

Total Quality Management Practices and Service Delivery in the Hospitality Industry: Evidence From Selected Hotels in Awka Metropolis, Anambra State

Ezeanokwasa Francisca Nkiruka

Department of Business Administration, Tansian University Umunya, Anambra State,
francaeze@gmail.com

Ezenwuba Paul Chukwujekwu

Department of Business Administration, Chukwuemeka Odumegwu Ojukwu
University, Igbariam, Anambra State, , paulymex2012@gmail.com

Ezichi-Obasi, Judith

Department of Business Management, Abia State University, Abia State,
Ezichi.judith@abiastateuniversity.edu.ng

Abstract: This study investigates the influence of Total Quality Management (TQM) practices on service delivery, with a specific focus on customer loyalty in selected hotels within Awka Metropolis, Anambra State, Nigeria. Data were collected from 127 respondents and analyzed using the Ordinary Least Squares (OLS) regression technique. Key TQM variables examined include employee training, customer feedback mechanisms, process improvement initiatives, communication of quality goals to staff, supplier quality management, and performance measurement systems. The model's R^2 value of 0.776 indicates that approximately 77.6% of the variance in customer loyalty can be explained by the independent variables. The findings highlight the crucial role of effective communication, employee training, and the implementation of robust performance measurement systems in enhancing customer loyalty. The study recommends that hotel managers invest in comprehensive employee training programs to ensure that staff possess the skills and knowledge necessary to deliver exceptional customer service. Moreover, establishing clear channels for communication regarding quality goals can significantly enhance employee engagement and motivation, resulting in improved customer experiences among others.

Key Words: Employee Training, Customer Feedback Mechanisms, Process Improvement Initiatives, Communication of Quality Goals to Staff, Supplier Quality Management, Performance Measurement Systems, Customer Loyalty



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1. INTRODUCTION

Total Quality Management (TQM) is a comprehensive management approach that focuses on continuous improvement, customer satisfaction, and the effective involvement of all employees in an organization (Deming, 1986). Over the last few decades, TQM has gained widespread recognition, particularly in the service industry, where customer experience and service delivery are paramount. The hospitality industry, a significant player in the global economy, represents one of the sectors where TQM principles can be effectively applied to enhance service quality and customer loyalty (Bhat & Kaur, 2016). With reference to Awka Metropolis, Anambra State, hotels must adapt TQM practices to meet the evolving expectations of guests and maintain competitive advantage in an increasingly challenging market. Historical developments in TQM practices trace back to the quality revolution of the 1980s, notably through the works of pioneers such as W. Edwards Deming, Joseph Juran, and Philip Crosby. Their methodologies emphasized the importance of quality at every organizational level and advocated for customer-centric approaches (Shahin & Zairi, 2007; Ilechukwu, Jacobs & Okeke, 2023; Jacobs, 2019). Fundamental characteristics of TQM include a strong focus on customer needs, systematic process improvements, employee involvement and empowerment, and a commitment to long-term quality objectives. The hospitality industry, identifiable through its diverse services and the need for exceptional customer interactions, aligns well with TQM principles, as it requires consistent delivery of high-quality service experiences (Kwortnik & Thompson, 2009).

The focus of this study is to explore the relationship between TQM practices and customer loyalty within the hospitality sector, with particular emphasis on how employee training, customer feedback mechanisms, process improvement initiatives, communication of quality goals, supplier quality management, and performance measurement systems influence service delivery and customer loyalty. The area of study showcases a growing hospitality sector that caters to diverse clientele, ranging from business travellers to tourists. However, despite the increasing number of hotels and service providers, many establishments struggle with maintaining high levels of customer loyalty and satisfaction. This challenge raises latent problems that necessitate a thorough investigation into how TQM practices can ameliorate service delivery within this context. Employee training, customer feedback mechanisms, and performance measurement systems - play critical roles in shaping customer loyalty. Employee training enhances service delivery by equipping staff with the necessary skills to meet and anticipate customer expectations (Heskett et al., 1994; Akajiofor, Arinze & Jacobs, 2023). Effective customer feedback mechanisms allow organizations to gain insights into customer perceptions, enabling timely responses and service improvements (Chang & Wu, 2012; Jacobs, Ezeokafor & Ekwere, 2021). Furthermore, robust performance measurement systems facilitate the assessment of service quality, ensuring alignment with customer needs and fostering a culture of accountability. However, gaps remain in the understanding of how these TQM practices interact to influence customer loyalty specifically within the hospitality industry. Addressing these gaps will not only enhance theoretical insights but also provide practical recommendations for hotel management practices (Anetoh, Otite, Okoro, Ajakpo, Obiezekwem & Oranye, 2025; Anetoh, Emmanuel, Okeke, Ogbunuju, Oranye & Eboh, 2022).

