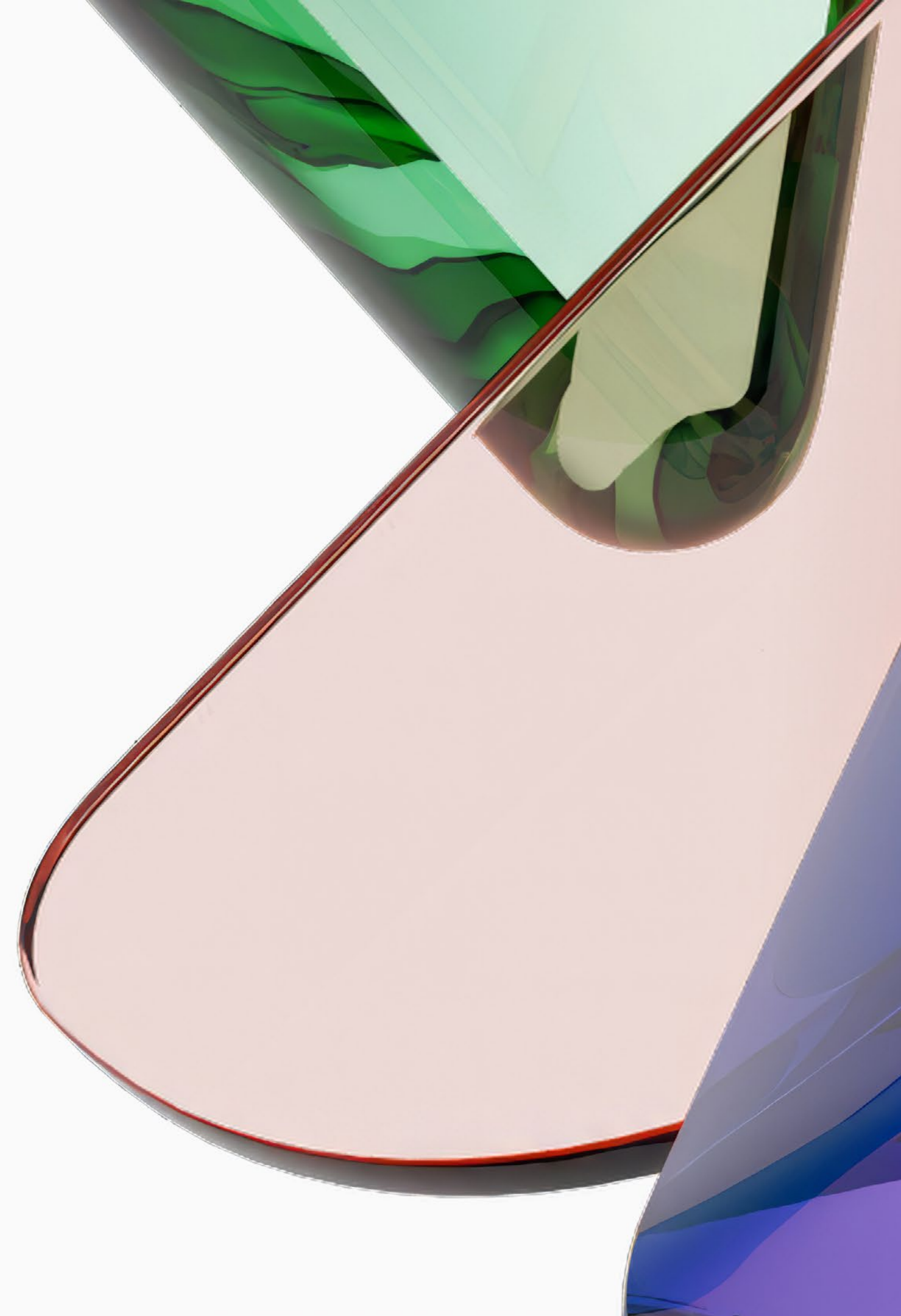




# Shaping trust in AI with BSI Training





**Artificial intelligence (AI) systems have the power to revolutionize your operations, enhance efficiency, and drive innovation.**

To fully harness the transformative potential of AI, it is important for your organization to implement the right processes to navigate and manage the complexities of AI regulation, risk, and quality management.

With our modular and comprehensive suite of AI training, you can confidently and securely unlock the potential of AI.

Our structured learning opportunities are centred around the world's first AI Management System (AIMS) framework ISO/IEC 42001:2023, and are designed to tackle challenges such as model opacity, bias, cybersecurity risks, and more.





