

Time as Currency: The Role of Timing and Value in Finance, Wellness, and Decision-Making

Candauda Arachchige Saliya*

Department of Business Management, Sri Lanka
Institute of Information Technology, Sri Lanka

*Corresponding Author

Candauda Arachchige Saliya, Department of Business Management, Sri Lanka
Institute of Information Technology, Sri Lanka.

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Abstract

Time is an invaluable resource, often equated with money, wellness, and success across various life domains. This paper explores the multifaceted role of time, focusing on the principles of the "Time is Money" concept, the Time Value of Money (TVM), timing in mental health recovery, knowledge testing under time constraints, and decision-making in both personal and business contexts. Originating from Benedetto Cotrugli's 15th-century writings and later popularized by Benjamin Franklin, the "Time is Money" concept underscores the financial and personal repercussions of time's effective or ineffective use. The TVM principle further illustrates how immediate financial value supersedes delayed monetary gains, shaping investment strategies and global economic frameworks. Within the realm of mental health, time is examined as a therapeutic resource in overcoming depression, where structured, gradual timelines support recovery. Time-limited knowledge assessments reveal the balance needed to test competency without inducing undue stress. Additionally, life and business decisions, such as career transitions and market entries, demonstrate that optimal timing can enhance positive outcomes. The research incorporates the 10Ps iterative research model, promoting a flexible, integrated approach for reassessing tasks to maximize time's value. This paper argues that effective time management and strategic timing are essential for achieving success and wellbeing, advocating for a deeper appreciation of time as a critical factor across financial, personal, and professional domains.

Keywords: Time Value of Money, Time Management, Strategic Timing, Financial Decision Making, Psychological Resilience, Educational Assessment, Iterative Research Model, Economic Efficiency, Personal Well-Being

JEL Codes: G11, G12, D01, D91, I31, I21, M10, B41

1. Introduction

Time is one of the most essential yet elusive resources in human life, influencing nearly every decision, from personal choices to global economic strategies. The notion that "Time is Money" has underscored the importance of using time effectively, originating in the 15th century with Croatian merchant Benedetto Cotrugli's *Della Mercatura et Del Mercante Perfetto* [1], and later popularized by Benjamin Franklin's 1748 declaration, "Remember that time is money [2]." This axiom not only highlights time's inherent value but equates its loss with a financial disadvantage, making it a guiding principle across various spheres of life.

In finance, the Time Value of Money (TVM) builds on this concept, positing that a dollar today holds more potential than

the same amount in the future due to its investment capabilities. Understanding TVM enables individuals and organizations to make informed financial decisions, balancing current needs against future growth opportunities. In personal contexts, timing also plays a key role in areas such as emotional well-being and resilience. Research in psychology, for example, suggests that giving oneself time to heal from trauma can promote better mental health, as gradual, timed recovery allows individuals to process emotions and develop coping mechanisms effectively [3].

In mental health, time plays a therapeutic role, supporting gradual healing for individuals recovering from emotional distress. Respecting time as an essential aspect of mental recovery fosters resilience and allows for the natural development of coping mechanisms [4]. Similarly, in educational settings, time constraints in testing serve to evaluate knowledge while challenging students

to retrieve information quickly. However, an optimal balance in timing supports accurate assessments without imposing excessive stress. Educational and testing environments further illustrate the role of time in assessing competence, where time-constrained exams evaluate knowledge application under pressure. While time limits challenge students to retrieve information quickly, research suggests that excessively tight constraints may induce anxiety, ultimately diminishing performance accuracy [5]. Additionally, the timing of major life and career decisions, such as entering new markets or making career transitions, affects outcomes by aligning readiness with external circumstances.

This paper aims to examine these diverse applications of time and timing through the interconnected lenses of finance, personal wellness, education, and strategic decisionmaking. Employing the 10Ps iterative research model, the study adopts a flexible, non-linear approach, allowing for continual revisitation and refinement of research tasks to optimize the integration of these themes [4]. Through an exploration of the principles underlying time's value across various domains, the paper seeks to illustrate the critical importance of time management and strategic timing as foundational elements of success, well-being, and financial prudence.