Stakeholders including hotel management, employees, and local government have made efforts to address the pressing issues surrounding service delivery through various initiatives. Management in several hotels has invested in training programs and performance evaluation tools; however, the implementation has often been inconsistent, leading to suboptimal results (Baker & McCarty, 2016; Jacobs, Ezeokafor & Ekwere, 2021). For instance, while certain hotels have initiated regular training sessions, the outcomes have been hindered by inadequate follow-up and evaluation, leading to disconnection between training investments and actual service delivery improvements. Similarly, although customer feedback systems have been established, the lack of systematic

analysis and application of feedback has resulted in missed opportunities for enhancement (Ladhari, 2009; Atueyi, Nkechukwu & Jacobs, 2019; Jacobs, 2022; (Anetoh, Ajakpo, Chendo, Oranye & Akim, 2025; Anetoh, Chinweze, Obiezekwem, Oranye, Okoro & Oranu, 2025). Consequently, these stakeholders face challenges in effectively leveraging their TQM initiatives to boost customer loyalty. The need to address these latent problems is further necessitated by the rapid global changes in consumer preferences and behaviours. The successful establishment of TQM practices has implications not just for immediate improvements in service delivery, but also for long-term brand loyalty and competitive positioning (Meyer & Schwager, 2007). By effectively managing service quality and addressing customer concerns, hotels can foster stronger emotional connections with guests, subsequently leading to sustained customer loyalty (Pine & Gilmore, 1998). Furthermore, solutions informed by empirical evidence gathered through rigorous investigation can lead to enhanced operational efficiency, cost reduction, and increased profitability for hospitality businesses in Awka Metropolis. Recognizing the critical role of TQM practices in the hospitality industry presents an opportunity to fill the existing research and operational gaps within hotels.

Statement of the Problem

The hospitality industry faces significant challenges in enhancing customer loyalty and service delivery amidst increasing competition and rapidly evolving consumer expectations. Despite the recognized importance of Total Quality Management (TQM) practices in improving service quality, many hotels particularly in Awka have yet to implement these principles effectively. This inadequacy calls for urgent empirical investigation, as persistent deficiencies in TQM practices - such as employee training, customer feedback mechanisms, and performance measurement systems - fail to meet the high expectations of guests (Kumar, 2021). For instance, a survey conducted by Hotel Management Magazine (2022) revealed that 65% of hospitality businesses in Nigeria struggle with customer retention, primarily due to inadequate quality service delivery and failure to address customer needs proactively. The existing literature corroborates these findings, noting that effective employee training programs and systematic customer feedback mechanisms are critical for fostering loyalty (González et al., 2020). Without addressing these gaps, hotels not only jeopardize their current operations but also risk undermining long-term customer relationships in a sector where loyalty is paramount (Kwortnik & Thompson, 2009).

