AI-Powered Project Management Training

Duration: **2 Day**

BILGINÇ IT Academy
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Overview

The purpose of this program is to help participants integrate**AI-driven approaches** into project management processes to achieve **faster analysis, smarter decisions, and more efficient resource management**.

Participants will learn how to leverage AI tools for**planning, tracking, forecasting, and risk management**, experiencing real-world scenarios and platforms.

By the end of the course, attendees will enhance their**data literacy, automation, and digital leadership** skills to create a measurable impact on project success.

Who Should Attend

- Project Managers
- Program / Portfolio Managers
- Business Analysts
- PMO Specialists
- Operations Managers
- Agile / Scrum Practitioners
- Digital Transformation Leaders
- Executives aiming to integrate AI into projects

What You Will Learn

By the end of this course, participants will:

- Integrate AI into project management workflows
- Use predictive analytics for planning and risk management
- Optimize processes with data-driven decision making
- Apply NLP to automate documentation and reporting
- Lead digital transformation projects with AI-driven insights

Outline

Introduction to AI in Project Management

- The role of AI in modern project management

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- Data-driven decision making
- AI-enabled project lifecycle and methodologies
- Project maturity and AI capability model

AI-Enhanced Planning & Forecasting

- Schedule prediction techniques
- Task prioritization algorithms
- Resource optimization using AI
- Predicting project delays before they occur

Intelligent Risk Management

- Automated risk identification & recommendation engines
- AI models for risk scoring
- Predictive analytics and scenario modeling
- AI-based decision support systems

NLP for Project Communication

- Automatic meeting summaries and reports
- Project documentation generation with AI
- Task extraction and action planning
- Using LLMs (like ChatGPT) for quick analysis

Process Mining & Optimization

- Bottleneck detection and process mining techniques
- Workflow optimization and automation
- Measuring process performance with AI

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No-Code / Low-Code AI Integration

- Building AI-powered prototypes without coding
- Integration with project tools (MS Project, Asana, Jira, Monday.com)
- Reporting automation with AI plugins

Performance Metrics & Decision Support

- KPI interpretation using AI analytics
- Decision recommendation systems
- Model accuracy and performance evaluation

Ethics, Data Privacy & Human Factor

- Ethical principles in AI use
- Data protection and GDPR compliance
- Balancing automation and human judgment