



AI+ Project Management Office Practitioner™

Certification



Executive Summary

The AI+ Project Management Office Practitioner certification equips PMO leaders and project professionals with the skills to integrate artificial intelligence into portfolio, program, and project governance. Participants learn how to leverage AI for strategic planning, predictive analytics, resource optimization, risk management, and performance reporting. The program emphasizes practical frameworks, data-driven decision-making, and responsible AI adoption aligned with organizational objectives. Through real-world use cases and hands-on applications, practitioners gain the capability to enhance PMO maturity, improve delivery outcomes, and drive innovation at scale. This certification empowers professionals to transform traditional PMOs into intelligent, agile, and future-ready strategic enablers of enterprise value.



Prerequisites

- **Project Lifecycle Knowledge:** Understanding initiation through closure phases.
- **PMO Operations Insight:** Familiarity with governance and reporting structures.
- **AI Fundamentals:** Basic awareness of machine learning concepts.
- **Analytical Thinking Skills:** Ability to interpret performance data.
- **Technology Proficiency:** Comfort using digital project management tools.

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
The AI-Powered Project Management Office: From Concept to Reality	5%
Predictive Planning & Intelligent Scheduling	9%
AI-Driven Resource & Capacity Management	9%
Proactive Risk Management & AI Insights	9%
The AI-Powered Project Control Tower	9%
AI for Stakeholder Management and Communication	9%
Implementation of AI PMO Roadmap	9%
Advanced AI Integration and Customization in PMOs	9%
AI-Enabled PMO Governance and Compliance	8%
AI for Crisis Management in PMOs	8%
Scaling AI in the PMO	8%
The Future of AI in PMO: Next-Generation Capabilities	8%
	100%

The logo for AI CERTs, featuring a stylized circuit icon to the left of the text "AI CERTs" with a registered trademark symbol.

AI CERTs®

AI⁺

Project Management
Office Practitioner™

Certification Modules

Module 1

The AI-Powered Project Management Office: From Concept to Reality

1.1 AI Fundamentals for the PMO

1.2 The Strategic Evolution of the PMO

1.3 Ethics, Bias, and Change Management

1.4 Use Case: Justifying An AI Tool Investment To Reduce Project Failure Rates

1.5 Case Study: GlobalTech's Awakening: Building a business case for AI PMO transformation

1.6 Hands On: Draft an AI-Powered PMO Charter using ChatGPT

Module 2

Predictive Planning & Intelligent Scheduling

2.1 Moving Beyond the Gantt Chart

2.2 Generative Project Design

2.3 Dynamic Schedule Optimization

2.4 Case Study: FinServ Launchpad's Delay Dilemma: Re-forecasting a troubled project with AI

2.5 Hands On: Run a Schedule Risk Simulation

Module 3

AI-Driven Resource & Capacity Management

3.1 From Spreadsheets to Intelligence

3.2 Predictive Capacity Forecasting

3.3 Optimizing for Cost and Well-being

3.4 Use Case: Optimizing resource allocation for multiple projects without causing burnout

3.5 Case Study: HealthPlus System Integration: Creating a unified resource plan after a merger

3.6 Hands-On: Creation of an optimized resource allocation plan

Module 4

Proactive Risk Management & AI Insights

4.1 Predictive Risk Identification

4.2 Automated Issue Escalation & Mitigation

4.3 Quantifying Risk Impact

4.4 Use Case: Proactively identifying risks from project communications.

4.5 Case Study: E-Commerce Platform Scale-Up: Averting a crisis with an AI early-warning system

4.6 Hands On: Configure a Risk Early-Warning System using a custom risk dashboard

Module 5

The AI-Powered Project Control Tower

5.1 Conversational Reporting & NLP

5.2 Automated Status Reporting & Synthesis

5.3 Predictive Portfolio Health Scoring

5.4 Case Study: National Energy Corp's Portfolio Review: Using conversational analytics to drive strategy

5.5 Hands On: Conduct a Conversational Portfolio Analysis

Module 6

AI for Stakeholder Management and Communication

6.1 AI-Powered Sentiment Analysis

6.2 Automated Stakeholder Engagement Reporting

6.3 Generative AI for Communication Drafting

6.4 Use Case: Proactively managing stakeholder sentiment and ensuring alignment on a high-visibility project

6.5 Case Study: Metro Rail Expansion Project: Using sentiment analysis to defuse community opposition and improve communication transparency