## Minimize risks, unlock potential and build trust in AI

Designed to support you at every stage of your journey, we have developed a comprehensive and relevant set of courses and qualifications. These learning opportunities are for anyone in your organization with an interest or involvement in AI, whether from a technical or operations perspective.

Our training courses and qualifications help you build a robust foundation to effectively use, develop, communicate, or promote AI solutions.



# Achieve your organizational goals through AI courses and qualifications

## Responsible and ethical use of AI

Ensure that your AI initiatives are conducted ethically, enabling you to unlock innovation while adhering to best practices.

## Risk management for AI system

Establish a robust governance structure to mitigate AI risks, fostering trust and reliability.

## A secure digital future

Adopt and promote the use of sustainable and responsible AI to harness societal and environmental benefits.





# Build future success on a robust foundation with ISO/IEC 42001:2023 Artificial Intelligence Management System

By implementing ISO/IEC 42001:2023, your organization can manage AI risk and ensure that AI initiatives are conducted responsibly, ethically, and in alignment with organizational objectives and values.

# ISO/IEC 42001:2023 Management System courses

| Course                                                               | Format         | Duration       | Purpose                                                                                                                                     |
|----------------------------------------------------------------------|----------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <u>ISO/IEC 42001:2023 Awareness</u>                                  | OD             | 30 min         | Learn about the benefits and purpose of an AIMS. For all staff.                                                                             |
| <u>ISO/IEC 42001:2023 Requirements</u>                               | ILT/VILT       | 1 day<br>4 hrs | Learn about the requirements of the standard. For people looking to understand, implement, audit and/or maintain an AIMS.                   |
| <u>ISO/IEC 42001:2023 Implementer</u>                                | ILT/VILT       | 2 days         | Learn how to implement the requirements of the standard. For people involved in the implementation of an AIMS.                              |
| <u>ISO/IEC 42001:2023 Lead Implementer</u>                           | ILT/VILT       | 5 days         | Learn how to implement the requirements of the standard. For people involved in leading the implementation of an AIMS.                      |
| <u>ISO/IEC 42001:2023 Implementing Controls</u>                      | ILT/VILT       | 1 day          | Learn how to include any of the optional 38 risk controls in the implementation. For people implementing an AIMS.                           |
| <u>Understanding and Implementing an AI System Impact Assessment</u> | ILT/VILT       | 1 day          | Learn how to do an AI impact assessment. This is a requirement of ISO 42001:2023. For people implementing and/or auditing an AIMS.          |
| <u>ISO/IEC 42001:2023 Internal Auditor</u>                           | ILT/VILT       | 2 day          | Learn how to audit the requirements of the standard. For people with no/little Management System auditing experience.                       |
| <u>ISO/IEC 22989:2023 Understanding</u>                              | ILT/VILT<br>OD | 1 day<br>4 hrs | Learn about key AI concepts. Normative reference to ISO 42001:2023. Essential for people with no/little understanding of AI and AI systems. |
| <u>ISO/IEC 42001:2023 Lead Auditor</u>                               | ILT/VILT       | 5 days         | Learn how to do a full AIMS management system audit. For people leading an audit team or doing the whole AIMS audit themselves.             |



