

AI+ Project Manager™

Duration: 8 hrs

Course Overview

The AI+ Project Manager™ certification programme is designed for Project Managers and IT professionals who are willing to have an expertise in understanding, applying, and integrating the concepts of artificial intelligence with real time development problems with the support of Intelligent Systems. An overview, along with usage as well as incorporation of various systems with artificial intelligence and its applications are demonstrated from basic level to advanced level, and a thorough investigation of AI ideas and model implementations are included in the vast curriculum. You will acquire useful knowledge about AI applications, algorithms and architectures which will culminate in an interactive project management process. You will be well-positioned for success in the ever-changing AI+ integration landscape upon program completion, having gained the ability to design and implement AI applications in various multi-disciplined environments related to Project Management.

Course Prerequisites

- A foundational understanding of key concepts of basic mathematics and artificial intelligence.
- Basic understanding of Computer Science concepts like programming, data structures and algorithms.
- Fundamental knowledge of keywords of AI/ML
- Willingness to engage in hands-on activities and workshops to apply AI concepts in project management scenarios.

Course Agenda

Module 1: Introduction to Artificial Intelligence (AI) in Project Management

- AI Fundamentals
- AI in Project Management
- Key AI Technologies

- Benefits and Challenges
- Future Perspectives

Module 2: AI Tools for Project Management

- Overview of AI Tools
- Artificial Intelligence Tools in Action: Enhancing Project Management Efficiency
- Selecting AI Tools
- Implementing AI Tools
- Case Studies

Module 3: Data-Driven Decision Making

- Importance of Data in Artificial Intelligence
- Data Analysis Techniques
- Applying Data Insights to Project Decisions
- Tools for Data Visualization and Reporting
- Challenges and Best Practices

Module 4: AI for Enhancing Team Collaboration and Productivity

- AI-Enhanced Collaboration Tools
- Boosting Productivity with AI
- Managing Project Knowledge with AI
- Overcoming Collaboration Challenges

Module 5: Ethical Considerations and Bias in AI

- Understanding AI Ethics
- Identifying and Mitigating Bias
- Developing AI Governance
- Case Studies

Module 6: Implementing AI in Projects

- Strategies for AI Integration
- Choosing the Right AI Tools
- Project Data Preparation for AI
- AI Implementation Plan
- Monitoring AI Integration

- Evaluating AI Outcomes
- Risk Management in AI Projects
- Workshop: AI Tool Deployment

Module 7: Future of AI in Project Management

- Emerging Trends in AI and Project Management
- AI and the Evolving Role of the Project Manager
- Sustainability and AI in Projects
- Adapting to Future AI Development
- Predictive Analysis and Future Planning