6.6 Hands-On: Perform a Stakeholder Sentiment Analysis and create a Stakeholder Sentiment Dashboard with an action plan

Module 7

Implementation of AI PMO Roadmap

7.1 Tool Selection & Vendor Evaluation

7.2 Building a Phased Implementation Plan

7.3 Measuring Success and ROI

7.4 Use Case: Developing a Phased Plan for a Strategic AI Tool Investment

7.5 Case Study: Quantum Leap Solutions: A 12-Month Transformation

7.6 Hands On: Develop Your 90-Day AI PMO Action Plan

Module 8

Advanced AI Integration and Customization in PMOs

8.1 Customizing AI Tools for PMO Needs

8.2 Creating AI-driven PMO Dashboards

8.3 Integrating AI with Legacy Systems

8.4 Use Case: Advanced AI integration for large-scale PMOs

8.5 Case Study: TechGlobal's AI Integration Challenges

8.6 Hands-On: Build Custom PMO Dashboards with AI Insights

Module 9

AI-Enabled PMO Governance and Compliance

9.1 AI in Governance and Compliance

9.2 Automating Compliance Reporting with AI

9.3 AI-Driven Auditing and Monitoring

9.4 Use Case: Managing PMO governance with AI

9.5 Case Study: Banking Sector AI Compliance Integration

9.6 Hands-On: Implement an AI-Driven Compliance System

Module 10

AI for Crisis Management in PMOs

10.1 AI and Crisis Prevention

10.2 Using AI for Rapid Problem Identification

10.3 AI-Driven Crisis Management Plans

10.4 Use Case: AI handling project crises in real-time

10.5 Case Study: How AI Averted a Supply Chain Crisis for a Global Retailer

10.6 Hands-On: Develop a Crisis Management AI Plan

Module 11

Scaling AI in the PMO

11.1 Scaling AI Solutions Across Multiple Projects

11.2 Managing AI for Large Portfolios

11.3 Building an AI PMO Culture

11.4 Use Case: Scaling AI tools in a multi-national PMO

11.5 Case Study: Global PMO AI Scaling in Practice

11.6 Hands-On: Creating and using a Comprehensive PMO Control Tower Application

Module 12

The Future of AI in PMO: Next-Generation Capabilities

12.1 Generative AI for Strategic Project Management

12.2 Autonomous PMO Operations

12.3 Emerging Technologies and Integration

12.4 Use Case: Fully Autonomous Portfolio Management Implementation

12.5 Case Study: FutureTech's 3-Year AI Transformation Journey

Certification Outcome

We have successfully completed the AI+ Project Management Office Practitioner course, equipping us with the knowledge and practical skills to integrate artificial intelligence into modern PMO environments. We can confidently evaluate AI use cases, align data strategies with governance frameworks, and apply automation to enhance reporting, forecasting, and portfolio optimization. We understand ethical considerations, risk controls, and change management principles required for responsible AI adoption. Through hands-on projects and real-world scenarios, we have strengthened our strategic thinking, decision-making, and stakeholder communication. We are prepared to lead AI-enabled PMO transformation initiatives and deliver measurable organizational value across diverse industries and sectors.



Market Insight

Organizations are rapidly integrating AI into enterprise operations, driving demand for PMO professionals who can align artificial intelligence with governance, portfolio strategy, and performance oversight. This certification addresses the growing need for AI-literate PMO leaders capable of enabling data-driven transformation.



Value Proposition

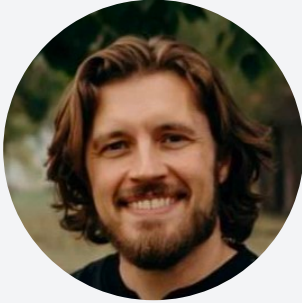
The AI+ Project Management Office Practitioner certification equips professionals with practical frameworks to embed AI into PMO functions, optimize reporting and forecasting, strengthen governance, and lead responsible adoption. It bridges strategic oversight with technical understanding to deliver measurable, enterprise-wide impact.



Additional Features

The program includes real-world case studies, applied tools, governance templates, and scenario-based learning to reinforce practical implementation. Learners gain exposure to AI-driven dashboards, automation strategies, risk controls, and change management approaches tailored specifically for modern PMO environments.

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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