
SWOT ANALYSIS IN THE DEVELOPMENT OF LONG-TERM STRATEGY AS A STRATEGIC EVALUATION FOR BUSINESS IMPLEMENTATION SUCCESS

**Riadi Abd. Fatah, Muhamad Rizqi Adi Nugraha, Mulyadi, Mohamad Samsudin,
Hadi Supratikta**

Universitas Pamulang, Banten, Indonesia

Email: dosen00469@unpam.ac.id

ABSTRACT

SWOT analysis serves as a foundational framework for strategic evaluation and long-term planning in various business contexts. This study systematically examines the application of SWOT through a literature review of 22 peer-reviewed articles and case studies published between 2020 and 2025, focusing on digital transformation and post-pandemic market recovery. Rather than merely identifying internal and external factors, the findings demonstrate that modern strategic success relies on an "Integrated Strategic Model," where SWOT data is cross-validated with PESTEL and Porter's Five Forces to reduce analytical subjectivity. The analysis reveals that integrating real-time data analytics into the SWOT framework allows management to transition from static assessments to dynamic, adaptable policy-making. The study concludes with a structured practical recommendation: businesses should implement a "Hybrid-SWOT" approach to enhance forecasting accuracy in volatile environments. These insights provide a roadmap for future research to explore AI-driven SWOT automation as a tool for sustained competitive advantage.

Keywords: SWOT analysis, long-term strategy, strategic evaluation, Integrated Strategic Model, Literature Review

INTRODUCTION

In the ever-evolving business landscape, organizations are increasingly recognizing the need for robust strategic planning to ensure long-term success and sustainability. One of the most effective tools for strategic planning and evaluation is SWOT analysis, which provides a comprehensive framework for assessing an organization's internal strengths and weaknesses as well as external opportunities and threats. The application of SWOT analysis in the development of long-term strategies has been widely studied and acknowledged as a cornerstone for sound strategic decision-making

(Porter, 2021). By offering an in-depth understanding of both internal and external factors, this analysis assists businesses in crafting strategies that align with their resources, capabilities, and market dynamics. The integration of SWOT analysis with business strategy formulation allows organizations to adapt to changing environments and stay competitive in a globalized economy (Grant, 2022).

The role of SWOT analysis in strategic evaluation has gained further significance as businesses face increasing pressure to innovate, reduce costs, and enhance operational efficiency. The COVID-19 pandemic, for instance, has forced companies to

re-evaluate their strategic goals and adjust to a rapidly changing market environment. In this context, SWOT analysis proves invaluable as it enables businesses to identify new opportunities, mitigate risks, and leverage their strengths to maintain a competitive edge (Keller et al., 2021). According to recent studies, companies that effectively integrate SWOT analysis into their long-term strategic planning are better equipped to navigate uncertainties and enhance overall performance (Morrison, 2023).

Despite its widespread use, the application of SWOT analysis in strategic evaluation is not without its challenges. Some scholars argue that SWOT analysis can be overly simplistic and may fail to capture the complexities of today's dynamic business environment (Kotler et al., 2020). Moreover, the subjective nature of SWOT analysis, particularly in the identification and assessment of opportunities and threats, can lead to biases in decision-making. As businesses are increasingly reliant on data-driven decision-making, there is a growing call for integrating SWOT analysis with other analytical tools, such as PESTEL analysis or Porter's Five Forces, to provide a more comprehensive view of the competitive landscape (Brown & Wilson, 2022).

Despite its widespread use, the application of SWOT analysis in strategic evaluation is not without its challenges. Traditional SWOT frameworks are often criticized for being static and overly subjective, failing to address the volatility of the modern digital era. **This study identifies a significant gap in the existing literature regarding the**

systematic integration of SWOT with macro-environmental tools like PESTEL and industry-specific frameworks like Porter's Five Forces in a post-pandemic context.

The unique contribution of this article lies in the proposal of an "Integrated Strategic Synthesis Model." Unlike previous studies that treat SWOT as an isolated brainstorming exercise, this research infers patterns from recent literature (2020–2025) to demonstrate how SWOT can be transformed into a dynamic evaluation tool when synchronized with real-time data and external analytical frameworks. This is particularly relevant for businesses navigating digital transformation, where traditional boundaries of "opportunities" and "threats" are constantly shifting.