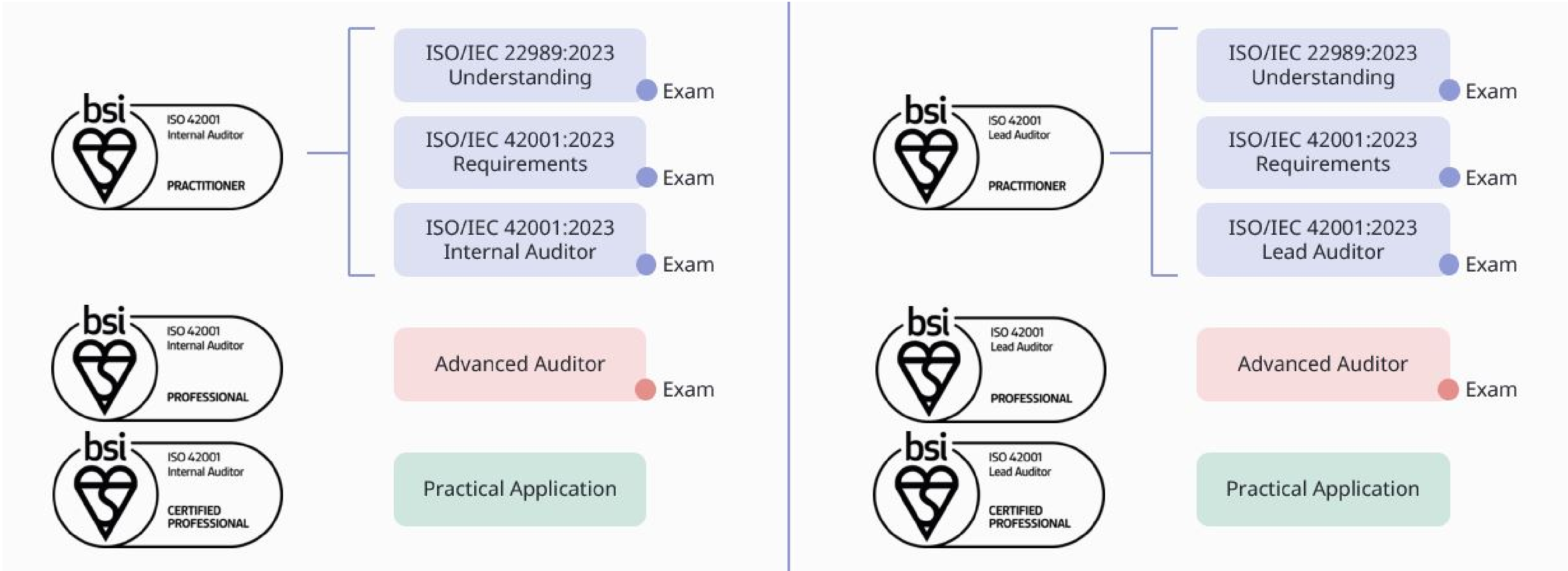
# Auditing qualifications

Internal and lead auditor qualification pathways utilize AI concepts and terminology (ISO/IEC 22989:2023) which can also be used as a robust starting point for anyone in your organization needing to learn more about AI.



# Internal Auditor:

# Lead Auditor:





# Technical AI Training courses

In addition to AIMS courses and qualifications, we provide a number of highly relevant, more technically focussed courses for organizations using or developing AI systems. These courses can be used individually to enhance skills and knowledge or combined into a comprehensive learning pathway.



# Technical AI Training courses

| Course                                                      | Format | Duration | Purpose                                                                   |
|-------------------------------------------------------------|--------|----------|---------------------------------------------------------------------------|
| <a href="#"><u>ISO/IEC TR 24028:2020 Introduction</u></a>   | OD     | 2.5 hrs  | Learn about approaches to establish trust in AI systems                   |
| <a href="#"><u>ISO/IEC TR 24029-1:2021 Awareness</u></a>    | OD     | 30 min   | Gain an awareness of the robustness of neural networks                    |
| <a href="#"><u>ISO/IEC TR 24029-1:2021 Introduction</u></a> | OD     | 2.5 hrs  | Learn about the methods to assess the robustness of neural networks       |
| <a href="#"><u>ISO/IEC TR 24027:2023 Awareness</u></a>      | OD     | 1 hr     | Gain an awareness of bias in AI Systems and AI aided decision making      |
| <a href="#"><u>ISO/IEC TR 24027:2023 Introduction</u></a>   | OD     | 2 hrs    | Learn about bias in AI Systems and AI aided decision making               |
| <a href="#"><u>ISO/IEC TS 4213:2022 Part 1</u></a>          | OD     | 1.5 hrs  | Learn about the assessment of machine learning classification performance |
| <a href="#"><u>ISO/IEC TS 4213:2022 Part 2</u></a>          | OD     | 1.5 hrs  | Learn about the assessment of machine learning classification performance |
| <a href="#"><u>ISO/IEC 23894:2023 Awareness</u></a>         | OD     | 30 min   | Gain an awareness of risk management specifically related to AI           |
| <a href="#"><u>ISO/IEC 23894:2023 Introduction</u></a>      | OD     | 1.5 hrs  | Learn about risk management specifically related to AI                    |



