

# Responsible AI Implementation Lead in Healthcare

## 2026

**Welcome to our comprehensive course designed specifically for project leaders in healthcare. This course will equip you with the skills necessary to lead responsible AI implementation projects in healthcare.**

Join a select group of healthcare professionals to **master the complexities of AI implementation**.

- A 6-month journey with 5 in-person days
- Practice-oriented and tailored to individual needs
- A group of 6-10 participants
- Alumni event

Lead the responsible adoption of AI for futureproof care in your organization!

# Why this course?

**An increasing number of healthcare organizations are implementing AI solutions in clinical settings, with many others preparing to do so soon. With a set of new skills, you will become a pioneer in responsible AI adoption. This course combines deep expertise with hands-on experience in AI implementation and practical strategies to tackle project challenges. By joining a select group of 6–10 fellow AI project leaders, you'll build a strong peer network and form lasting professional connections that will support and enrich your journey toward becoming a Responsible AI Implementation Lead in healthcare.**

The European AI Act has made it essential for organizations to focus on **AI literacy**, as 'deployers' (in this case healthcare providers) must now ensure that all individuals involved with AI systems are properly informed and trained, supporting both responsible use and regulatory compliance.

### Peer Network Building

Share real-world experiences, insights, and practical solutions to common challenges in AI implementation.

### Stakeholder Engagement

Ensure safe and effective use of AI solutions in your organization and ensure they are embraced at every level.

### Regulatory Compliance

Design AI projects meeting all regulatory standards, including the EU AI Act, MDR and GDPR.

### Risk Mitigation

Gain critical skills in risk mitigation-addressing bias, privacy, and transparency-to prevent costly missteps.

