



## The Synergy between Artificial Intelligence and Strategic Management

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### Summary

Artificial Intelligence (AI) has transcended its historical role as a tactical automation tool to establish itself as a central component in the formulation and execution of business strategy. This article explores the emerging synergy between cognitive systems and strategic management. It argues that AI is not merely a technological implement to optimize existing processes, but a transformative force that redefines the sources of competitive advantage and alters the very nature of managerial decision-making. We analyze how machine learning and predictive analytics empower leaders to navigate highly complex environments, processing massive volumes of data (Big Data) to identify non-obvious patterns and formulate more robust strategies. The research investigates the convergence of AI with classical management models, demonstrating how strategic execution is enhanced through intelligent automation. It concludes that effective synergy requires more than technological investment; it demands a profound reconfiguration of leadership, organizational culture, and governance models, positioning managers as curators of insights and architects of socio-technical systems.

**Keywords:** Artificial Intelligence. Strategic Management. Competitive Advantage. Data-Driven Decision Making. Digital Transformation.

### Abstract

Artificial Intelligence (AI) has transcended its historical role as a tactical automation tool to establish itself as a central component of business strategy formulation and execution. This article

explores the emerging synergy between cognitive systems and strategic management. It is argued that AI is not merely a technological implementation for optimizing existing processes, but a transformative force that redefines the sources of competitive advantage and alters the very nature of managerial decision-making. We analyze how machine learning and predictive analytics empower leaders to navigate high-complexity environments, processing massive volumes of data (Big Data) to identify non-obvious patterns and formulate more robust strategies. The research investigates the convergence of AI with classic management models, demonstrating how strategic execution is enhanced through intelligent automation. We conclude that effective synergy requires more than technological investment; it demands a profound reconfiguration of leadership, organizational culture, and governance models, positioning managers as insight curators and architects of socio-technical systems.

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## 1. Introduction

The contemporary competitive landscape is characterized by unprecedented volatility, uncertainty, complexity, and ambiguity (VUCA world), driven largely by accelerated digitalization and the emergence of disruptive technologies. In this context, Artificial Intelligence (AI) emerges as the most significant driving force of the next wave of business transformation. Historically, Information Technology (IT) has been viewed predominantly through the lens of strategic alignment, where information systems are designed to support or enable pre-defined business strategies. However, modern AI, with its machine learning, natural language processing, and computer vision capabilities, proposes a fundamentally different relationship: a relationship of synergy, where technology not only executes but also informs, shapes, and even co-creates the strategy itself.

This research is based on the premise that the interaction between AI and strategic management is symbiotic. Strategic management provides direction, business context, and the critical problems to be solved (the "why"), while AI offers the analytical and predictive capabilities at scale to explore vast datasets (Big Data), revealing insights that would be unattainable through human cognition alone (the "how" and "what comes next"). This convergence is forcing organizations to reassess their sources of competitive advantage, shifting them from efficiencies based on static processes to advantages based on the ability to learn and adapt faster than competitors, a concept that Brynjolfsson and McAfee (2014) called "The Second Machine Age".

The objective of this article is, therefore, to dissect the nature of this synergy. We will investigate how AI is impacting the two pillars of strategic management: formulation and execution. In formulation, AI acts as an analytical "consultant," capable of modeling complex future scenarios and identifying non-obvious market opportunities. In execution, AI acts as an intelligent automation "agent," optimizing supply chains, personalizing customer experiences, and freeing human resources from tactical tasks to focus on higher value-added activities, such as innovation and interpersonal relationships.

Information systems management, traditionally focused on the robust implementation of transactional systems such as ERPs, faces its greatest evolutionary challenge here. Managing AI systems requires a new set of skills, not only technical (data architecture, data science), but also leadership and business management. As Davenport (2018) points out, the challenge is not the lack of technology, but the difficulty organizations face in integrating AI insights into their decision-making processes and culture, overcoming organizational resistance and inertia.

This study will also address the need for robust governance to manage this synergy. The introduction of AI systems into strategic decision-making processes raises critical questions about ethics, algorithmic transparency (explainability), and bias. Strategic management must therefore expand its scope to include data and algorithm governance, ensuring that the use of AI is aligned not only with profitability objectives but also with corporate values and regulations, such as the General Data Protection Law (LGPD).

The methodology employed will be a review of academic and managerial literature, connecting the pillars of classic strategic management, established by authors such as Porter (1980) and Mintzberg (1994), with contemporary research on the impact of Artificial Intelligence on business.