Despite previous research advocating for the integration of TQM in the hospitality sector, many organizations still face significant impediments to enhancing customer loyalty through effective service quality improvements (Gul & Khan, 2019). Efforts by scholars such as Zokaei and Aghdasi (2019) have revealed the necessity of TQM training programs, yet empirical evidence illustrates that many hotels do not grasp the full impact of such practices on customer loyalty. Moreover, while customer feedback initiatives have been outlined as mechanisms to enhance service quality, a lack of rigorous follow-up and action has persisted, diminishing their efficacy (Ladhari, 2009; Jacobs & Arinze, 2021; (Anetoh, Chendo, Ajakpo & Oranye & Akim, 2025; Oranye & Nwachukwu, 2025; Nwachukwu & Oranye, 2025). Failure to implement and optimize these TQM practices not only perpetuates low customer satisfaction but can also result in increased customer churn, where dissatisfied guests turn to competitors offering superior service experiences (Zeithaml et al., 2021). Consequently, if this research is not carried out, the opportunity to uncover actionable insights that can lead to improved service delivery and foster customer loyalty will be lost. Such insights are critical, primarily as the hospitality sector continues to face disruptions from the COVID-19 pandemic and shifts in customer behaviour (Baker & McCarty, 2021). Therefore, this study aims to fill the existing gaps in the literature and provide empirical evidence on how TQM practices can effectively enhance customer loyalty in hotels within Awka Metropolis.

Objectives of the Study

- I. The main objective of the study is to examine total quality management practices and service delivery in selected hotels in Awka Metropolis, Anambra State. The specific objectives are to:
- II. Ascertain the effect of **employee training** on **customer loyalty** in selected hotels in Awka Metropolis, Anambra State.
- III. Determine the effect of **customer feedback mechanisms** on **customer loyalty** in selected hotels in Awka Metropolis, Anambra State.
- IV. Examine the effect of **process improvement initiatives** on **customer loyalty** in selected hotels in Awka Metropolis, Anambra State.
- V. Ascertain the effect of communication of quality goals to staff on **customer loyalty** in selected hotels in Awka Metropolis, Anambra State.
- VI. Determine the effect of **supplier quality management** on **customer loyalty** in selected hotels in Awka Metropolis, Anambra State.
- VII. Examine the effect of **performance measurement systems** on **customer loyalty** in selected hotels in Awka Metropolis, Anambra State.

2. LITERATURE REVIEW

Employee Training

Employee training is a crucial component of Total Quality Management (TQM) that significantly impacts service quality in the hospitality industry. Numerous studies have established a positive correlation between effective training programs and improved service delivery outcomes. For instance, Ladhari (2009) emphasizes that well-trained employees are better equipped to meet customer expectations, leading to increased satisfaction and loyalty. Training enhances employees' skills, knowledge, and attitudes, enabling them to deliver exceptional services consistently. It cultivates an environment where employees feel confident in their abilities, which translates to better service interactions with customers (Kwortnik & Thompson, 2009). This creates a more engaged workforce that is aligned with organizational goals, ultimately driving customer loyalty in competitive hospitality markets. Moreover, the impact of training programs on employee engagement and motivation has been well-documented. According to Kang and James (2021), comprehensive training initiatives contribute to higher levels of employee satisfaction, which corresponds to improved service quality and customer retention. The authors argue that employee engagement acts as a mediator between training and service quality outcomes. In a highly competitive field such as hospitality, retaining skilled and motivated employees is critical to reducing turnover, which can be costly and disruptive to service delivery (Ho & Mottiar, 2011). Training not only builds skills but also fosters emotional commitment among staff, encouraging them to take ownership of their roles in enhancing customer satisfaction.

Despite the evident benefits of employee training, many hospitality establishments in Awka Metropolis still fail to implement structured training programs that can yield measurable results. A study by Namasasu et al. (2020) highlighted that a large percentage of hotels lack systematic training frameworks, resulting in inconsistencies in service quality. This deficit leads to a cycle of poor customer experiences, declining loyalty, and increased competition from better-trained competitors. For hotels in Awka to leverage employee training as a driver of customer loyalty, a concerted effort to develop, implement, and evaluate training initiatives is essential. Addressing this issue would require commitment from management to allocate resources toward effective training strategies that promote both employee and customer satisfaction.

Customer Feedback Mechanisms

Customer feedback mechanisms are essential in the hospitality industry as they offer valuable insights into guest perceptions and preferences. Effective feedback systems enable hotels to identify areas of improvement and enhance service quality, contributing to greater customer loyalty (Deng & Pei, 2019). The ability to gather, analyze, and act on customer feedback is increasingly recognized as a competitive advantage. According to a study by Paswan and Ganesh (2018), organizations that actively solicit and respond to customer feedback are more adept at tailoring their services to meet client expectations. This proactive approach not only enhances guest satisfaction but ultimately builds stronger emotional connections that lead to loyalty.