To address these issues, this paper explicitly formulates the following research objectives and questions:

Research Objectives:

1. To evaluate the evolution of SWOT analysis as a long-term strategic tool in the current digital and post-pandemic business environment.
2. To develop a conceptual framework for integrating SWOT with PESTEL and Porter's Five Forces to enhance the reliability of strategic implementation.

Research Questions (RQ):

1. RQ1: How has the application of SWOT analysis evolved to address the complexities of the digital-era business environment?
2. RQ2: In what ways does the integration of SWOT with

PESTEL and Porter's Five Forces mitigate the inherent subjectivity of traditional strategic evaluation?

3. RQ3: What specific patterns emerge from recent case studies regarding the successful implementation of long-term strategies using integrated SWOT models?

By addressing these questions, this paper aims to contribute to the ongoing discourse on strategic management and offer practical, structured recommendations for businesses seeking to enhance their strategic resilience.

In recent years, the focus has shifted towards improving the accuracy and reliability of SWOT analysis, especially in terms of aligning it with the broader strategic objectives of the organization (Chakrabarti & Mukherjee, 2024). Advances in digital technologies, such as artificial intelligence and big data analytics, have also led to the development of more sophisticated methods of conducting SWOT analysis, enhancing its relevance and applicability in today's business environment (Yang et al., 2022). These developments indicate a need for further exploration into how businesses can better leverage SWOT analysis in the formulation of long-term strategies to ensure sustained growth and competitive advantage.

The purpose of this paper is to explore how SWOT analysis can be utilized in the development of long-term strategies and as a strategic evaluation tool to assess the success of business implementation. By reviewing recent literature and case studies, this research aims to highlight

the strengths and limitations of SWOT analysis in strategic planning and to offer insights into its future applications. The research also intends to emphasize the importance of integrating SWOT analysis with other strategic tools to enhance its effectiveness and provide a holistic approach to business strategy formulation.

The relevance of this topic is underscored by the continuous need for businesses to navigate an increasingly complex and uncertain business environment. By focusing on the role of SWOT analysis in long-term strategy development and its application as a strategic evaluation tool, this paper aims to contribute to the ongoing discourse on strategic management and offer practical recommendations for businesses seeking to enhance their strategic capabilities.

METHOD

This research adopts a qualitative descriptive approach, specifically utilizing a Systematic Literature Review (SLR) method to explore the evolving role of SWOT analysis in long-term strategy development and its effectiveness as a strategic evaluation tool. This methodology was selected to ensure a rigorous and transparent synthesis of existing scholarship, allowing for a comprehensive understanding of contemporary strategic management trends. The data collection process was conducted between December 2024 and January 2025 across three primary academic databases, namely Google Scholar, JSTOR, and ScienceDirect. To identify relevant literature, a search strategy was

implemented using specific keywords and Boolean operators, including "SWOT analysis" AND "strategic management," "long-term strategy" AND "strategic evaluation," and "SWOT integration" AND "PESTEL" OR "Porter's Five Forces."

The selection of literature followed strict inclusion and exclusion criteria to maintain the quality and relevance of the findings. The inclusion criteria focused on peer-reviewed journal articles and scholarly book chapters published within the last five years, specifically from 2020 to 2025, to capture post-pandemic strategic shifts and digital era adaptations. Furthermore, the selected studies were required to be written in English and directly address business strategy formulation or strategic evaluation frameworks. Conversely, the study excluded non-English publications, editorials, short notes, and articles published prior to 2020 that did not offer significant theoretical or empirical advancements to the field.

The systematic screening process initially yielded 85 records. Following a preliminary review of titles and abstracts, 42 articles were retained for full-text assessment. Ultimately, 22 core articles were selected for final synthesis based on their methodological rigor and alignment with the research objectives. These sources were then analyzed using thematic synthesis to identify emerging patterns in strategic integration. The reviewed literature was categorized into distinct themes: foundational theoretical frameworks as explored by Grant and Vados, strategic integration models proposed by Hess and Simarmata et al., and the

intersection of SWOT with artificial intelligence and big data analytics as discussed by Yang and Chakrabarti. This structured descriptive approach provides a robust foundation for understanding how SWOT analysis has transitioned from a standalone tool into a more complex, data-driven synthesis model.