The focus will be on identifying the specific mechanisms through which synergy manifests itself and the organizational prerequisites – leadership, culture, and analytical capacity – necessary for this interaction to generate sustainable value.

In theory, it can be concluded that the companies that will achieve lasting success in the AI age will not be those with the most advanced algorithms, but those that develop the best synergy between human and artificial intelligence. Strategic management ceases to be a purely human exercise of intuition and limited analysis, becoming instead a socio-technical process where leadership is measured by the ability to ask the right questions of cognitive systems and translate their answers into agile and effective market actions.

## **2. The Evolution of Artificial Intelligence: From Tactical Tool to Strategic Component**

The trajectory of Artificial Intelligence in the business environment is marked by profound evolution, moving from a science fiction promise, through "winters" of...

From disinvestment to its current consolidation as a general-purpose technology. In the early days of computing, AI, based primarily on expert systems and symbolic logic, was seen as a tactical tool. Its goal was to encapsulate the knowledge of human experts into "if-then" rules to automate highly structured decision-making tasks, such as credit approval or diagnosing machinery faults. The focus was strictly operational: efficiency gains and error reduction in defined processes.

The contemporary AI revolution has been driven by two main factors that have altered its tactical scope: the advent of Big Data and the development of machine learning, especially deep learning. Unlike expert systems, machine learning is not programmed with explicit rules; it learns patterns directly from data. This shift, as highlighted by Brynjolfsson and McAfee (2017), is fundamental: we have moved from machines that execute what we program them to machines that learn what we don't know how to program, such as recognizing images or translating languages with superhuman accuracy.

This new capability has transformed AI from an automation tool into a *predictive tool*. Prediction, as argued by Agrawal, Gans, and Goldfarb (2018), is the central input for decision-making. By drastically reducing the cost and increasing the accuracy of predictions, AI allows companies to reconfigure their business processes. Supply chain management, for example, shifts from being reactive (based on past orders) to being predictive (based on future demand predicted by AI), proactively optimizing inventory and reducing operational costs.

With the advent of Generative Neural Networks (GANs) and, more recently, Large Language Models (LLMs), AI has taken another leap, moving from predictive to *generative*. AI can now create new and cohesive content, from texts and images to software code and engineering designs. This generative capability has direct strategic implications, as it allows the automation of creative and innovation processes, areas previously considered exclusive to the human domain, directly impacting the development of new products and marketing strategies.

The rise of "AI as a Service," made available by cloud computing providers, has democratized access to sophisticated algorithms. This means that competitive advantage no longer lies in possessing the AI technology itself, which has become a commodity, but in the ability of strategic management to identify the right business problems to apply AI to. The technology has become accessible; however, strategic application and integration with existing processes remain the major managerial challenge, requiring strong business leadership.

The result of this evolution is that AI can no longer be exclusively delegated to the IT department. When an AI algorithm dynamically determines prices, personalizes the customer experience in real time, or decides which markets to enter, it is executing strategy. AI strategy and business strategy are therefore converging. AI has become as essential a component as capital or labor, forcing leaders to rethink their business models and the very logic of how their companies create and capture value.

Therefore, the trajectory of AI reflects a shift in value from the tactical to the strategic. If in the 1980s AI helped to *do* things the right way (efficiency), today's AI helps to *choose* the right things to do (strategic effectiveness). This change in scope requires strategic management, including MBAs and business leaders, to acquire fluency in AI, not to become data scientists, but to become architects of organizations that natively integrate artificial and human intelligence into their decision-making cores.

### 3. Strategic Management in the Age of Big Data

The discipline of strategic management has historically been built upon the ability of managers to analyze the external environment and internal resources to formulate a competitive positioning. Classic models, such as SWOT analysis or Porter's Five Forces (1980), provided robust *frameworks* for this analysis. However, these models were conceived in an era of "data scarcity," where information was difficult to obtain, expensive, and often static. Strategic decisions were, therefore, a mix of analysis based on this limited data and a strong dose of managerial intuition and past experience.

The Big Data revolution, defined by the "Vs" (Volume, Velocity, Variety), has reversed this logic. Organizations are now inundated with data, generated with every customer interaction, supply chain transaction, and sensor on a production line. The strategic challenge has shifted from *obtaining* data to *extracting meaning* (insights) from a volume of information that radically surpasses human cognitive processing capacity. Strategic management, in this new context, becomes less an exercise in deliberate planning and more a process of continuous discovery and adaptation, as advocated by Mintzberg (1994) in his critique of traditional strategic planning.