Moreover, the manner in which feedback is collected significantly influences its effectiveness. Digital tools, such as online surveys and social media platforms, have transformed how organizations gather customer input. A study by Zhang et al. (2020) called attention to the importance of digital feedback channels, demonstrating that guests are more likely to share their experiences when prompted through easily accessible platforms. The implications of this are profound: hotels can engage with customers in real-time, allowing for quicker resolution of issues and personalized service enhancements. As technology continues to evolve, integrating sophisticated analysis tools with traditional methods will become essential for understanding customer sentiment in a more nuanced manner.

Despite these benefits, many hotels, particularly in developing regions like Awka Metropolis, struggle to implement effective customer feedback systems. Research by Onwuka et al. (2021) shows that a significant number of hotels lack the necessary infrastructure or processes to gather and utilize customer feedback effectively. This inadequacy not only stalls service improvement efforts but also diminishes customer loyalty over time. If these establishments do not prioritize the development of effective feedback mechanisms, they risk losing valuable insights that could shape their service offerings. Addressing this gap is critical, as organizations that learn from their customers are more likely to foster loyalty and achieve long-term success in the competitive hospitality landscape.

Performance Measurement Systems

Performance measurement systems are integral to the successful application of TQM principles within the hospitality sector. These systems allow hotels to assess both their service quality and operational efficiency, providing benchmarks for improvement (Mehta et al., 2019). According to a study by Klemencic and Kovač (2020), effective performance measurement correlates strongly with enhanced service quality, as it not only identifies deficiencies but also tracks progress over time. By utilizing key performance indicators (KPIs) related to service delivery, hotels can implement data-driven strategies to refine their processes and enhance customer experiences, ultimately leading to greater loyalty. The role of performance measurement extends beyond mere assessment; it encourages a culture of continuous improvement within hospitality establishments. Research by Ahn et al. (2021) underscores that organizations that actively monitor and review their performance metrics tend to foster a mindset geared towards innovation and flexibility. For hospitality managers, an agile approach to performance management is vital in a landscape characterized by rapid consumer shifts and competitive pressures. Establishments that implement robust performance metrics not only streamline their operations but also empower employees to take ownership of their contribution to customer satisfaction and service excellence.

However, many hotels in Awka Metropolis demonstrate a lack of coherent performance measurement strategies, which significantly hampers their ability to improve service quality (Ene et al., 2020). The absence of systematic performance evaluations means that weaknesses may remain unaddressed, leading to stagnant service provision and customer dissatisfaction. If this gap remains unfilled, hotels will be unable to adapt to changing customer preferences or leverage their

operational strengths effectively, ultimately jeopardizing their market position. It is imperative for hospitality managers in Awka to adopt sophisticated performance measurement systems, aligning their operations with customer expectations to foster loyalty, enhance competitiveness, and drive overall success in the sector.

3. THEORETICAL FRAMEWORK

The theoretical framework for this study is primarily based on the Total Quality Management (TQM) theory, significantly influenced by the works of Deming (1986) and Juran (1999). TQM is a management philosophy that utilizes a comprehensive set of principles and practices to enhance organizational performance primarily through the continuous improvement of products, services, and processes. One of Deming's notable contributions to the theory is the "Plan-Do-Check-Act" (PDCA) cycle, which emphasizes a systematic approach to problem-solving and process improvement (Deming, 1986). Juran highlighted the importance of quality management as a means to ensure customer satisfaction by advocating for the quality trilogy, which comprises planning, control, and improvement (Juran, 1999). These foundational elements of TQM provide a robust framework for analyzing how employee training, customer feedback mechanisms, and performance measurement systems can work in synergy to enhance customer loyalty within the hospitality sector.

A key assumption of TQM is that the active involvement of all employees, from management to frontline staff, is crucial for sustained quality improvements. This collective responsibility creates an organizational culture that prioritizes customer needs and seeks continuous enhancement of service quality (Oakland, 2003). Furthermore, TQM posits that customer satisfaction is inherently linked to employee satisfaction. When employees are adequately trained and engaged, their performance improves, which positively impacts the overall customer experience (Tzeng et al., 2019). By embracing these assumptions, hospitality businesses can develop a holistic approach to TQM that aligns with their strategic goals and customer expectations.

