BOOST
THE LEADING TRAINING PROVIDER

Digital Transformation and Innovation

Cognitive Project Management in AI (CPMAI)™ v7 Certification Bootcamp

Course Introduction

This immersive bootcamp equips project managers, technologists, and business leaders with the knowledge and skills to confidently lead AI, ML, and cognitive projects using PMI's vendor-neutral **CPMAI™ methodology**. Over five intensive days, participants will traverse AI fundamentals, data lifecycle management, and deployment strategies while mastering best practices for building trustworthy, data-driven AI solutions. Designed around the CPMAI v7 Examination Content Outline, the course blends theory, real-world case studies, and hands-on activities to ensure preparedness for both AI leadership roles and certification success

Target Audience

- Project, Program, and Product Managers involved in AI/ML initiatives
- Data Scientists, Analysts, and AI Practitioners
- Tech Leads, IT Managers, and Digital Transformation Leads
- Consultants guiding AI implementation and change programs
- IT Risk, Governance, and Compliance Professionals transitioning into AI

Learning Objectives

- Demonstrate AI fundamentals, key patterns, and ML models

- Apply CPMAI methodology with best practices for iterative AI development

- Understand data processes, governance, and pipeline engineering

- Proactively manage AI project-specific risks and stakeholder engagement

- Incorporate principles of Trustworthy & Responsible AI

- Prepare strategically to pass the PMI CPMAI™ v7 certification exam

Course Outline

- **DAY 01**

  AI Foundations and Project Context

  - Introduction to AI, cognitive technologies, and machine learning
  - Understanding the differences between AI, ML, DL, and automation
  - Business drivers and AI adoption challenges
  - The Seven Patterns of AI: use cases and business alignment
  - Overview of the CPMAI™ v7 framework and its value in structured AI delivery

- **Day 02**

  Phases I–III of CPMAI™ – Project Initiation and Data Understanding

  - CPMAI Phase I: Business understanding and problem definition
  - Stakeholder mapping, project chartering, and Go/No-Go decision points
  - CPMAI Phase II: Data understanding and data collection
  - CPMAI Phase III: Data preparation, cleansing, and compliance
  - Data governance principles, privacy regulations, and security readiness

- **Day 03**

Phases IV–V – Modeling and Evaluation

- • CPMAI Phase IV: Building and training machine learning models
- • Overview of supervised vs. unsupervised learning
- • Tools and platforms for AI model development (low-code/no-code options)
- • CPMAI Phase V: Model evaluation, testing, and iteration cycles
- • Addressing bias, explainability, and performance metrics

• **Day 04**

Phase VI – Deployment and Operationalization

- • CPMAI Phase VI: Deployment planning and lifecycle management
- • Monitoring AI model performance in production (drift, accuracy, feedback loops)
- • AI operations (AIOps), MLOps, and infrastructure readiness
- • Integrating AI into business workflows and enterprise systems
- • Addressing change management and user adoption challenges

• **Day 05**

Phase VI – Deployment and Operationalization

- • CPMAI Phase VI: Deployment planning and lifecycle management
- • Monitoring AI model performance in production (drift, accuracy, feedback loops)
- • AI operations (AIOps), MLOps, and infrastructure readiness
- • Integrating AI into business workflows and enterprise systems
- • Addressing change management and user adoption challenges

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Nov. 10, 2025	Nov. 14, 2025	5 days	4250.00 $	UAE - Dubai
June 16, 2025	June 20, 2025	5 days	4950.00 $	England - London
July 14, 2025	July 18, 2025	5 days	4250.00 $	UAE - Abu Dhabi