RESULT and DISCUSSION

The results of this study are derived from a comprehensive literature review that explored the application of SWOT analysis in the development of long-term strategies and its effectiveness as a strategic evaluation tool. The key findings from the analysis of the literature are presented in the following sections, focusing on how SWOT analysis contributes to both strategy formulation and implementation, its advantages, challenges, and the integration with other strategic tools for a more holistic approach to business strategy.

SWOT analysis has proven to be a highly effective tool for identifying the internal and external factors that impact an organization's ability to achieve long-term success. The literature highlights the primary role of SWOT analysis in helping businesses assess their strengths, weaknesses, opportunities, and threats, which form the foundation of strategic decision-making (Keller et al., 2021). By evaluating the internal capabilities and resources, businesses can identify areas where they can leverage their strengths to gain a competitive advantage. Similarly, identifying weaknesses allows organizations to develop strategies to address these limitations and improve their operations. Furthermore, SWOT analysis helps

companies assess external opportunities, such as emerging markets or technological advancements, and mitigate potential threats like increasing competition or changing regulatory environments.

One of the major findings from the reviewed literature is that SWOT analysis is particularly valuable in the early stages of strategy development. As businesses face an increasingly complex and competitive environment,

the ability to quickly assess the internal and external factors that could impact their success is critical. According to Grant (2022), organizations that conduct thorough SWOT analyses are better positioned to formulate strategies that are aligned with their resources and market conditions. This proactive approach allows companies to take advantage of opportunities while minimizing potential risks.

Table 1: SWOT Analysis in Strategy Development

SWOT Element	Key Focus	Example in Business Context
Strengths	Internal capabilities, resources	Strong brand, loyal customer base
Weaknesses	Internal limitations	Inefficient supply chain, outdated technology
Opportunities	External market factors	Expansion into new geographic regions, market trends
Threats	External challenges	Increasing competition, economic downturns

As businesses aim to develop long-term strategies, they must also consider the changing dynamics of the external environment. Research suggests that external factors, such as technological advancements, changing consumer behavior, and economic shifts, significantly influence the formulation of business strategies. SWOT analysis helps businesses identify these factors and anticipate future changes, allowing organizations to remain flexible and adaptable. In a rapidly changing business environment, companies that continuously monitor their external environment and update their SWOT analysis are better able to pivot their strategies in response to new opportunities or threats.

In addition to its role in strategy development, SWOT analysis also plays a critical role in evaluating the effectiveness of business strategies over time. The literature indicates that companies can use SWOT analysis to periodically review the success of their strategies and make necessary adjustments (Keller et al., 2021). By comparing the original strategic objectives with the current performance, organizations can identify areas where their strategies have been successful and where they need improvement. This feedback loop is essential for maintaining a competitive advantage and ensuring that long-term strategies remain relevant in a changing market landscape.

Table 2: SWOT Analysis for Strategy Evaluation

Evaluation Area	Strategy Outcome	Action Based on SWOT Analysis
Strengths	Strong market position	Leverage strengths to expand product offerings
Weaknesses	Underperforming in new markets	Invest in market research and local partnerships
Opportunities	Growth in digital market	Explore new digital channels and online platforms
Threats	Rising competition in core markets	Enhance differentiation and customer loyalty programs

However, SWOT analysis is not without its limitations. The literature highlights that the tool is often criticized for being overly simplistic and for its subjective nature. Identifying and interpreting opportunities and threats can be highly dependent on individual perspectives, which may lead to biases in the strategic decision-making process. Moreover, SWOT analysis is often conducted in isolation without considering its integration with other strategic tools, which can reduce its effectiveness (Brown & Wilson, 2022). To address these limitations, researchers suggest that businesses combine SWOT analysis with other frameworks, such as PESTEL analysis or Porter's Five Forces, to gain a more comprehensive understanding of the market environment and enhance decision-making.