In the context of this study, TQM serves as an appropriate theoretical framework through which to explore the interrelationships among employee training, customer feedback mechanisms, and performance measurement systems in fostering customer loyalty. The application of TQM principles showcases the significance of a structured approach to quality management in the hospitality sector, where service quality remains a key differentiator in a competitive market. This framework supports an empirical investigation into how comprehensive training programs can equip employees to deliver outstanding service, how customer feedback can drive service improvements, and how performance metrics can be utilized to identify areas for enhancement (González et al., 2020). By examining these variables through the TQM framework, this study aims to provide informed suggestions into effective strategies that can enhance customer loyalty in hotels within Awka Metropolis.

4. METHODOLOGY

Research Design

This study will employ a descriptive correlational research design to investigate the relationships between employee training, customer feedback mechanisms, performance measurement systems, and customer loyalty within the hotel sector in Awka Metropolis. A descriptive correlational design is appropriate as it allows for the assessment of existing relationships among variables without manipulating them, thus providing insights into how these factors collectively influence customer loyalty (Creswell & Creswell, 2017).

Area of Study

The area of study is Awka Metropolis, a key urban center in Anambra State, Nigeria, it hosts the State Capital of the state and comprising various neighbourhoods, including Amawbia, Ifite-

Akwa, Ezinato, Ishiagu, Mbaukwu, Nibo, Nise, Okpuno, Umuawulu, and the Awka city center. This area is characterized by a vibrant hospitality industry, with numerous hotels and service providers catering to both local and international guests. Focusing on this area will allow for an in-depth analysis of how local hotels implement TQM practices and how these practices influence customer loyalty.

Population of the Study

The target population for this study comprises general managers, managers, supervisors and management staff of hotels within Awka Metropolis. Based on records from Ministry of Commerce, Industry and tourism there are about 191 functional hotels in Awka Metropolis.

Sample Size

To calculate the sample size, Taro Yamane formula was applied to calculate the required number of participants. With a confidence level of 95% and a margin of error of 5%, the sample size (n) can be calculated as:

$$n = \frac{N}{1+N(e)^2}$$

Where: n = sample size
 N = population
 e = Margin of error (5% or 0.05)
 I = Constant

Substituting in the above formula:

$$\begin{aligned} n &= \frac{191}{1+191(0.05)^2} \\ &= \frac{191}{1+191(0.0025)} \\ &= \frac{191}{1.5} \\ &= 127.33 \\ &= 127 \end{aligned}$$

Data Collection

Data collection will be conducted using primary data sources. Primary data will be gathered through structured questionnaires distributed to management of selected hotels. The structured questionnaire will be designed to capture respondents' perceptions of employee training, customer feedback mechanisms, performance measurement systems, and their effects on customer loyalty.

Data Collection Instrument

The primary instrument for data collection is a self-administered questionnaire, which consist of closed-ended and Likert scale questions. The questionnaire was structured into sections corresponding to the independent variables (employee training, customer feedback mechanisms, and performance measurement systems) and the dependent variable (customer loyalty). Prior to distribution, the questionnaire undergo a pilot test to ensure clarity, reliability, and validity, with any necessary adjustments implemented based on feedback received.

Method of Data Analysis

The collected data were analyzed quantitatively using Statistical Package for the Social Sciences (SPSS) software version 25. Descriptive statistics, such as frequencies, means, and standard deviations, were employed to summarize the demographic characteristics of respondents and their responses. Inferential statistics, including multiple regression analysis, was utilized to evaluate the relationships among the variables and ascertain the extent to which employee training, customer feedback mechanisms, and performance measurement systems predict customer loyalty.

5. PRESENTATION OF EMPERICAL RESULTS

Demographic Profile of Respondents

Table 1: Gender Distribution of Respondents

Gender	Frequency	Percentage (%)
Male	75	59.1
Female	52	40.9
Total	127	100.0

Source: Field Survey, 2024

The gender distribution reveals a higher proportion of male respondents, accounting for 59.1% of the total sample. This trend may reflect traditional gender roles within management positions in the hospitality industry, suggesting that male dominance continues to characterize this sector in Awka Metropolis.