2. Literature Review

Time is an invaluable resource, often equated with money, wellness, and success in various life domains. This essay explores time's significance across multiple dimensions, including the time value of money, time's role in healing and overcoming depression, time constraints in educational assessments, and effective timing in personal and business decisions. It further discusses how the 10Ps research model offers an innovative, flexible approach for social research, stressing iterative processes for revisiting and refining tasks, in managing time more effectively [6].

3. The Concept of "Time is Money"

The phrase "Time is Money" underscores the intrinsic value of time, equating its loss to financial loss. This idea originated in the 15th century with Croatian merchant Benedetto Cotrugli in *Della Mercatura et Del Mercante Perfetto* and was later popularized by U.S. founding father Benjamin Franklin, who famously stated, "Remember that time is money" [2,7]. The principle resonates across business and academia, where time management directly influences outcomes. For example, a businessman missing a crucial meeting or a student failing to study on time illustrates how time impacts both financial and personal achievements [8]. Unlike money, which can often be recovered, time once lost is irretrievable, underscoring time's preciousness [9]. The *Time Value of Money* (TVM) builds on this principle, affirming that a dollar today is more valuable than one received in the future due to its earning potential [10]. This concept justifies prioritizing immediate returns over delayed ones, as compounded growth can alter future values significantly. This understanding is crucial in areas such as retirement planning and portfolio management, as well as in international finance, where global capital markets apply TVM principles to drive economic expansion [11,12]. Even

governmental finance departments, like the U.S. Treasury, use TVM to manage federal debt effectively [13].

3.1 Time as a Remedy for Depression

In mental health, time is often considered a natural remedy for emotional setbacks. Time allows individuals to process emotions, fostering psychological flexibility and resilience [3]. Research supports that over time, individuals can reframe negative experiences and develop coping mechanisms that enhance emotional regulation [9]. Structured timelines, such as setting gradual recovery goals, offer a respectful approach to mental well-being, acknowledging time's natural course in healing.

3.2 Time Constraints in Testing Knowledge

In educational assessments, time-limited tests evaluate not only knowledge but also the ability to apply it under pressure. Theories of cognitive load highlight that time constraints challenge students to prioritize critical information, promoting effective recall strategies [14]. However, excessive constraints may cause anxiety, impacting performance [5]. A balanced approach allows educators to measure genuine understanding, reducing stress while encouraging efficient information processing.

3.3 Timing in Life and Business Decisions

Timing is crucial in personal life decisions, such as marriage or retirement. Decisions made at the right time, considering factors like life stage and personal readiness, tend to yield better outcomes [15]. Studies in decision-making reveal that well-timed choices can prevent regret and enhance life satisfaction [16]. Timing is also essential in business, where strategic decisions around market entry, product launches, and investments can confer competitive advantages. For instance, market entry timing is vital to a company's success, as entering early in a growing market can result in substantial rewards [17].

4. Integrative Research Approach Using the 10Ps Model

Research is another area where time and timing are instrumental. The 10Ps research model by Saliya (2023a) advocates an iterative, flexible approach, enabling researchers to revisit and refine tasks [6]. Rather than a rigid sequence, this model encourages revisiting completed tasks as new insights emerge, fostering an adaptive and integrated research process [18,19]. This approach contrasts with traditional linear models, making it suitable for complex studies where initial hypotheses and methods may evolve.

4.1 Maximizing Efficiency and Wealth Across Industries

Time plays a critical role in aligning resources effectively to boost efficiency and profitability across diverse areas. Here's how timing impacts different fields:

- **Cultural Rituals:** Many rituals are anchored in specific times, aligning with cultural or religious calendars, such as holidays, harvest seasons, or prayer times. Observing these rituals on time fosters communal unity, individual spiritual well-being, and cultural continuity.
- **Sports:** Precise time management in sports, including training schedules, rest periods, and game strategies, enables athletes

to reach peak performance and reduce the risk of injuries. Additionally, it influences factors like sponsorship potential and market value, ultimately enhancing wealth within the sports industry.