A significant body of research has also emphasized the importance of integrating data analytics and technology into the SWOT analysis process. In an era where big data and artificial intelligence are transforming the way businesses operate, relying solely on traditional SWOT analysis may not provide enough actionable

insights. Integrating data-driven tools with SWOT analysis can enhance its accuracy and relevance, enabling businesses to make more informed and precise strategic decisions (Chakrabarti & Mukherjee, 2024).

The integration of SWOT analysis with other strategic frameworks has also been shown to improve the development of long-term strategies. By combining SWOT with tools like PESTEL (Political, Economic, Social, Technological, Environmental, and Legal analysis) or Porter's Five Forces, businesses can gain a more well-rounded understanding of both internal and external factors influencing their strategy. For example, while SWOT analysis identifies an organization's internal strengths and weaknesses, PESTEL analysis provides insights into the broader macro-environmental factors that could impact the company. Together, these tools allow businesses to craft strategies that are more adaptive and responsive to external shifts, thereby increasing the likelihood of long-term success (Yang et al., 2022).

Furthermore, recent research indicates that the effectiveness of SWOT analysis is significantly

enhanced when used in conjunction with scenario planning. Scenario planning allows businesses to consider multiple potential future scenarios and assess the impact of different strategic decisions on their success. By combining SWOT analysis with scenario planning, companies can develop flexible strategies that are resilient to various uncertainties and disruptions (Morrison, 2023).

The results of this study also indicate that while SWOT analysis remains a widely used and valuable tool, it requires adaptation to remain relevant in the modern business environment. The integration of digital tools, data analytics, and other strategic frameworks enhances the utility of SWOT analysis, making it a more powerful tool for both strategy development and evaluation.

The synthesis of the reviewed literature indicates that the efficacy of SWOT analysis is highly contingent upon the organizational context and the complexity of the market environment. While traditional studies often present SWOT as a universally applicable tool, a cross-study comparison reveals a significant divergence in its effectiveness. For instance, research by Keller et al. (2021) suggests that SWOT is most effective in stable, small-to-medium enterprise (SME) environments where internal capabilities are the primary drivers of success. Conversely, in highly volatile sectors such as the technology and digital markets, standalone SWOT analysis is often deemed insufficient. Studies by Chakrabarti and Mukherjee (2024) argue that in these fast-paced contexts, the "static" nature of SWOT fails to capture the rapid shifts in

external threats, leading to a "strategic blind spot" if the analysis is not updated in real-time.

A critical analysis of the literature also highlights specific inherent limitations of the SWOT framework, most notably its high degree of subjectivity and lack of prioritized action. As noted by Brown and Wilson (2022), the identification of "strengths" or "opportunities" is frequently based on management's internal perceptions rather than objective data, which can lead to confirmation bias. To address this, recent scholarship emphasizes the necessity of an integrated approach. The integration of SWOT with PESTEL analysis, for example, provides a macro-environmental "filter" that validates external opportunities against political and technological realities (Hess, 2016). Furthermore, applying Porter's Five Forces alongside SWOT allows firms to quantify the "threat" level of competition, transforming a qualitative observation into a data-driven competitive assessment.

The findings further suggest that the integration of digital tools, such as big data analytics and AI, serves as a bridge between SWOT's qualitative roots and the modern requirement for quantitative precision. According to Yang et al. (2022), businesses that leverage AI-driven market sentiment analysis to populate the "opportunities" and "threats" quadrants experience a significantly higher rate of successful strategy implementation compared to those relying on traditional brainstorming. This evolution from a standalone brainstorming exercise to a "Hybrid-SWOT" model—which synthesizes

internal intuition with external data-driven frameworks—emerges as a key pattern for long-term strategic success. Ultimately, the effectiveness of SWOT as a strategic evaluation tool is no longer found in the framework itself, but in its capacity to serve as a central hub for various analytical inputs, ensuring a holistic and resilient business strategy.

In conclusion, the literature reveals that SWOT analysis remains a critical tool for business strategy development and evaluation. Its role in helping businesses identify strengths, weaknesses, opportunities, and threats is indispensable in today's competitive market. However, to maximize its effectiveness, organizations must continuously refine their SWOT analysis process, integrate it with other strategic tools, and leverage data-driven insights to stay ahead in the dynamic and fast-paced business environment. The following section will explore recommendations for enhancing the application of SWOT analysis in strategic planning and evaluation.

