

A Framework of the Effect of Human Capital Development on Employee Performance: The Mediating Role of Job Satisfaction in UAE Private Banks

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DOI: <https://dx.doi.org/10.47772/IJRISS.2026.1014MG0093>

Received: 13 April 2026; Accepted: 18 April 2026; Published: 08 May 2026

ABSTRACT

Human capital development plays a crucial role in enhancing employee performance, while job satisfaction serves as a key mediator in motivating employees to achieve high levels of workplace productivity. Despite its importance, the effect of human capital development within UAE private banks has not been thoroughly investigated. Thus, the aim of this paper is a framework that links the effect of human capital development on employee performance in the UAE banking sector, as well as the mediating effect of job satisfaction on this relationship. A review of the literature is conducted to understand these relationships and propose a framework to correlate them within HSBC Bank, Abu Dhabi Commercial Bank, and Emirates Islamic Bank. Quantitative methodology was applied to test the hypothesized relationships and validate the proposed conceptual framework. A questionnaire was administered to collect data from a sample of employees in the selected banks. Simple random sampling technique was applied in the survey procedure. SPSS and AMOS software were utilized to conduct data analysis in this study. The results showed that human capital development has a significant effect on employee performance. In addition, the results reveal that job satisfaction partially mediates this relationship. The outcome of this paper contributes to the theory of self-determination theory and provides novel evidence on the substantial role of human capital development in fostering workforce performance, especially with the interaction of intrinsic and extrinsic satisfaction factors. It is recommended based on the results that human capital development practices should be actively promoted in UAE private banks, as it has a direct and positive impact on employee performance. Leadership and HR development programs should focus on enhancing training, mentoring, and performance appraisal while strengthening both intrinsic and extrinsic job satisfaction. The implications of this research are the validated framework provides bank managers and policymakers with a useful guide for improving workforce performance in the private banking sector.

Keywords: Human Capital Development, Employee Performance, Job Satisfaction

INTRODUCTION

In recent years, there has been substantial research and discussion about the best human resource strategies for improving employee outcomes and meeting organizational goals in the banking sector (Challoumis & Eriotis, 2024; Lubis et al., 2024). Many studies have focused on human capital development and its dimensions, which have risen in favor among practitioners (Kelvin-Iloafu et al., 2023; Keltu, 2024). Human capital development emphasizes training, mentoring, and performance appraisal, making it an attractive option for banks looking to foster a positive work environment and increase employee satisfaction. This approach has been shown to lead to higher levels of employee engagement, productivity, and overall job performance, ultimately contributing to the long-term success of the organization. As more banks recognize the benefits of human capital development, its popularity continues to grow, with many institutions adopting its principles to drive organizational success.

Employee performance difficulties in UAE private banks are typically driven by rapid digital transformation, high competition, and skill gaps (Cherian et al., 2021; Alzahmi & Alshamsi, 2024). Thus, a lack of structured human capital development reduces employee retention and performance (Khassawneh & Abaker, 2022).

These issues are exacerbated by inadequate training, unclear career paths, and limited feedback mechanisms (Al Bastaki et al., 2021; Atmaja et al., 2023). Despite these efforts, organizations in the private banking sector have not fully resolved employee performance issues due to factors such as insufficient human capital development and a lack of interaction between development practices and employee satisfaction (Haak-Saheem & Festing, 2020). These issues have led to a decrease in employee morale and productivity within private banks.

This circumstance necessitates a better understanding of the influence of human capital development on employee performance aspects such as task, adaptive, and contextual performance. This would necessitate more participative workplaces, improved training and reward systems, and HR initiatives to motivate and develop teams. When employees are not developed through targeted training or mentoring, job performance suffers (Park & Park, 2019; Yoonhee et al., 2020). Human capital development focuses on employee skills, knowledge, and abilities, addressing gaps left by traditional HRM practices (Gadzali et al., 2023; Brodny & Tutak, 2024). Integrating human capital development with job satisfaction tactics such as recognition programs, professional development, and supportive work environments can improve employee performance by encouraging career and personal growth (Mira et al., 2019; Pratama & Lesmana, 2024). Furthermore, by fostering a culture of competence and autonomy, human capital development can create a positive work environment where employees feel valued and supported. Thus, the aim of this paper is a framework that links the effect of human capital development on employee performance in the UAE private banking workplace, as well as the mediating effect of job satisfaction on this relationship.