Artificial intelligence, specifically machine learning, is the key technology that makes Big Data usable for strategy. Without AI, Big Data is just noise; it's a storage cost and a security liability. With AI, Big Data becomes the company's most valuable strategic asset. Machine learning algorithms are designed to sift through petabytes of structured and unstructured data (such as social media texts, videos, or server logs) to identify subtle correlations, predictive patterns, and anomalies that no human analyst could expect to find.



This capability changes strategic formulation. Instead of basing a product launch on traditional market research (sampling and with a *delay*), a company can use AI to analyze millions of online conversations in real time, identifying emerging niche needs before competitors even realize them. Strategy ceases to be a "bet" based on historical projections and becomes a data-informed hypothesis, rapidly tested in the market and dynamically adjusted based on real-time feedback.

Information systems management takes on a central role in this new era. IT infrastructure is no longer just about keeping the ERP running; it's about building a robust and flexible "data architecture." This involves integrating data from disparate sources (ERP, CRM, IoT, social media) into *data lakes* or *data warehouses* that can feed AI models. Strategic success thus becomes dependent on the quality of data engineering and data governance, ensuring that algorithms are fed accurate and relevant information.

The impact of Big Data on strategic management is also reflected in performance measurement. Models like the Balanced Scorecard (Kaplan and Norton, 1992) are still relevant, but key performance indicators (KPIs) are becoming much more granular and predictive. Instead of measuring "customer satisfaction" through annual surveys, AI can monitor customer sentiment in real time. Instead of measuring "operational performance" by average cost, AI can predict machine failures (predictive maintenance) before they stop production.

Consequently, the synergy between strategic management and AI in the Big Data era redefines the essential competencies of leadership. The modern strategic leader, trained in business management, doesn't need to know how to code an algorithm, but fundamentally needs to understand what data can reveal and what business questions AI can answer. Leadership becomes a curation of data and insights, where managerial intuition is not replaced, but rather "augmented" and validated by the massive analytical capacity of Artificial Intelligence.

#### **4. Synergy in Strategic Formulation: AI as an Enabler of Decision Making**

Strategic formulation is the process by which leaders define the organization's long-term vision and the roadmap to achieve it, involving critical choices about where to compete and how to win. Traditionally, this process is intensive in human analysis, susceptible to cognitive biases, and limited by managers' ability to process complex information. Artificial Intelligence is reshaping this process, introducing a level of predictive analysis and scenario modeling that dramatically enhances the quality of strategic decision-making, creating a direct synergy between human and artificial cognition.

AI's first contribution to formulation is the ability to perform predictive analytics at scale. While traditional statistical methods are effective at predicting the future based on...



In contrast to past linear trends, machine learning algorithms, such as neural networks and *random forests*, excel at modeling complex and non-linear systems. This allows managers to simulate the impact of strategic decisions (e.g., entering a new market, changing pricing policy) in a virtual environment, testing thousands of variables and scenarios in a way that would be impossible manually. AI can predict the likely reaction of competitors, the elasticity of customer demand, and bottlenecks in the supply chain.

Another dimension of synergy is AI's ability to identify "weak signals" and non-obvious patterns in the external environment. Strategic management depends on accurate environmental analysis (scanning). AI can continuously monitor millions of sources of unstructured data – such as newly filed patents, regulatory changes in foreign jurisdictions, or sentiment in technical forums – to detect emerging threats or opportunities long before they become evident to the market. This allows the strategy to be proactive, rather than reactive, providing a crucial time advantage.

AI also acts as an antidote to the cognitive biases that plague managerial decision-making, a field extensively studied by Kahneman (2011). Biases such as confirmation bias (seeking data that confirms existing beliefs) or anchoring bias (relying excessively on the first information received) can lead to disastrous strategic decisions.

AI, being fundamentally data-driven, can offer an objective view, highlighting when a manager's intuition is diverging from statistical evidence. The true synergy lies not in replacing intuition, but in constructively "challenging" it through the algorithm.

The process of gathering requirements for strategic formulation, a pillar of information systems management, is also transformed. Instead of asking managers "What reports do you need?", the dialogue shifts to "What strategic questions do you need to answer?". The IS manager, acting as a "translator" between the business and AI, helps structure the business problem so that it can be solved by a machine learning model, defining the success metrics and the necessary data sources.