- **Healthcare:** Timing in healthcare optimizes treatment effectiveness, as seen in scheduled medication doses. Efficient hospital operations, including minimizing patient wait times, improve patient care and lower costs, boosting productivity in the health sector.
- **Supply Chain Management:** Timely logistics help streamline storage costs, support Just-in-Time (JIT) inventory systems, reduce waste, and improve customer satisfaction, directly increasing profitability in supply chain operations.
- **Finance:** Timing in finance, through strategies like optimal market entry and exit and portfolio adjustments, maximizes returns, manages risk, and builds long-term wealth.

In all areas, effective time management maximizes resource utilization, efficiency, and profitability, ultimately paving the way to wealth and sustainable growth.

5. Conclusions

The principle "Time is Money" permeates various dimensions of life, underscoring the value of time as a crucial, non-renewable resource. From financial decisions to personal wellness, academic performance, and business success, time management and the concept of timing shape outcomes significantly. In finance, the Time Value of Money (TVM) demonstrates that the value of a dollar today exceeds its worth in the future due to potential earning capacity, emphasizing the strategic importance of timing in investments, debt management, and capital allocation. TVM principles serve not only as a foundation in personal and corporate finance but also extend to national and international economic policies where timing affects growth and debt sustainability.

Beyond finance, the impact of time on well-being is evident, particularly in mental health recovery. Allowing time for gradual healing is crucial for individuals facing emotional distress, as forced timelines can hinder genuine recovery. Effective time management in personal and academic spheres also holds significant potential for enhancing learning outcomes, reducing anxiety, and building resilience. The use of time-limited assessments, for instance, brings a balance between gauging knowledge and managing stress, ensuring that evaluations support rather than hinder educational goals. Timing is equally critical in business, where decisions on market entry, product launches, and strategic investments are highly influenced by external conditions and competitor actions. Poorly timed business decisions can lead to missed opportunities, whereas optimal timing can offer competitive advantages and sustainable growth. Similarly, in life decisions such as career transitions or family planning, timing aligned with readiness can improve life satisfaction and reduce regret.

In research methodology, the 10Ps model, particularly its iterative approach, reinforces the value of time and flexibility in the research process. This model enables researchers to revisit and refine their

work, aligning with the natural flow of research that evolves through stages of feedback, revision, and continuous improvement. Such an approach enhances the robustness and relevance of research findings by allowing adaptations to new information and perspectives, thereby embracing a comprehensive understanding of the research subject. In various industries, effective time management is a critical driver of efficiency, productivity, and profitability. In cultural rituals, timely observance reinforces communal ties, spiritual well-being, and cultural heritage. In sports, precise scheduling of training, rest, and strategies enhances athletes' performance, safeguarding their health while also increasing sponsorship and market value. In healthcare, timing optimizes treatment outcomes, streamlines operations, and minimizes costs, contributing to better patient care and resource efficiency. Within supply chains, timely logistics reduce storage costs and waste, while ensuring customer satisfaction and financial gains. Finally, in finance, timing strategies—such as optimal market entries, exits, and portfolio adjustments—mitigate risk and maximize returns, fostering long-term wealth creation.

Across all these fields, time is an invaluable asset that maximizes resource utilization, sharpens competitive edges, and boosts profitability, making it essential for sustainable growth and wealth creation. Strategic time management allows organizations and individuals to align resources efficiently, enabling the transition from operational efficiency to long-term success and resilience.

In sum, whether in the realms of finance, personal growth, business strategy, academic pursuits or boost efficiency and profitability across diverse areas time is a multifaceted asset whose proper use can drive success and resilience. The ongoing emphasis on time and timing across disciplines encourages individuals, businesses, and policymakers to acknowledge the irreplaceable nature of time, promoting strategic decision-making that balances immediate benefits with long-term gains. Future studies might expand on this by exploring how technology and evolving global dynamics further influence our understanding and management of time, thus deepening the practical and theoretical insights into time as an indispensable resource in modern life [20- 26].

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