LITERATURE REVIEW

Human Capital Development

Human capital development has emerged as a strategic priority in modern banking institutions due to the increasing complexity of financial services, rapid technological advancements, and heightened global competition (Alzahmi & Alshamsi, 2024; Challoumis & Eriotis, 2024). Beyond the traditional understanding of training and skill enhancement, human capital development encompasses a comprehensive approach that includes continuous professional education, leadership development, digital literacy, and knowledge management systems (Kelvin-Iloafu et al., 2023; Brodny & Tutak, 2024). In the banking sector, where services are knowledge-intensive and customer-oriented, the quality of human capital directly determines service excellence and organizational sustainability (Gidado et al., 2023; Lubis et al., 2024).

Banks operate in a highly regulated and dynamic environment that requires employees to continuously update their competencies in areas such as risk management, financial analysis, compliance, and customer relationship management (Khassawneh & Abaker, 2022). Therefore, investment in human capital development ensures that employees remain competent in adapting to regulatory changes and technological innovations such as digital banking and financial technologies (Alzahmi & Alshamsi, 2024). Employees who are well-trained are better equipped to handle complex financial products, detect fraud, and provide tailored financial solutions to clients, which enhances customer trust and institutional credibility (Bekele et al., 2024; Atmaja et al., 2023).

Moreover, human capital development plays a critical role in fostering innovation within banks. Employees who are exposed to learning opportunities and professional development programs are more likely to generate creative ideas and contribute to process improvements (Gadzali et al., 2023). This is particularly important in the banking industry, where innovation in service delivery (e.g., mobile banking and online platforms) can significantly enhance competitive advantage (Cherian et al., 2021). In this context, human capital development acts as a catalyst for organizational transformation and long-term growth (Ogbaro et al., 2022).

Another important dimension is employee retention. Banks that invest in employee development create a supportive work environment that enhances job satisfaction and organizational commitment (Pratama & Lesmana, 2024). Employees who perceive opportunities for career advancement and personal growth are more likely to remain loyal to the organization, thereby reducing turnover costs and preserving institutional knowledge (Haak-Saheem & Festing, 2020). This is especially crucial in banking, where experienced employees possess valuable client relationships and tacit knowledge that are difficult to replace.

From a research perspective, human capital development is a key variable because it serves as a foundational driver that influences other organizational outcomes, including employee performance and job satisfaction (Alsafadi & Altahat, 2021; Keltu, 2024). It is often conceptualized as an independent variable that shapes behavioral and performance-related outcomes in empirical studies. Understanding its role helps researchers and practitioners design effective human resource strategies that align employee capabilities with organizational objectives. In summary, human capital development is essential in the banking industry because it enhances employee competencies, supports innovation, improves service quality, and strengthens organizational competitiveness. Its importance in research lies in its ability to explain variations in performance, satisfaction, and overall organizational effectiveness.

Employee Performance

Employee performance is one of the most critical indicators of organizational success, particularly in the banking sector, where service quality, accuracy, and efficiency are paramount (Bashar et al., 2024; Nwosu & Nneji, 2024). In a highly competitive and customer-driven industry, the performance of employees directly influences customer satisfaction, financial outcomes, and institutional reputation (Lubis et al., 2024). As such, employee performance is not only a measure of individual productivity but also a reflection of how well the organization utilizes its human resources to achieve strategic goals.

In the context of banking, employee performance can be evaluated across multiple dimensions, including task performance, contextual performance, and adaptive performance (Yoonhee et al., 2020). High-performing employees contribute to error reduction, faster service delivery, and improved customer experiences, all of which are essential for maintaining trust in financial institutions (Abdirahman et al., 2020; Darmawan et al., 2020). These performance dimensions have become increasingly important with the rise of digital banking and evolving customer expectations (Latifah et al., 2024). Furthermore, employee performance is closely linked to operational efficiency in banks. Employees who perform effectively help minimize operational risks, such as financial errors, fraud, and regulatory violations (Khasawneh & Abaker, 2022). Given the strict regulatory frameworks governing the banking industry, even minor mistakes can lead to significant financial penalties and reputational damage. Therefore, maintaining high levels of employee performance is essential for risk management and regulatory compliance (Challoumis & Eriotis, 2024).