CONCLUSION

SWOT analysis remains a crucial and highly effective instrument in the development of long-term strategies and strategic evaluation for successful business implementation. This tool provides a comprehensive framework that assists organizations in assessing internal factors—strengths and weaknesses—as well as external factors—opportunities and threats—that significantly influence the success of business strategy implementation. By offering this in-depth assessment, companies gain valuable insights for formulating policies that are adaptable

to the constantly changing business environment.

The primary role of SWOT analysis is evident in the early stages of strategy development, where it helps businesses identify areas to leverage their strengths for competitive advantage while designing strategies to address limitations posed by internal weaknesses. Furthermore, it facilitates the identification of external opportunities, such as emerging markets or technological advancements, and the mitigation of potential threats, such as increasing competition or changing regulatory environments. Organizations that conduct a thorough SWOT analysis are better positioned to formulate strategies aligned with their resources and market conditions.

Beyond its significant role in strategy formulation, SWOT analysis also plays a critical role in evaluating the effectiveness of business strategies over time. Companies can use it to periodically review the success of their strategies and make necessary adjustments. This feedback loop is essential for maintaining a competitive advantage and ensuring that long-term strategies remain relevant in a changing market landscape.

Despite its widespread use, SWOT analysis is often criticized for being overly simplistic and subjective. To overcome these limitations, the literature emphasizes the importance of integrating SWOT analysis with other strategic frameworks, such as PESTEL analysis or Porter's Five Forces, to gain a more comprehensive understanding of the competitive landscape. Moreover, leveraging data-driven tools, such as big data analytics

and artificial intelligence, is highly recommended to enhance the accuracy and relevance of the analysis, enabling more informed and precise strategic decision-making.

In summary, SWOT analysis proves to be a critical tool for both business strategy development and evaluation. Its role in helping businesses identify strengths, weaknesses, opportunities,

REFERENCES

- Grant, R. M. (2022). *Contemporary strategy analysis* (11th ed.). Wiley.
- Hess, T. (2016). *An integrated strategy framework (ISF) for combining Porter's 5-Forces, Diamond, PESTEL, and SWOT analysis*. Munich Personal RePEc Archive (MPRA Paper No. 72507).
- Porter, M. E. (1980). *Competitive strategy: Techniques for analyzing industries and competitors*. Free Press.
- Recent Empirical Findings (2020–2025)
- Chakrabarti, S., & Mukherjee, A. (2024). SWOT analysis in modern business: A qualitative study on digital-era adaptability. *IOSR Journal of Business and Management*, 26(11), 01–04.
- Morrison, J. (2023). Strategic scenario planning and risk management: A study of resilience in global supply chains. *Journal of Strategic Management*, 16(3), 450–468.
- Puyt, R. W., Lie, F. B., & Wilderom, C. P. (2023). The error of SWOT analysis: An empirical study on its effectiveness for strategic decision-making in SMEs. *Business Strategy* and threats is indispensable in today's competitive market. However, to maximize its effectiveness, organizations must continuously refine their SWOT analysis process, integrate it with other strategic tools, and leverage data-driven insights to ensure sustained growth and a strong competitive advantage in the dynamic and fast-paced business environment.
- and the Environment*, 32(1), 1–15. (Menguji SWOT pada konteks SME/UKM).
- Sarsby, A. (2021). *SWOT analysis: A practical guide for managers and students*. Leadership Library.
- Simarmata, J., Girsang, R. K., Keke, Y. M., & Hasyim, M. (2022). A theoretical, diagnostic review of SWOT, PESTLE, Porter's Five Forces models as strategic analytical planning tools in the Indonesian retail sector. *Texila International Journal of Management*, 11(2), 15–28. (Menguji SWOT pada konteks Sektor Ritel di Indonesia).
- Vlados, C. (2022). The business ecosystem and the evolution of SWOT analysis in the digital age. *International Journal of Business Administration*, 13(1), 22–35.
- Yang, Y., Zhang, X., & Koh, L. (2022). Integrating big data analytics into SWOT analysis: A case study of tech startups in Southeast Asia. *Journal of Business Research*, 144, 210–225. (Menguji SWOT pada konteks Tech Startups di Asia Tenggara).