

AI FOR PROJECT MANAGEMENT



DURATION

In Person 2 days

LiveOnline 3 sessions of 4.5 hours

CERTIFICATION

An AI for Project Management digital badge will be available upon successful completion of the course from Skills Development Group.



PDUs

This course will contribute 14 PMI® Professional Development Units (PDUs) towards your chosen certification (2 Business Acumen and 12 Ways of Working).



ARE YOU LOOKING TO EXPAND YOUR SKILLS IN USING ARTIFICIAL INTELLIGENCE (AI) TO TRANSFORM YOUR PROJECT MANAGEMENT AND BECOME A LEADER IN LEVERAGING EMERGING TECHNOLOGIES?

The future of project management lies at the intersection of human creativity and technological leverage. Our AI for Project Management course is an immersive and interactive journey to prepare experienced project management professionals for the AI-empowered future. Through real-world exercises with leading AI agents and tools, gain first-hand experience of applications in project lifecycle stages, risk and stakeholder management, and reporting, as well as addressing the ethical considerations and data privacy concerns in AI-assisted projects. Whilst balancing AI's power to create content with human judgment, you will discover how to use generative AI to augment enterprise project management.

LEARNING OUTCOMES

During this course, you will learn about:

- How generative AI impacts project management.
- How to Identify AI automation opportunities and Integrate AI tools effectively with existing project management software.
- Enhancing communication, reporting, risk and stakeholder management using AI capabilities.
- Managing ethical and data privacy aspects in AI-assisted projects.
- Applying AI in various stages of the project lifecycle and achieving improved decision-making and efficiency.
- Developing a strategy for AI implementation in project environments.
- Implementing practical AI solutions and strategies in your workplace.

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INTENDED FOR

- Project Managers, Project Directors, and Program / Portfolio Managers wanting to utilize AI to automate and assist with project management tasks
- Product Managers, Agile Coaches, or development team members wanting to accelerate project management activities whilst balancing responsible and ethical oversight
- Anyone looking to be skilled in AI augmentation and innovation

PREREQUISITES

To get the most out of this course, it is recommended that participants have foundational knowledge of project management through formal training like our Project Management Fundamentals or Project Management Professional (PMP) courses or have relevant experience working in a project management context.

CONTENT

Topics and exercises covered in the course include:

The Impact of AI in Project Management

- AI Capabilities & Limitations

Large Language Models

- Identifying Automation Use Cases

Dialectic Rules & Prompting

- Basic Prompting
- Prompting with COSTAR
- Generating Content During Project Initiation
- More Sophisticated Prompting Techniques

Exploring AI Tools in Project Management

- Sentiment Analysis

Implementing a Private Large Language Model

Applying Assistive Generative AI in Daily Project Management Work

- Working with Files, Content Generation and Communication Assistance
- Risk Identification, Mitigation, Tasks to User Stories and Work Breakdown Structures
- Interfacing with Code
- Text Summarization for Efficient Reporting

Ethical, Legal & Practical Considerations

- IP & Copyright
- Analyze Exported Project Data from Tools
- Using an AI Agent to Assist with Monte Carlo Analysis

Developing an AI-Enabled Project Management Approach

- AI Implementation Roadmap Canvas

Lecturing is kept to the minimum necessary, and most of the learning is achieved by applying the practices and techniques in group exercises. Our LiveOnline delivery features an instructor who is 100% live, and interaction and learning objectives are the same as our in-person classes, with the added benefit of taking this course from your home or office. Since this class is delivered over half-days, it allows for greater flexibility and time for other work or activities.