Another key aspect is the relationship between employee performance and profitability. Banks rely heavily on their employees to generate revenue through activities such as loan processing, investment advisory, and customer relationship management (Bashar et al., 2024). High-performing employees are more likely to achieve sales targets, cross-sell financial products, and retain customers, thereby contributing directly to the bank's financial performance (Nwosu & Nneji, 2024). This highlights the strategic importance of employee performance as a determinant of both operational and financial success. From a research standpoint, employee performance is often treated as a dependent variable influenced by factors such as human capital development, job satisfaction, and organizational practices (Alsafadi & Altahat, 2021; Susanto et al., 2022). It is a central construct in organizational behavior and human resource management studies because it provides measurable outcomes that reflect the effectiveness of managerial strategies (Mira et al., 2019).

Additionally, the evolving nature of the banking industry—driven by digitalization and globalization—has increased the importance of adaptive performance (Alzahmi & Alshamsi, 2024). Employees are now required to continuously learn new technologies and adapt to digital platforms, making performance a dynamic construct that evolves with industry demands.

In conclusion, employee performance is a vital variable in banking research because it directly impacts service quality, operational efficiency, risk management, and profitability. Studying this variable provides valuable insights into how organizations can optimize their workforce to achieve sustainable competitive advantage.

Job Satisfaction

Job satisfaction is a fundamental concept in organizational research, particularly in service-oriented industries such as banking, where employee attitudes significantly influence customer experiences and organizational

outcomes (Zanabazar et al., 2024; Pinnington et al., 2024). It reflects the extent to which employees feel fulfilled, valued, and motivated in their roles, encompassing both intrinsic and extrinsic factors such as personal growth, compensation, and work conditions (Beuren et al., 2022; Indrayani et al., 2024).

In the banking sector, job satisfaction is especially important because employees frequently interact with customers and play a key role in delivering financial services (Islam et al., 2022). Satisfied employees are more likely to exhibit positive behaviors, such as professionalism and responsiveness, which enhance customer satisfaction and loyalty (Katebi et al., 2022). Conversely, dissatisfied employees may negatively affect service quality and organizational reputation. One of the primary reasons job satisfaction is critical in banking research is its strong relationship with employee performance. Numerous studies have shown that satisfied employees tend to be more productive, committed, and engaged in their work (Riyanto et al., 2021; Othman et al., 2022). They are also more willing to go beyond their formal job responsibilities, contributing to improved organizational performance (Susanto et al., 2022). This relationship makes job satisfaction an essential mediating or independent variable in many empirical studies (Pratama & Lesmana, 2024).

Additionally, job satisfaction plays a significant role in reducing employee turnover. The banking industry often requires specialized skills, and replacing experienced employees can be costly (Haak-Saheem & Festing, 2020). High levels of job satisfaction contribute to employee retention by fostering commitment and organizational loyalty (Paais & Pattiruhu, 2020). Another important aspect is the impact of job satisfaction on employee well-being. Banking jobs can be demanding due to high workloads and performance pressures (Hadi et al., 2024). Ensuring employee satisfaction helps reduce stress and burnout, which in turn enhances productivity and reduces absenteeism (Islam et al., 2022).

From a research perspective, job satisfaction is a key variable because it provides insights into employee attitudes and their effects on organizational outcomes (Katebi et al., 2022). It is often examined as both an independent and mediating variable linking human capital development to employee performance (Pratama & Lesmana, 2024). Moreover, in the era of digital banking and remote work, job satisfaction has gained additional importance due to changing work environments and technological demands (Alzahmi & Alshamsi, 2024). Organizations must continuously monitor and improve satisfaction levels to maintain employee engagement and performance. In summary, job satisfaction is a vital variable in banking research because it influences employee performance, retention, well-being, and customer satisfaction. Its role in shaping employee attitudes makes it essential for understanding organizational effectiveness and sustainability.

The Conceptual Framework

The literature review shows that human capital development plays a crucial role in fostering employee performance. As reported in the previous studies, this approach emphasizes the bank's commitment to enhancing employee skills and prioritizing their growth. By focusing on the development of employees, banks create a positive work environment that encourages productivity and engagement. This approach also cultivates a sense of trust and respect, which further enhances employee performance and job satisfaction. Previous studies on human capital development have largely focused on other sectors, with limited research on its impact within UAE private banks. Existing studies in the UAE context do not directly assess the effect of human capital development on employee performance in private banks, nor do they integrate job satisfaction as a mediator. This study contributes by providing empirical insights into human capital development's role in UAE private banks, bridging gaps in regional research, offering practical recommendations for HR development.