# Progress your learning journey with modular AI Training



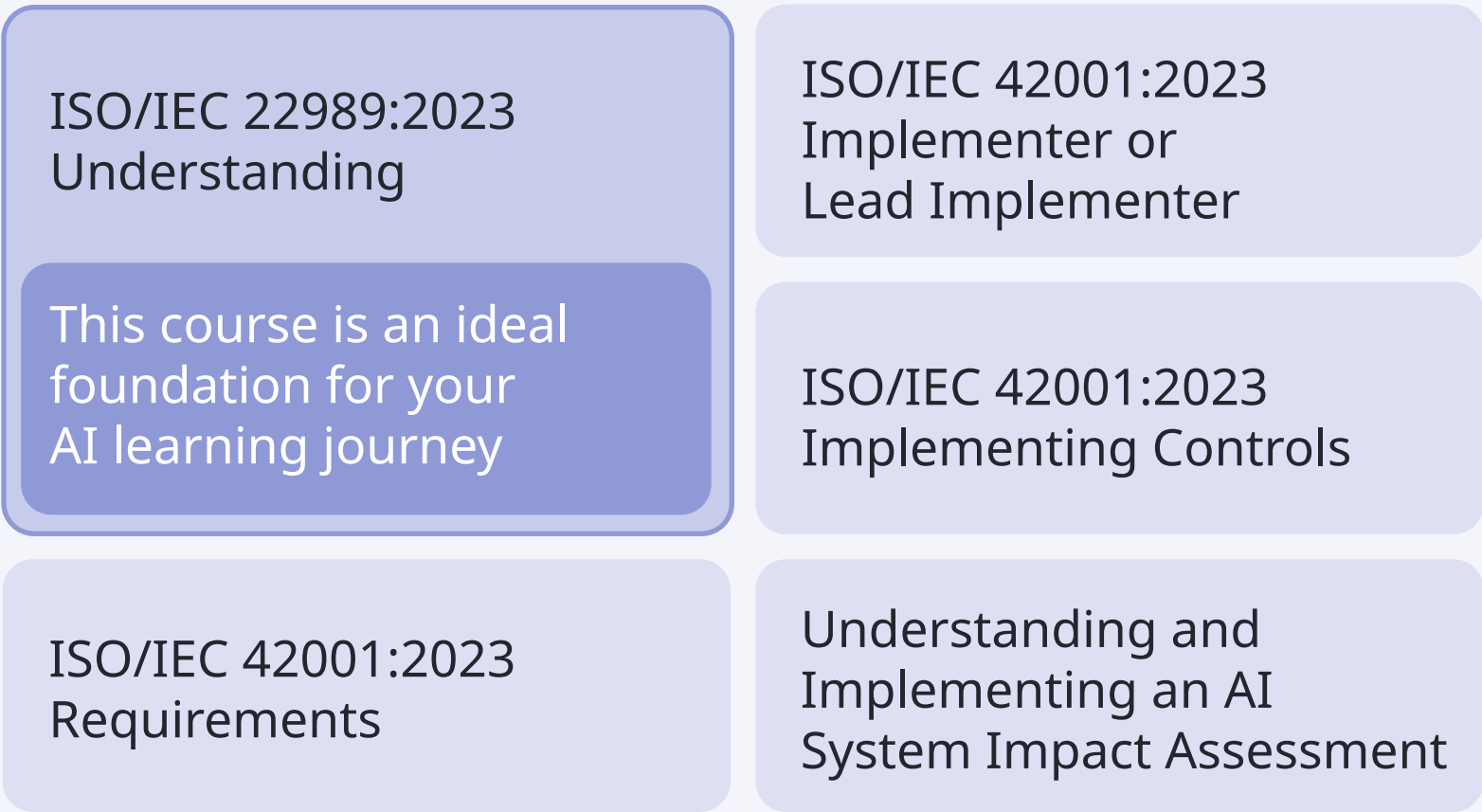


# Maximize AI’s potential, realize future benefits, and lead your organization forwards

Depending on you and your organization’s needs, you can create your own training pathway that includes management systems courses and technical courses. Speak to us about your requirements so we can support the creation of your own AI pathway.