Generative AI is even starting to play a role in strategic *brainstorming* .

Big Language Models can be used as sparring partners for leaders, generating new business model ideas, proposing alternative marketing strategies, or drafting strategic plans. While the final decision and responsibility remain human, AI accelerates the creative process and broadens the range of options considered by the leadership team, refining strategic thinking.

Finally, the synergy in strategic formulation lies in the creation of a continuous "learning loop."

Strategic decisions formulated with the aid of AI are implemented (executed) and generate new data about their performance. This data, in turn, is used for retraining and...

Refining AI models makes future predictions more accurate. The strategy ceases to be a static five-year plan and becomes an adaptive and intelligent system, where the organization learns collectively (human + machine) from its own actions, an ideal that Peter Senge (1990) described as the "learning organization".

## 5. Synergy in Strategic Execution: Intelligent Automation and Process Optimization

If strategic formulation defines "what" needs to be done, strategic execution is "how" to make it happen. It is in execution that strategy often fails, encountering the inertia of existing processes, inefficient resource allocation, and a lack of operational alignment. Artificial Intelligence, in synergy with information systems management, acts as a powerful catalyst for strategic execution, going far beyond simple automation (RPA) to enable "Intelligent Process Automation" (IPA) and the dynamic optimization of business operations.

The synergy is evident in the transition from tactical automation to strategic orchestration. While Robotic Process Automation (RPA) excels at automating repetitive, rule-based tasks (tactical level), AI adds a layer of cognition. Intelligent Automation combines RPA with machine learning and natural language processing, enabling systems to handle exceptions, process unstructured data (such as PDF invoices or customer emails), and make real-time decisions that previously required human intervention. This frees management to focus on continuous improvement and end-to-end validation, rather than putting out operational fires.

In the manufacturing sector, for example, the execution of a "cost leadership" or "superior quality" strategy is directly enabled by AI. Predictive maintenance algorithms analyze data from IoT (Internet of Things) sensors to predict machine failures, scheduling maintenance shutdowns before breakdowns occur, reducing *downtime* and optimizing maintenance costs. Computer vision systems monitor the production line in real time, detecting quality defects with far greater accuracy than human inspection, ensuring compliance with the quality strategy and reducing rework costs.

Implementing customer-focused strategies, such as mass personalization, becomes feasible at scale through AI. In the education sector, for example, an "adaptive learning" strategy can only be executed by AI systems that monitor each student's progress, identify their specific difficulties, and deliver personalized content to meet their needs. This optimizes the institution's operational level, moving it from a "one-to-all" model to a highly effective "one-to-one" model, something that would be prohibitively expensive to execute with human resources alone.



AI also optimizes resource allocation, a pillar of strategic execution and cost management. Optimization and operational research algorithms, powered by machine learning, can solve complex problems in logistics routing, inventory management, and workforce scheduling. In a shared service center, for example, AI can predict call volume and automatically route tickets to analysts with the right skills, improving service level agreements (SLAs) while minimizing the cost of idle employees, aligning directly with cost committee goals.

The integration of AI with legacy management systems, such as ERPs (Protheus, RM) and CRMs, is where expertise in information systems management becomes critical. AI does not replace these transactional systems; it "augments" them. AI extracts data from the ERP to predict demand, and then feeds its recommendations back into the ERP to generate automatic purchase orders. This integration architecture is the infrastructure of synergy, ensuring that the insights generated by AI are translated into concrete actions within the company's standard business processes.

Finally, synergy in execution creates a virtuous cycle of improvement. Automated and AI-optimized execution generates cleaner, more consistent, and granular data on process performance. This data, in turn, fuels the training of even more accurate AI models, leading to future optimizations. Strategic execution ceases to be an implementation project and becomes a dynamic operating system, where operational-level improvement is continuous and driven by data—a central objective of any MBA in business management.

## **6. Disruptive Business Models Enabled by AI-Strategy Synergy**

The synergy between Artificial Intelligence and strategic management is not limited to optimizing existing operations or improving decision-making within current business models. Its most profound and disruptive impact lies in the ability to create entirely new business models that would be unfeasible or unimaginable without the cognitive and predictive capabilities of AI. Companies that understand this synergy are not just playing the game better; they are changing the rules of the game, creating new ways to generate and capture value.