The integration of human capital development, job satisfaction, and employee performance into one conceptual framework is a novel academic work that supports banks to achieve success (Mira et al., 2019; Pratama & Lesmana, 2024). This study proposes a framework that is developed in accordance with theoretical and empirical background. The framework as shown in Figure 1 correlates an independent variable (human capital development), a mediator (job satisfaction), and a dependent variable (employee performance). By examining the relationships between these three variables, private banks in the UAE can gain a better understanding of how they are interconnected and how they can influence one another. The framework provided in this study offers a comprehensive guide for HR managers to effectively develop their employees

through structured practices, ultimately leading to improved job performance. Hence, implementing this framework, private banks can create a positive work environment that fosters employee growth and success, ultimately contributing to the overall success of the organization.

Self-Determination Theory posits that individuals are more likely to be intrinsically motivated and perform effectively when their basic psychological needs for autonomy, competence, and relatedness are fulfilled. By integrating this theory, this study can develop a framework that highlights the importance of human capital development in creating a positive work environment that fosters job satisfaction and ultimately leads to improved employee performance. Hence, this study will validate a framework for human capital development's role in fostering employee performance and job satisfaction in UAE private banks as shown in Figure 1.

Overall, the research intends to make important contributions to both academic literature and practical applications in the banking industry. By applying human capital development theories to the banking sector and experimentally confirming work satisfaction as a significant mediator, this research provides new insights and policy suggestions for improving employee performance. The results will not only fill theoretical gaps, but will also offer financial institutions with the tools they need to boost their human capital development programs, therefore improving their competitive advantage in the dynamic banking market. Based on the previous arguments, the concepts of job satisfaction, human capital development, and employee performance are fit together into a conceptual framework as shown in Figure 2.1. This proposed framework should explain why human capital development (independent variables) has an effect on employee performance (dependent variable) through the mediating influence of job satisfaction (mediating variable).



Figure 1. The proposed framework in the banking industry

METHODOLOGY

A review of the literature is conducted to understand these relationships and proposing a framework to correlate them to understand their role in UAE private banks. Quantitative methodology was applied to test the hypothesized relationships and validate the proposed conceptual framework. questionnaire was administered to collect data from a sample of employees in the selected banks (HSBC Bank, Abu Dhabi Commercial Bank, and Emirates Islamic Bank). Simple random sampling technique was applied in the survey procedure. SPSS and AMOS software was utilized to conduct data analysis in this study. SEM is the principal data analysis approach. The researcher has distributed questionnaires to a sample of respondents consists of 400 employees working in the three private banks. Out of the 400 questionnaires distributed to the study sample, 394 valid questionnaires have been considered for the analysis. This implies a response rate of 98.50%.

While the study employs a structured quantitative approach using validated instruments and SEM analysis, it relies solely on self-report questionnaires, which may introduce response bias, including social desirability bias. Additionally, the sample is limited to three private banks in the UAE, which may restrict the generalizability of the results to other banking contexts, such as public sector banks or those in different countries.

RESULTS AND DISCUSSIONS

The demographic profiles as shown in Table 1 reveals that male respondents constituted the majority of the sample (64.5%), while females accounted for 35.5%. Regarding age, most respondents fell within the 30–39 years category (49.7%), followed by those aged 40–49 years (26.1%). With respect to academic qualifications, nearly half of the respondents held a bachelor’s degree (49.2%), while a considerable proportion possessed a master’s degree (39.8%). In terms of work experience, the majority of respondents reported between 10 and 15 years of experience (36.5%). Overall, the demographic profile demonstrates that the sample consists of mature, well-educated, and experienced employees in the banking sector. These characteristics provide a strong foundation for the subsequent SEM analysis.