Table 2: Job Position of Respondents

Job Position	Frequency	Percentage (%)
General Manager	30	23.6
Operations Manager	35	27.6
Supervisor	40	31.5
Management Staff	22	17.3
Total	127	100.0

Source: Field Survey, 2024

The job position distribution indicates that supervisors (31.5%) represent the largest group among the respondents, followed by operations managers (27.6%) and general managers (23.6%). This distribution signifies a well-rounded representation from different management tiers, emphasizing the operational perspectives necessary for assessing TQM influences in hotels.

Table 3: Educational Qualification of Respondents

Educational Qualification	Frequency	Percentage (%)
Bachelor's Degree	73	57.5
Postgraduate Degree	20	15.7
Others	34	26.8
Total	127	100.0

Source: Field Survey, 2024

The educational qualifications reveal that a majority (57.5%) of respondents hold a Bachelor's degree, indicating a standard level of education among hotel management staff. The category labeled "Others" (26.8%) includes various qualifications such as diplomas or certifications, while postgraduate degrees remain the least represented at 15.7%. This educational landscape highlights the foundation of theoretical knowledge that respondents bring to their managerial roles and underscores the potential for implementing TQM practices based on their educational experiences.

Table 4: Years of Experience in Hospitality

Years of Experience	Frequency	Percentage (%)
Less than 5 years	30	23.6
5 - 10 years	45	35.4
11 - 15 years	35	27.6
16 years and above	17	13.4
Total	127	100.0

Source: Field Survey, 2024

The experience distribution indicates that the majority of respondents have between 5 to 10 years of experience (35.4%) in the hospitality industry, followed closely by those with 11 to 15 years (27.6%). A significant proportion of respondents (23.6%) are relatively new to the sector with less than 5 years of experience. This variation in experience levels allows for a comprehensive understanding of different perceptions of TQM practices and customer loyalty, with seasoned professionals potentially offering insights into long-term effects and strategies.

Table 5: Training Received by Respondents

Type of Training	Frequency	Percentage (%)
Professional Development	50	39.4
Customer Service Training	40	31.5
Leadership Training	20	15.7
Quality Management Training	17	13.4
Total	127	100.0

Source: Field Survey, 2024

The types of training received by respondents illustrate a focus on professional development (39.4%) and customer service training (31.5%), which are crucial for enhancing service quality and customer satisfaction in the hospitality industry. Leadership training and quality management training are represented in lower percentages (15.7% and 13.4% respectively), indicating that while foundational training exists, further emphasis on leadership and quality may be needed to fully leverage TQM principles within hotels.

Descriptive Statistics of Variables

The following table presents the descriptive statistics, including the mean and standard deviation, for the independent variables (employee training, customer feedback mechanisms, process improvement initiatives, communication of quality goals to staff, supplier quality management, and performance measurement systems) and the dependent variable (customer loyalty).

Table 6: Descriptive Statistics of Variables

Variable	Mean	Standard Deviation
Employee Training	4.20	0.75
Customer Feedback Mechanisms	4.10	0.83
Process Improvement Initiatives	3.95	0.70
Communication of Quality Goals to Staff	4.25	0.80
Supplier Quality Management	3.85	0.90
Performance Measurement Systems	4.15	0.77
Customer Loyalty	4.30	0.72

Source: Field Survey, 2024

The mean score for employee training is 4.20, with a standard deviation of 0.75. This means that, on average, respondents perceive employee training to be highly effective in enhancing service

quality and operational efficiency within their hotels. The relatively low standard deviation indicates that responses were consistent, suggesting a general agreement among respondents regarding the importance of proper training initiatives in the hospitality sector.

The mean for customer feedback mechanisms is 4.10, accompanied by a standard deviation of 0.83. This indicates a strong perception among respondents of the significance of actively seeking and utilizing customer feedback to improve service delivery and customer satisfaction. However, the slightly higher standard deviation compared to employee training indicates some variability in responses, implying that opinions on the effectiveness of feedback mechanisms may differ among hotel personnel.

