

AI CERTs[®]

AI+ AGILE PROJECT MANAGEMENT FUNDAMENTALS

Certification



Executive Summary

The AI+ Agile Project Management Fundamentals certification provides essential skills for managing AI-driven projects using agile methodologies. This course covers key concepts of Agile project management, including Scrum, Kanban, and Lean principles, while integrating AI tools for project optimization. Learners will gain hands-on experience in creating adaptive project plans, improving team collaboration, and ensuring project success through AI-enhanced workflows. Ideal for professionals looking to lead AI projects with a modern, flexible approach, this certification equips participants with the knowledge to drive innovation and efficiency in their project management practices.

Prerequisites

- **Basic Understanding of Project Management:** Familiarity with project lifecycle and management principles.
- **Introductory Knowledge of Agile:** Awareness of agile methodologies like Scrum and Kanban.
- **Familiarity with AI Concepts:** Basic knowledge of artificial intelligence and its applications.
- **Problem-Solving Skills:** Ability to address challenges in dynamic environments.
- **Team Collaboration Experience:** Comfort working in cross-functional, collaborative teams.

Exam Blueprint

Number
of Questions

50

Passing
Score

35/50 or 70%

Duration

90 Minutes

Format

**Online via AI
Proctoring platform**

Question Type

**Multiple Choice/Multiple
Response**

Exam Overview

Module	Weight
Fundamentals of AI in Agile Project Management	7%
Data Literacy for Agile Project Managers	15%
AI for Resource and Team Management	15%
Predictive Analytics in Agile Project Management	15%
AI in Project Monitoring and Reporting	12%
Ethics, Bias, and Regulation in AI for Project Management	12%
Evaluating and Implementing AI Tools in Agile Projects	12%
Future Trends and AI in Agile Project Management	12%
	100%

The logo for AI CERTS, featuring a stylized 'AI' icon followed by the text 'CERTS' with a registered trademark symbol.

AI CERTS®

AI⁺

Agile
Project Management
Fundamentals™

A stylized graphic of a human head in profile, facing left, composed of blue circuitry and data points, set against a dark blue background with glowing lines and circles.

Certification Modules

Module 1

Fundamentals of AI in Agile Project Management

1.1 Advanced AI Algorithms for Agile

1.2 Synergy Between AI and Agile

1.3 Case Study: AI-Enhanced Sprint Planning

Module 2

Data Literacy for Agile Project Managers

2.1 Big Data in Agile

2.2 Data-Driven Decision Models

2.3 Case Study

2.4 Hands-On Simulation Exercise: AI-Driven Sprint Prediction

Module 3

AI for Resource and Team Management

3.1 Predictive Resource Management

3.2 AI-Driven Agile Metrics

3.3 Hands-On Simulation Exercise

3.4 Use-case

3.5 Case Study

Module 4

Predictive Analytics in Agile Project Management

4.1 Deep Learning for Predictive Modelling

4.2 Forecasting Resource Shortages and Delays

4.3 Case Study

4.4 Hands-on Simulation Exercise - Management Resource Shortage Forecasting

Module 5

AI in Project Monitoring and Reporting

5.1 Real-Time Monitoring with AI

5.2 AI-Enhanced Reporting

5.3 Hands-On Simulation Exercise

5.4 Use-case

5.5 Case Study

Module 6

Ethics, Bias, and Regulation in AI for Project Management

6.1 Advanced Ethical Considerations

6.2 Regulatory Compliance in Agile AI

6.3 Case Study

6.4 Hands-on

Module 7

Evaluating and Implementing AI Tools in Agile Projects

7.1 AI Tool Evaluation Framework

7.2 Change Management Strategies for AI in Agile

7.3 Hands-on Simulation Exercise

7.4 Use Case

7.5 Case Study: AI-Automated Reporting and Risk Forecasting in Agile Consulting

Module 8

Future Trends and AI in Agile Project Management

8.1 The Future of Autonomous Project Management

8.2 AI in Remote and Distributed Agile Teams

8.3 Hypothetical Case Study Inspired by Industry Trends: Autonomous Project Management with AI

8.4 Hands-on Simulation Exercise

Certification Outcome

Upon completing the AI+ Agile Project Management Fundamentals certification, learners will be equipped to manage AI-driven projects using Agile methodologies. They will be proficient in applying Scrum and Kanban frameworks, leveraging AI tools for enhanced planning and risk management. Learners will develop the skills to adapt project plans in dynamic environments, prioritize tasks, and optimize team collaboration. They will also gain experience in aligning project goals with business value, ensuring faster delivery and continuous improvement. This certification prepares professionals to drive innovation and efficiency in agile, AI-powered project management settings, positioning them for success in evolving industries.



Market Insight

The demand for Agile Project Managers with AI expertise is growing rapidly. As businesses increasingly integrate AI technologies, organizations require professionals who can manage AI-driven projects efficiently. This certification provides the skills needed to meet the evolving market demands.



Value Proposition

This certification empowers professionals to combine Agile methodologies with AI tools to optimize project delivery. Learners gain practical knowledge to lead projects that adapt to changing needs, improve collaboration, and ensure faster, data-driven decision-making, enhancing their leadership potential in AI-driven environments.



Additional Features

The course offers hands-on experience with real-world AI project scenarios, tools, and Agile frameworks. Learners benefit from flexible learning modules, expert-led instruction, and interactive resources, providing a comprehensive foundation in both Agile and AI principles for effective project management.

AI Experts



Jason Kellington

AI Expert

As a consultant, trainer, and technical writer with more than 25 years of experience in IT, I specialize in the development and delivery of solutions focused on effective and efficient enterprise IT.



Justin Frébault

AI Expert

I'm a boutique data consultant specializing in data mesh and lakehouse solutions. I've dedicated my career to helping organizations transform their approach to data, moving beyond mere knowledge.



J Tom Kinser

AI Expert

I have over forty years of experience in software development, data engineering, management, and technical training. I am a Microsoft Certified Trainer and a software developer, holding multiple certifications.



Terumi Laskowsky

AI Expert

Country Manager for Global Consulting Services in Japan, Specialties: Information Security (Compliance, Policy, Application, Host, Network)



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