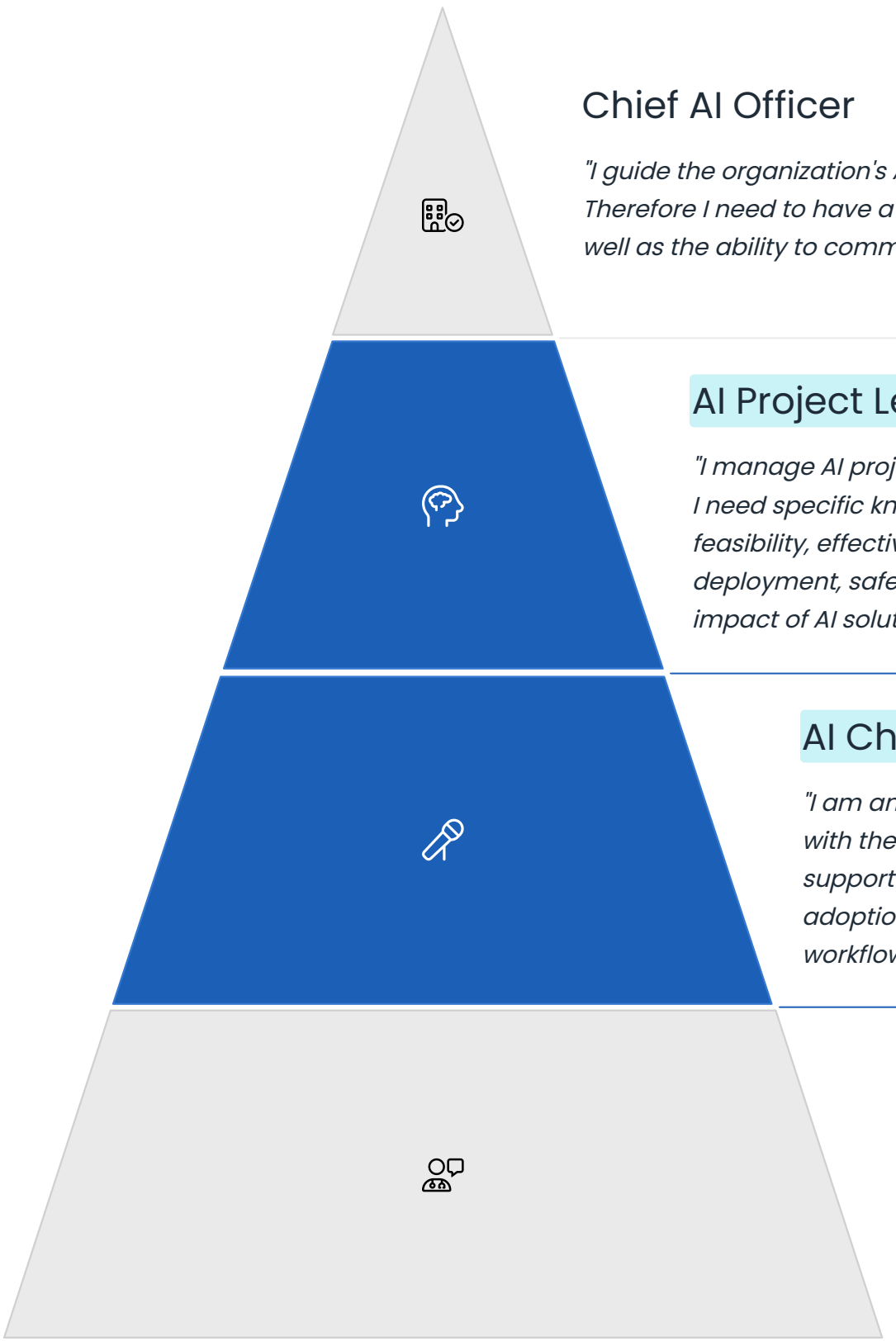
### Responsible adoption

Apply responsible AI implementation and adoption principles in healthcare. Gain more access to AI implementation tools and frameworks to accelerate project management.

# Who should attend this course?

**The Responsible AI Implementation Lead course is tailored for healthcare professionals who want to drive AI in real-world and operational settings, best suited for roles like AI Project Leaders and AI Champions within a healthcare organization. This course enables healthcare professionals to develop a solid foundation in the responsible implementation and adoption of AI solutions.**

The course is aimed at developing competencies across the technical, real-world application, and leadership dimensions of AI implementation. Upon completion of this program, participants will have developed a robust set of skills and knowledge essential for leading responsible AI implementation in healthcare settings.



## Chief AI Officer

*"I guide the organization's AI strategy and stakeholder management to leverage AI effectively. Therefore I need to have a deep understanding of AI technologies, trends, and compliance, as well as the ability to communicate complex AI concepts to non-technical audiences."*

## AI Project Leader

*"I manage AI projects from start to finish to ensure the responsible AI adoption. Therefore I need specific knowledge and skills required to lead AI projects, such as assess project feasibility, effective AI procurement, understanding of the risks and implications of AI deployment, safe implementation, and evaluate and communicate the value and impact of AI solutions to different stakeholders."*

## AI Champion

*"I am an enthusiastic advocate for AI and help other colleagues and key users with the adoption of AI solutions. Therefore I need to demystify AI, provide support and guidance to AI users, promote best practices for responsible AI adoption and ensure that AI is integrated seamlessly into everyday clinical workflows."*

## AI User

*"I use AI solutions to support my daily work in healthcare. My feedback and experiences are invaluable for improving AI solutions and to make sure that it contributes to the organization's goals. Therefore I need to understand the risks and benefits associated with AI, and adhere to best practices for responsible use."*

