



# PMI Certified Professional in Managing AI (PMI-CPMAI)

Course Duration: 4 Days  
Exam Reference: CPMAI

## Course Overview

CPMAI equips professionals with a vendor-neutral, structured methodology to successfully manage AI projects. This flexible, self-paced program delivers in-depth training on AI concepts, project management best practices, and emerging technologies like Generative AI and Agentic AI. Through real-world applications, case studies, and practical implementation techniques, CPMAI ensures you can confidently align AI initiatives with business goals. Whether you're new to AI or already implementing solutions, this certification provides the expertise needed to lead organizational initiatives with confidence.

## Prerequisites

CPMAI v7 does not require any prior work experience, technical knowledge or AI experience, certifications, or prerequisites to enroll in the course and take the exam. The course starts with AI fundamentals and builds knowledge tailored to managing AI initiatives from a project management perspective. While familiarity with project management or IT is helpful, it's not mandatory. Upon completion of the course on PMI, individuals will be able to schedule their exam with Pearson VUE.

Completion of the CPMAI v7 Training & Certification course is required before enrolling in CPMAI+E.

## Course Objectives

- Understand fundamental AI concepts and their evolution.
- Apply the CPMAI Methodology for managing AI projects.
- Utilize Machine Learning principles in AI solutions.
- Manage Data effectively for AI initiatives.
- Oversee the deployment and performance of AI systems.
- Establish principles and practices for Trustworthy AI.



## Contact Us



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## Connect With Us





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## Course Outline:

Module 1: Understanding of AI Fundamentals and Evolution

Module 2: Evaluating AI Applications and Patterns

Module 3: Applying Machine Learning Fundamentals

Module 4: Differentiating AI Project Management Approaches

Module 5: Executing the Business Understanding Phase

Module 6: Managing the Data Understanding Phase

Module 7: Coordinating the Data Preparation Activities

Module 8: Determining the Approaches for Model Development

Module 9: Conducting Model Evaluation and Maintenance

Module 10: Applying Classification and Clustering Algorithms

Module 11: Implementing Neural Networks and Deep Learning

Module 12: Leveraging Generative AI and Large Language Models (LLMs)

Module 13: Selecting Machine Learning Tools and Platforms

Module 14: Managing Data Fundamentals and Big Data Concepts

Module 15: Implementing Data Governance and Management

Module 16: Engineering Data Pipelines for AI

Module 17: Executing Data Preparation and Transformation

Module 18: Evaluating Model Performance and Accuracy

Module 19: Deploying Models for Production Environments

Module 20: Establishing Ethical, Responsible, and Trustworthy AI Foundations

Module 21: Implementing AI Privacy and Security

Module 22: Ensuring AI Transparency and Explainability

Module 23: Navigating AI Regulations and Frameworks