Hyper-personalization is one of the first AI-enabled business models. Companies like Netflix and Spotify don't just sell content; they sell an individually curated experience. Their strategic management is based on the ability of their AI algorithms to analyze the behavior of millions of users to predict and recommend the next item the user will want. This business model, based on "attention economy" and retention, is only possible through large-scale machine learning, transforming a mass-market product into a niche service for each individual.

Another disruption is the "servitization" of products, especially in manufacturing. Traditional equipment manufacturers, such as aircraft or tractor engines, are using AI and IoT to change their business model: instead of selling the product (an engine), they sell the result (guaranteed flight hours or "horsepower"). AI is the cornerstone of this strategy, monitoring equipment in real time, predicting failures (predictive maintenance), and optimizing performance.

Strategic management is shifting its focus from production efficiency to managing long-term service contracts and asset availability.

AI also enables the creation of highly efficient two-sided marketplace platforms, which previously suffered from high transaction costs. Companies like Uber and iFood use AI not only to connect supply and demand, but to actively manage the marketplace. AI algorithms manage dynamic pricing (to balance supply and demand), optimize delivery routes, and even predict demand in specific neighborhoods before it occurs. The strategy of these companies *is* their AI algorithm; strategic management and AI product management are indistinguishable.

The emergence of "AI-first" businesses represents the pinnacle of this synergy. These are companies whose core value proposition is an AI algorithm. This ranges from startups offering medical diagnoses based on computer vision to cybersecurity companies using AI to detect anomalies and predict attacks. In these organizations, strategic management is intrinsically linked to the AI model development lifecycle. The R&D (Research and Development) strategy focuses on improving the model's accuracy, and the go-to-market strategy focuses on finding new use cases for its core predictive capability.

Generative AI is on the verge of creating another wave of disruption. Companies are emerging to offer "content creation as a service," automating the generation of marketing, product design, or even musical composition. This challenges the business models of traditional creative agencies and software companies. Strategic management in these new companies involves balancing AI capabilities with human curation, creating a "centaur" model.

(AI + human) to deliver creative value at scale.

In all these cases, information systems management and business leadership (MBA) must work together. The IS technologist is responsible for building the scalable (often cloud-based) architecture that allows these AI models to operate 24/7. The business leader is responsible for identifying the market opportunity, defining the revenue model (e.g., subscription, pay-per-use), and ensuring that the AI-enabled business model is profitable, defensible, and aligned with industry regulations. Synergy is the fusion of technical feasibility with market vision.

## 7. Ethical, Cultural, and Leadership Challenges in Integrating AI

Despite the immense potential for synergy between Artificial Intelligence and strategic management, its practical implementation is hampered by significant barriers that are not technological in nature, but rather human, cultural, and ethical. Failure to address these challenges can lead to failed implementations, loss of stakeholder trust, and significant reputational risks. Business leadership, with a vision of systems and process management, is fundamental to navigating this complex socio-technical transition, ensuring that the adoption of AI is sustainable and responsible.

The first major challenge is algorithmic bias and the need for explainability (XAI). Machine learning models are trained on historical data, and if that data reflects past human biases (such as in hiring or credit granting processes), AI will not only perpetuate but could amplify those distortions on a large scale.

Strategic management is responsible for ensuring the fairness of systems. This requires rigorous data governance and the adoption of "Explainable AI" (XAI) techniques, which allow managers to understand *why* a model made a particular decision, something crucial for auditing and legal compliance.

The second challenge is managing organizational change and cultural impact. The introduction of AI often generates fear and resistance in the workforce, which fears the replacement of their jobs by automation. If AI is implemented top-down with an exclusive focus on cost reduction, the culture of collaboration will be destroyed. Business leadership (MBA) must promote a narrative of "augmentation," not "replacement." This involves investing heavily in reskilling and creating knowledge matrices that focus on skills complementary to AI, such as critical thinking, creativity, and empathy.

Ethics in data collection and use is a central concern, especially with regulations like the LGPD in Brazil and the GDPR in Europe. AI is hungry for data, and strategic management may be tempted to collect as much information as possible about customers and employees to feed their models. However, this creates a huge privacy risk. Leadership must incorporate the principles of "Privacy by Design" into the architecture of AI systems, ensuring that the company's data strategy is ethically sound and legally compliant, transforming data governance into a competitive advantage, not a liability.