Table 1: The demographic profile

Demographics	Category	Frequency	Percentage (%)
Gender	Male	254	64.5
	Female	140	35.5
Age	20–29 years	68	17.3
	30–39 years	196	49.7
	40–49 years	103	26.1
	50–59 years	22	5.6
	Older than 60	5	1.3
Academic Qualification	Bachelor	194	49.2
	Master	157	39.8
	PhD	43	10.9
Work Experience	1–5 years	72	18.3
	5–10 years	112	28.4
	10–15 years	144	36.5
	More than 15 years	66	16.8

The framework analysis evaluates the weight and magnitude of the relationships between the constructs (i.e., human capital development, job satisfaction, employee performance). The results of the structural analysis provide comprehensive evidence that the validated framework effectively addresses the research questions outlined at the outset of the study. By employing SEM, the study rigorously evaluated the relationships between human capital development, job satisfaction, and employee performance within UAE private banks. The fit indices achieved all fall within or exceed the recommended thresholds for a well-fitting SEM model. These metrics collectively demonstrate that the proposed structural framework not only fits the empirical data exceptionally well but also substantiates the hypothesized relationships among the constructs.

As shown in Figure 2. The evaluation of path analysis result reports that all fit-indices are compatible with the cut-off points for SEM standards. Starting with PCLOSE = 1.00 (perfect non-significant), while RMSEA = 0.029 (≤ 0.08) which reflects a high degree of model-fit.

Moreover, CMIN/DF = 1.329 (≤ 3.00), CFI = 0.978 (≥ 0.80), TLI = 0.976 (≥ 0.80), the typical range for TLI and CFI lies between zero and one, whereas TLI and CFI values close to 1 indicate a very good model fit (Bentler & Bonett, 1980; McDonald and Marsh, 1990). These are the standard fit-indices in SEM standards that should be used to assess the validity of a theoretical model with an empirical data. These magnitudes are typical and shows that hypothesized framework in theory is valid and fit the empirical data, so that modeling human capital development with employee performance through the partial mediating influence of job satisfaction is theoretically hypothesized and proposed as a novel framework, then empirically validated through a series of data analysis of fit-indices. The results of the empirical validation provide strong support for the model's effectiveness in explaining the factors that influence employee performance. The findings not only confirm the theoretical proposition but also highlight the practical implications of implementing the proposed framework in the banks in UAE.

The validated framework demonstrates that human capital development plays a fundamental role in enhancing employee performance within the banking sector. It shows that job satisfaction acts as a key mechanism

through which development initiatives translate into improved employee outcomes. The framework also confirms the interconnected nature of organizational practices and employee attitudes in driving productivity and efficiency. Overall, it provides empirical evidence that investing in employee development and satisfaction leads to sustainable performance and competitive advantage in banking institutions.

