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Register

# PMI Certification Training - CPMAI™

5 days (35 hours)

## Overview

PMI Certified Professional in Managing AI (PMI-CPMAI)™ is a PMI™ certification designed for professionals who need to lead AI initiatives without necessarily developing the models themselves.

It provides a structured method for transforming a business need into an AI solution, framing experimentation, mastering governance, managing risks (bias, drift, compliance), and securing the value produced in production.

Our PMI-CPMAI™ training will enable you to understand the AI fundamentals useful for management, structure an AI project from start to finish (data/model/testing/deployment), integrate AI into strategy, and implement concrete performance and ROI indicators.

You will also learn how to organize collaboration between business units and AI teams, document trade-offs, and drive adoption within the company.

At the end of the training, you will be able to frame, govern, and industrialize an AI initiative responsibly, while effectively preparing for the PMI-CPMAI™ exam, whose format is based on the practical application of the CPMAI methodology.

## Objectives

- Understand the basics of AI useful for management.
- Structure a complete AI project.
- Implement responsible governance.
- Drive value: KPIs, ROI, benefits, and go/no-go decisions.

## Target audience

- Project managers/program managers leading AI initiatives
- PMO/digital transformation managers
- Product managers and business managers sponsoring AI use cases
- IT managers

# Prerequisites

- No prerequisites

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

## [Day 1 - Morning]

### Understanding AI to better manage it

- Understand the fundamental principles of Artificial Intelligence and Machine Learning.
- Identify the differences between AI, automation, and data analysis.
- Recognize the main use cases for AI in business.
- Understand the technical and organizational limitations of an AI model.
- Define the role of the manager in the governance of an AI project.
- Hands-on workshop: Identify relevant AI opportunities in a real-world business case.

## [Day 1 - Afternoon]

### Structure an AI project from start to finish

- Define a business problem suited to an AI solution.
- Break down the stages of an AI project, from data to deployment.
- Identify the necessary resources (data, skills, budget).
- Manage uncertainty related to the experimentation phases.
- Establish regular validation points.

### AI governance and ethics

- Identify the risks associated with algorithmic bias.
- Ensure compliance with the GDPR and AI regulations.
- Define responsibilities in the event of errors or negative impacts.
- Establish an internal ethical validation framework.
- Practical workshop: Analyze a real-life case of ethical drift in AI.

## [Day 2 - Morning]

## Integrate AI into corporate strategy

- Align AI projects with strategic objectives.
- Prioritize initiatives based on their impact and feasibility.
- Build a coherent AI roadmap.
- Assess the organization's AI maturity level.
- Define measurable success indicators.

## [Day 2 - Afternoon]

## Manage AI-related risks

- Identify technical risks related to data and models.
- Assess legal and reputational risks.
- Build an AI risk map.
- Define appropriate mitigation actions.
- Implement continuous risk monitoring.

## Monitor the value and ROI of AI.

- Define relevant KPIs for an AI project.
- Measure the value created for the business.
- Calculate a realistic ROI for an AI initiative.
- Decide whether to continue, adjust, or stop a project.
- Hands-on workshop: Develop a structured AI business case.

## [Day 3 - Morning] Data

## governance

- Identify the data needed for the AI project.
- Verify the quality and reliability of the data used.
- Implement appropriate data governance.
- Ensure the security and confidentiality of sensitive data.
- Organize responsibilities around data.

## [Day 3 - Afternoon]

## Collaboration between business lines and AI teams

- Understand the role of data scientists and AI experts.
- Translate a business need into a clear technical objective.
- Organize collaboration between technical and business teams.

- Monitor the progress of an AI project without in-depth technical expertise.
- Establish effective management rituals.

## Industrialization and deployment

- Plan the transition from prototype to production.
- Set up model performance monitoring.
- Detect deviations or drops in performance.
- Organize model updates.
- Hands-on workshop: Build an operational deployment plan.

## [Day 4 - Morning]

## Continuous improvement of AI solutions

- Analyze the results obtained after deployment.
- Identify areas for improvement in the model.
- Adapt objectives based on actual results.
- Integrate user feedback into the evolution of the system.
- Continuously adjust the AI strategy.

## [Day 4 - Afternoon]

## Responsibility and compliance of the AI manager

- Apply PMI™ ethical principles.
- Document AI-related decisions and trade-offs.
- Manage a crisis situation related to an AI solution.
- Implement appropriate internal controls.
- Ensure transparency of decisions with stakeholders.

## Lead the AI organizational transformation.

- Support teams in adopting AI.
- Clearly communicate the expected benefits.
- Anticipate and manage internal resistance.
- Develop a data-driven and innovation-oriented culture.
- Hands-on workshop: Develop a structured AI transformation plan.

## [Day 5 - Morning]

## Complete case study: managing a strategic AI program

- Define a clear strategic objective.
- Build a realistic roadmap.
- Identify major risks and constraints.
- Prepare a presentation for an executive committee.
- Simulate a budgetary trade-off.

[Day 5 - Afternoon]

### Structured review of PMI-CPMAI™ domains

- Identify key topics assessed in the exam.
- Understand the logic behind situational questions.
- Recognize the most common pitfalls.
- Structure your revision effectively.
- Optimize time management during the exam.

### PMI-CPMAI™ exam preparation

- Understanding the official exam format.
- Finalize registration and plan your session.
- Apply a structured response method.
- Manage stress on exam day.
- Practical workshop: Mock exam + correction.

## Companies concerned

This training is aimed at both individuals and companies, large or small, wishing to train their teams in new advanced IT technology or to acquire specific professional knowledge or modern methods.

## Placement at the start of training

The placement test at the start of the training course complies with Qualiopi quality criteria. Upon final registration, learners receive a self-assessment questionnaire that allows us to assess their estimated level of proficiency in different types of technologies, as well as their expectations and personal objectives for the upcoming training course, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could be problematic for the monitoring and smooth running of the training session.

## Teaching methods

Practical training: 60% practical, 40% theory. Training materials distributed in digital format to all participants.

## Organization

The course alternates between theoretical input from the trainer, supported by examples and

discussion sessions and group work.

## Assessment

At the end of the session, a multiple-choice questionnaire is used to verify that the skills have been correctly acquired.

## Certification

A certificate will be issued to each trainee who has completed the entire training course.