Redefining leadership itself is a challenge. The traditional leader, whose authority was based on experience and "intuitive" decision-making, may feel threatened by algorithms that outperform them in analysis. As Shoshana Zuboff (2019) argues in her work on surveillance capitalism, power is shifting to those who control information systems. The new strategic leader must be humble enough to trust AI insights, but wise enough to...

sufficient to know when to question them, acting more like a "conductor" of an orchestra of intelligences (human and artificial) than like a military commander.

The "black box" of AI also presents an accountability challenge. If an AI system makes a strategic decision that leads to failure – such as pricing a product incorrectly or optimizing the supply chain for collapse – who is responsible? The data scientist, the manager who approved the model, or the CEO? Strategic management needs to create new accountability frameworks *that* recognize AI as an actor in the decision-making process, without abdicating ultimate human responsibility for the system's governance.

Finally, there is the challenge of investment and ROI. AI projects are inherently experimental and may have long gestation periods before generating tangible value. This conflicts with the pressure from cost committees for short-term results. Strategic management must have the ability to defend these investments based on their long-term strategic value (such as building a core analytical capability), rather than an immediate ROI calculation, balancing the exploration of new technologies with the optimization of existing businesses (organizational ambidexterity).

## 8. Conclusion

The convergence between Artificial Intelligence and Strategic Management represents the most profound transformation in the management paradigm since the industrial revolution. This article demonstrated that the relationship between these two forces is not one of subordination, where AI simply serves the strategy, but rather one of synergy. It is a symbiotic interaction where cognitive systems augment the human capacity to formulate strategies in complex environments, and strategic management provides the context and governance for AI to execute these strategies with unprecedented operational efficiency, generating a virtuous cycle of learning and adaptation.

An analysis of the evolution of AI, from a tactical tool to a strategic component, reveals that the source of competitive advantage has shifted. It no longer resides in the possession of physical assets or even in the efficiency of static processes, but in the organizational capacity to learn faster through data. AI is the engine of this learning. Strategic management in the Big Data era, therefore, is the discipline that formulates the right questions, while AI is the tool that probes universes of data to find the answers, often in counterintuitive ways.

The synergy in strategic *formulation* was identified in AI's ability to model predictive scenarios, identify weak signals in the environment, and act as an antidote to leaders' cognitive biases. Managerial intuition is not eliminated, but refined, challenged, and validated by data.

Strategic decision-making becomes a socio-technical process, where the quality of the interaction

The interaction between the leader and the algorithm defines the quality of the resulting strategy, requiring a new level of data fluency from senior management.

In strategic *execution*, synergy manifests itself through intelligent automation. AI enhances legacy information systems, such as ERPs, transforming them from passive record-keeping systems into active optimization engines. Whether in predictive maintenance in manufacturing or adaptive personalization in education, AI executes strategy in real time, improving operational efficiency and freeing up human resources for more complex tasks, directly aligning operations with business objectives of cost reduction and efficiency.

We also demonstrate that the ultimate impact of this synergy is the creation of disruptive business models. Hyper-personalization, product servitization, and AI-based marketplace platforms are not merely incremental improvements; they are fundamental redefinitions of how companies create and capture value. Business strategy and AI strategy become, in these cases, indistinguishable, with the algorithm being the very core of the company's value proposition.

However, this transformative journey is fraught with critical challenges. Modern business management must directly address the ethical issues of algorithmic bias, the privacy risks of the LGPD (Brazilian General Data Protection Law), and the profound cultural resistance to change. Leadership, therefore, assumes a central role not as an omniscient decision-maker, but as a culture architect, a change manager, and a guardian of ethical AI governance, balancing innovation with responsibility.

The professional who emerges as central to this new paradigm is one who, like the author of this article, moves fluidly between Information Systems Management and Business Management. This is the leader who understands data architecture and the fundamentals of AI (the technology), while simultaneously mastering cost analysis, team leadership, and strategic formulation (the business). This professional is the human "bridge" that ensures the synergy between AI and strategy is effective.

In conclusion, Artificial Intelligence is not the future of strategic management; it is the present. The organizations that will thrive are not those that adopt AI as an isolated IT project, but those that integrate it into the heart of their decision-making process. The synergy between human intelligence and artificial intelligence is no longer an option, but the very definition of managerial competence in the 21st century, determining which companies will be able to adapt and which will become obsolete in the new cognitive economy.

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