

HARNESSING AI FOR ENHANCED PROJECT MANAGEMENT

Mrs. Sarita Gupta

Research Scholar

P.K. University

Dr. Nalla Bhaskar

Dean Research

P.K. University

sarita.spgupta@gmail.com

ABSTRACT

Artificial intelligence (AI) is revolutionizing project management by augmenting human capabilities, streamlining processes, and driving innovation. This paper explores the transformative potential of AI in project planning, risk assessment, resource allocation, and performance monitoring. By leveraging machine learning algorithms, predictive analytics, and natural language processing, AI can empower project managers to make data-driven decisions, identify potential roadblocks, and optimize project outcomes.

The integration of AI in project management offers numerous benefits, including improved efficiency, reduced costs, enhanced collaboration, and increased project success rates. AI-powered tools can automate routine tasks, provide real-time insights, and facilitate proactive decision-making. Furthermore, AI can help project managers anticipate and mitigate risks, allocate resources more effectively, and ensure that projects are delivered on time, within budget, and to the required quality standards.

This paper will discuss the applications, benefits, and future directions of AI in project management, including the potential for AI-driven project management platforms, intelligent automation, and human-AI collaboration. The findings of this research will provide valuable insights for project managers, organizations, and researchers seeking to harness the power of AI to drive project success.