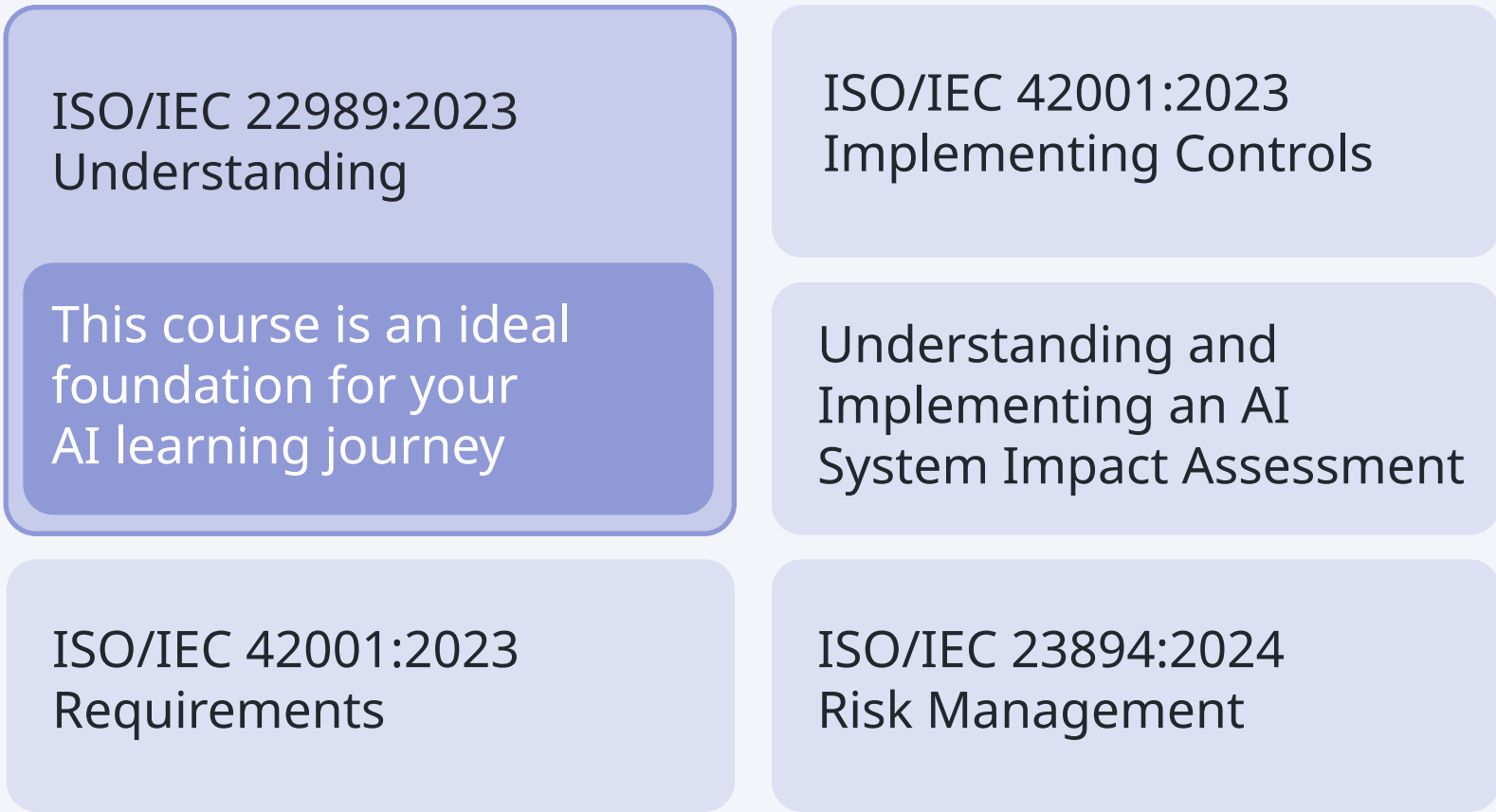
## Example pathway

### Implementing ISO/IEC 42001 and AI controls for implementers with existing management systems knowledge



## Example pathway

### Implementing ISO/IEC 42001 and AI controls for people who have existing 27001 knowledge or are new to management systems





## Example pathway

# Implementing ISO/IEC 42001:2023 and AI controls for existing or new management systems auditors

AI concepts and terminology  
ISO/IEC 22989:2022

ISO/IEC 42001:2023  
Requirements

Fundamentals of Auditing Training  
Course - ISO19011:2018

Lead Auditor  
(Modular)

Through our rigorous learning and assessment process, you will become equipped to respond to organizational challenges around AI and accelerate the growth of your team's knowledge and competency. This will help you address the emerging challenges and opportunities AI presents, enabling you to deliver your organization's immediate and long-term strategic goals.

We can help develop learning pathways designed to enhance the AI knowledge and skills of you and your teams.

Speak to a member of our team today to start your AI training journey.

**Get in touch today**