# Program Overview

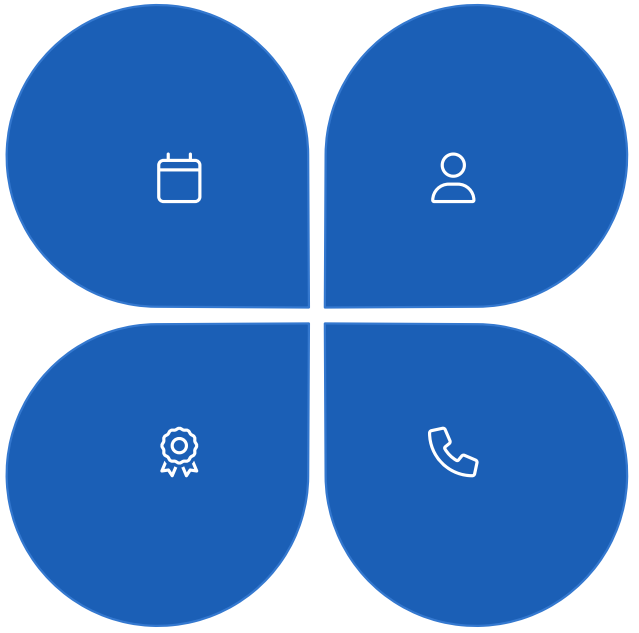
**This 5-day course is delivered over 6 months, with one in-person course day per month. The program is designed to provide a comprehensive learning experience through hands-on learning and expert-led sessions. The program allows participants to immediately apply new knowledge in their workplace between sessions, bringing real-world challenges back to the group for collaborative problem-solving.**

### Course Days

5 in-person days spread over 6 months focusing on core AI concepts and implementation strategies

### Certification

Receive the 'Responsible AI Implementation Lead in Healthcare' Certificate



### Peer Reflection Sessions

Group reflection sessions for peer support and collaborative problem-solving

### Coaching Calls

Personalized 1:1 coaching sessions to address individual project challenges

# Course Curriculum

**Our program integrates different complementary learning approaches to ensure comprehensive skill development and practical application. This includes lectures, workshops, and practical assignments combined with peer-learning and individual coaching. Experts in the AI healthcare field will join the sessions for you to learn from the best!**

### Day 1 | Your AI project and organization

Participants introduce their own AI project and delve into the underlying technology.

✅ **Learning goals**

- Communicate with different stakeholders in your AI project
- Align your AI project goals with your organization's strategic goals
- Gain understanding of different types of AI solutions

### Day 2 | Everything about AI procurement

The focus is on the purchasing process of AI systems: participants learn to critically assess offers from AI vendors and substantiate choices.

✅ **Learning goals**

- Gain understanding of the AI market and identify trends
- Critically assess AI vendor offerings
- Be able to identify requirements needed for the effective procurement or development of an AI solution

### Day 3 | Successful AI implementation

This day is about creating an implementation plan and managing risks when deploying AI.

✅ **Learning goals**

- Translate implementation and validation frameworks/guidelines for AI to the local setting
- Gain an understanding of the risks and implications of AI-implementation choices
- Design and optimize AI-integrated healthcare workflows

### Day 4 | Evaluation & impact of AI

Participants will learn how to evaluate the effectiveness and impact of an AI system after implementation. Responsible adoption will be addressed with discussions on ethical considerations.

✅ **Learning goals**

- Understand the impact and limitations of AI solutions in clinical practice
- Identify ethical, regulatory, and practical considerations for responsible AI adoption

### Day 5 | Responsible AI Implementation Lead

Earn certification as **Responsible AI Implementation Lead** by presenting your project! There is also room for topics that have not yet been discussed.

✅ **Learning goals**

- Able to present an AI implementation project clearly and convincingly to a professional audience
- Demonstrate leadership and show the skills to successfully and responsibly lead AI projects
- Able to analyze challenges and successes of an AI project and report insights clearly

### Alumni Event

*After finishing the course, we plan for an afternoon with networking and drinks to exchange your AI project's learnings.*

### Overarching | AI basics

An introduction to the operation and types of AI systems, including generative AI, with attention to key concepts such as bias, privacy and transparency.

