Artificial Intelligence (AI) in Project Management («AIPM»)

Discover the power of Artificial Intelligence in Project Management. In this course, you'll learn how to use AI technology to make data-driven decisions, minimize risk, and communicate effectively on the project.

Duration: 1 day
Price: 1'000.–
Course documents: Digicomp courseware (digital)

Content

1. Introduction: Artificial Intelligence in Project Management:
   - Definition and basics of AI
   - Applications and benefits of AI in Project Management
2. AI tools and technologies for Project Management:
   - Overview of various AI tools and technologies that can be used in Project Management
   - Introduction to AI-powered project management software solutions
3. AI applications in Project Management:
   - Using AI for project planning and control
   - AI-based risk analysis and management
   - AI-based resource optimization and allocation
   - AI for project cost and schedule forecasting
4. Implementing AI in Project Management:
   - Steps for implementing AI in Project Management
   - Selecting and integrating AI tools and technologies
   - Change management and project staff training
5. Challenges and ethical aspects of AI in Project Management
   - Data privacy and security when using AI
   - Ethical considerations and responsibilities when using AI in Project Management
   - Managing potential risks and limitations of AI in Project Management
6. Outlook for the future of AI in Project Management
   - Trends and developments in AI in Project Management
   - Potential and opportunities for future applications of AI in Project Management

Key Learnings

- Understanding AI: Knowledge of the fundamentals of AI, its history, and how it can be applied to various aspects of Project Management
- Data Analytics: Understand how AI can be used to collect and analyze project data to make informed decisions
- Risk Management: Understand how AI tools can be used to identify and minimize project risks
- Project Planning: Understand how AI can be used to improve project planning and management to achieve more efficient results
- Effective communication: Learn how AI can be used in project communication to streamline processes and improve collaboration

Methodology & didactics

Action-oriented and interactive training

Target audience

This course is aimed at:

- Project managers and team leaders: People directly involved in planning and executing projects benefit from this course by learning how to use AI tools to improve their work.
- Data analysts and IT professionals: For this group, the course can be helpful in understanding how their skills are applied in the context of project management. In addition, they will learn how to use AI tools more effectively.
- Executives and decision makers: Individuals in leadership positions develop an understanding of how AI can transform project management and the strategic decisions they can make to implement these technologies in their organizations.
- Career changers and those interested in further education: Individuals looking to pursue a career in project management or expand their existing knowledge and skills will gain valuable insights.

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-service-project-management/ipma/course-artificial-intelligence-ai-in-project-management