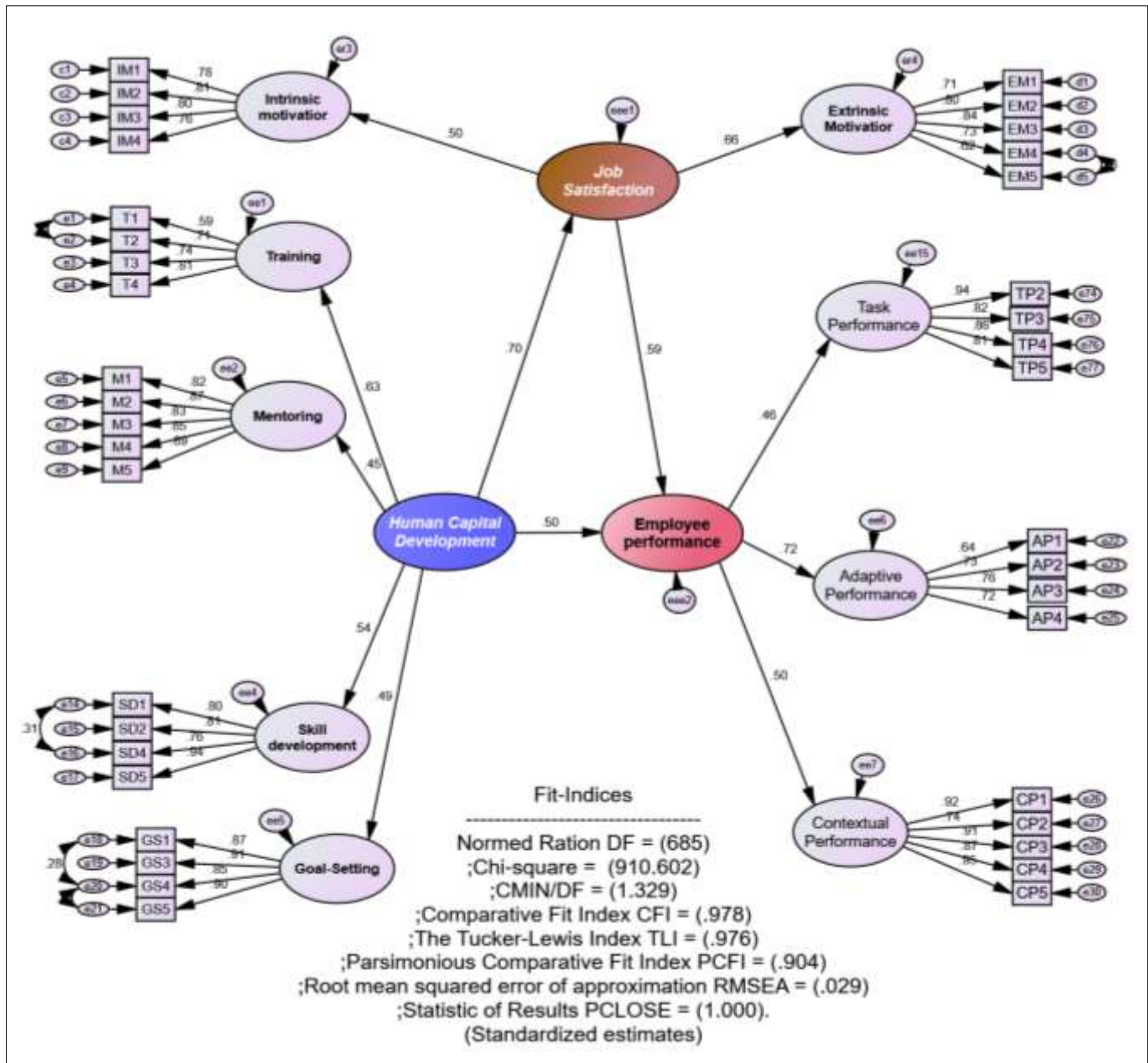


Figure 2. The proposed framework output

The reliance on questionnaire-based data collection presents the potential for response bias, as participants may provide socially desirable answers regarding their job satisfaction and performance. Although efforts were made to ensure anonymity and encourage honest responses, this inherent limitation should be considered when interpreting the results. Furthermore, the focus on a limited number of UAE private banks may constrain the applicability of findings to other banking environments.

CONCLUSIONS

This paper concludes that the proposed structural framework linking human capital development, job satisfaction, and employee performance demonstrates a strong theoretical and empirical foundation. The SEM results confirm that the model fits the empirical data well, as all goodness-of-fit indices met or exceeded the recommended thresholds. The findings provide empirical evidence that human capital development has a

significant influence on employee performance, both directly and indirectly through the partial mediating role of job satisfaction. This confirms the theoretical proposition that development practices rooted in training, mentoring, and appraisal enhance employees' satisfaction levels, which in turn contribute to higher performance outcomes. The confirmation of partial mediation indicates that while human capital development independently improves performance, its effectiveness is further strengthened when job satisfaction is actively fostered.

From a practical perspective, the validated framework offers valuable guidance for UAE private banks in addressing persistent employee performance challenges. The results suggest that HR development initiatives grounded in human capital development principles can play a pivotal role in enhancing satisfaction and improving performance-related outcomes such as task efficiency, adaptability, and customer service. Moreover, acknowledging the mediating role of job satisfaction enables decision-makers to design integrated human resource strategies that simultaneously strengthen development practices and cultivate a satisfying work environment. Overall, this study contributes to the existing body of knowledge by empirically validating a novel framework within the private banking context. It highlights the strategic importance of human capital development and job satisfaction as key drivers of employee performance and provides a practical roadmap for bank managers and policymakers seeking to build a more engaged, resilient, and high-performing workforce.

Future studies could adopt a mixed-methods approach by integrating qualitative methods, such as interviews or focus groups, to gain deeper insights into the nuances of employee experiences and organizational dynamics. Expanding the sample to include public sector banks and institutions from different regions or countries would also enhance the generalizability and robustness of the findings. Taken together, these enhancements would contribute to a more comprehensive understanding of the factors influencing employee performance in the banking sector.

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