✅ **Learning goals**

- Explain core principles of AI and how models are trained, validated and deployed in healthcare practice
- Understand the possibilities of Large Language Models (LLMs) in healthcare
- Recognize risks around data quality, bias, privacy and transparency

### Overarching | Legislation, regulations and ethical dilemmas of AI

This module provides insight into the regulations (such as MDR/IVDR, GDPR and the AI Act) and ethical issues surrounding (medical) AI systems.

✅ **Learning goals**

- Understand the difference between AI systems and medical AI systems
- Recognize high-risk AI systems under the AI Act
- Understand the obligations under the AI Act for users and providers of AI systems
- Learn to deal with ethical, privacy and liability issues in AI projects

# Who will you learn with?



## Sade Krijgsman

Course coordinator

**Example projects:**

Ambient scribes implementation, AI in the Dutch colon cancer screening program, various hospital AI implementation projects, expert in the assessment team at Digizo.nu

**Topics of expertise:**

Procurement, implementation, regulatory compliance, workflow integration, LLM applications



## Kicky van Leeuwen

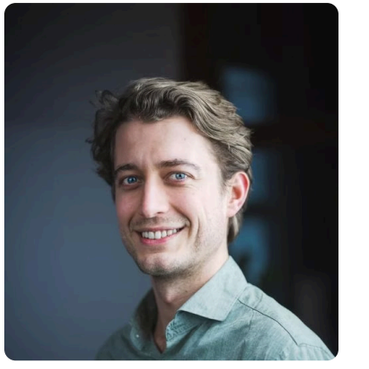
Course teacher

**Example projects:**

Clinical lead AIFI (national infrastructure for AI deployment in radiology), project leader for implementing AI in the Dutch breast cancer screening program, expert in the assessment team at Digizo.nu

**Topics of expertise:**

Development and market trends of commercial AI, procurement, legislation, validation, science



## Stephan Romeijn

Course teacher

**Example projects:**

Project leader for multiple AI implementation projects within radiology, guidance in purchasing (national) AI platform

**Topics of expertise:**

Use case selection, procurement, implementation, integration into work processes, AI platforms, validation

## Including guest experts in the AI healthcare field!

# Registration

## Ready to lead the responsible implementation of AI in your healthcare organization? Applications for the upcoming groups in 2026 are now being accepted!

The minimum number of participants is 6. The maximum number is 10 participants to ensure sufficient personal input.

1

### Submit an Application

Fill out the online application form with details about your current role, experience with AI projects, and specific learning goals. Applications will be reviewed on a first-come, first-served basis until all spots are filled.

2

### Invitation

Selected candidates will be invited for a short interview to discuss specific needs and ensure the program aligns with professional development goals and organizational objectives.

3

### Confirmation and Preparation

Upon admission, participants will receive preparatory course materials and an assignment to experience the value of the program from day one.

Registration form >

## Course fee

The costs are €4,900 ex. VAT* per participant including location, lunch, snacks and course material.

*If desired, the amount can be invoiced in two installments.

## More information?

For more information about registration or to discuss how this program can be tailored to the specific needs of your organization, please contact our course coordinator Sade Krijgsman.

Contact

# What are the benefits of this course for my healthcare organization?

### Compliance with legislation and regulations

The course ensures that AI projects comply with all relevant legal frameworks, such as the AI Act, MDR and GDPR. This minimizes legal risks and ensures that the organization has a well-trained AI project leader to ensure compliance.

### Risk management

A trained AI project leader can better assess which projects add value and how to use financial resources more effectively. Costly mistakes are prevented and projects run more efficiently.

### Responsible adoption

AI project leaders ensure responsible adoption of AI, supported by practical tools. This shortens the timeline of projects and increases the chance of success within the organization.

### Stakeholders involved

By training employees, the organization ensures safe and effective use of AI systems. This promotes broad acceptance of AI at all levels within the organization, making implementation smoother and reducing resistance.

### Build a network

This course encourages the sharing of practical experiences, insights and proven solutions to common challenges in AI implementation. The AI project leader strengthens the internal knowledge network and promotes collaboration with other healthcare organizations, so that innovation accelerates.