

Chapter 5

AI in Performance Management: Data-Driven Approaches

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ABSTRACT

Artificial Intelligence (AI) is revolutionizing many facets of modern business, and one of the most transformative areas is performance management. Traditionally, performance management has been characterized by annual reviews, subjective evaluations, and a focus on past performance. However, AI is redefining this landscape, introducing new methodologies and tools that offer more dynamic, objective, and data-driven approaches to managing and enhancing employee performance. Moreover, AI enhances the feedback process by providing actionable insights that are often more specific and relevant than those derived from traditional review methods. For instance, AI can highlight recurring issues that might not be immediately obvious to human reviewers, enabling proactive management and support.

DOI: 10.4018/979-8-3693-8442-8.ch005

By analyzing individual performance data, AI can recommend tailored training and development opportunities that align with each employee's strengths, weaknesses, and career goals.

INTRODUCTION

Introduction to AI in Performance Management: Transforming the Way We Work

Artificial Intelligence (AI) is revolutionizing many facets of modern business, and one of the most transformative areas is performance management. Traditionally, performance management has been characterized by annual reviews, subjective evaluations, and a focus on past performance. However, AI is redefining this landscape, introducing new methodologies and tools that offer more dynamic, objective, and data-driven approaches to managing and enhancing employee performance. Moreover, AI enhances the feedback process by providing actionable insights that are often more specific and relevant than those derived from traditional review methods. For instance, AI can highlight recurring issues that might not be immediately obvious to human reviewers, enabling proactive management and support. By analyzing individual performance data, AI can recommend tailored training and development opportunities that align with each employee's strengths, weaknesses, and career goals. This personalized approach helps employees to grow in their roles, enhances their skills, and ultimately contributes to their long-term success within the organization. AI also facilitates more effective goal setting and tracking. Traditional goal-setting processes can be rigid and may not adapt to changing circumstances. AI-driven systems can set and adjust goals dynamically based on real-time performance data and evolving business needs. This agility ensures that goals remain relevant and achievable, keeping employees engaged and motivated. Additionally, the successful deployment of AI in performance management requires careful design and ongoing oversight to avoid potential pitfalls such as algorithmic biases or inaccuracies in data interpretation. In conclusion, AI is transforming performance management by providing organizations with more accurate, objective, and actionable insights into employee performance. Through continuous monitoring, bias reduction, personalized development, dynamic goal setting, and enhanced communication, AI offers significant improvements over traditional performance management methods.

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