With a mean score of 3.95 and a standard deviation of 0.70, process improvement initiatives are viewed favorably, but slightly less so compared to other variables. The mean suggests that while management acknowledges the benefits of continuous process improvement, there may still be areas for growth and further implementation within hotel operations. The low standard deviation indicates a high level of consensus among respondents regarding the value of these initiatives.

The highest mean score of 4.25 for communication of quality goals to staff highlights the critical role effective communication plays in aligning staff with organizational objectives. The standard deviation of 0.80 reflects some variability in responses; nonetheless, the strong mean score indicates that most respondents believe that clear communication of quality goals significantly contributes to the overall performance and customer loyalty of their hotels.

Supplier quality management received the lowest mean score of 3.85, with a standard deviation of 0.90. This suggests that, while there is acknowledgment of its importance, stakeholders may feel that there are inadequacies in how supplier relationships are managed within their hotels. The relatively high standard deviation indicates significant variability in responses, suggesting differing levels of confidence among management personnel regarding supplier quality management practices.

The mean score for performance measurement systems is 4.15, with a standard deviation of 0.77. Respondents appear to value performance measurement systems as essential tools for assessing and enhancing operational effectiveness. The consistent responses, indicated by the low standard deviation, demonstrate a collective understanding of the importance of measuring performance to ensure continuous improvement and customer satisfaction.

The mean for customer loyalty is 4.30, representing the highest perception level among the variables listed. The standard deviation of 0.72 indicates a strong consensus among respondents that the quality of services provided - fostered by the preceding variables—plays a crucial role in cultivating customer loyalty. This high level of customer loyalty could be linked directly to the effective management of employee training, customer feedback, process enhancements, and communication efforts.

The descriptive statistics for the independent variables suggest that hotel management in Awka Metropolis recognizes the importance of various elements contributing to quality management practices. Employee training and communication of quality goals appear to receive the highest endorsements from respondents, indicating their crucial roles in enhancing customer loyalty. While there is generally strong support for all aspects, there are some areas, such as supplier quality management, where opinions diverge, suggesting opportunities for improvement. Ultimately, the strong mean for customer loyalty reinforces the connection between effective management practices and the sustained success of hotels in retaining customers

Regression Analysis Results

Table 7: Regression Analysis Results

Variable	Coefficient	Std Error	t-Statistic	Sig. Level
(Intercept)	0.250	0.112	2.232	0.027
Employee Training	0.324	0.088	3.682	0.000
Customer Feedback Mechanisms	0.278	0.091	3.056	0.003
Process Improvement Initiatives	0.185	0.104	1.778	0.077
Communication of Quality Goals to Staff	0.352	0.086	4.077	0.000
Supplier Quality Management	0.173	0.095	1.821	0.070
Performance Measurement Systems	0.297	0.090	3.300	0.001
R	0.880			
R ²	0.776			
Adjusted R ²	0.736			
F-statistic	19.335			
Sig. F	0.000			

Source: Field Survey, 2024

The coefficients in the regression table represent the estimated change in customer loyalty for every one-unit change in the independent variables. Notably, "Communication of Quality Goals to Staff" has the highest coefficient (0.352), suggesting that this variable has the most significant positive impact on customer loyalty. This finding indicates that effective communication regarding quality goals may substantially enhance customer loyalty in hotels.

"Employee Training" and "Performance Measurement Systems" also show strong coefficients (0.324 and 0.297 respectively), implying that improvements in these areas are likely to lead to a meaningful increase in customer loyalty. "Customer Feedback Mechanisms" and "Process Improvement Initiatives" have coefficients of 0.278 and 0.185 respectively, suggesting that while they are beneficial, their impact is not as pronounced as the previous three variables.

"Supplier Quality Management" presents a coefficient of 0.173, indicating that it has a positive effect on customer loyalty; however, its impact is lesser compared to the other independent variables, warranting further attention to enhance its effectiveness.

The standard error represents the variability of the coefficient estimates. Lower standard errors, as seen in "Communication of Quality Goals to Staff" (0.086) and "Employee Training" (0.088), indicate more precision in estimating their effects on customer loyalty. Variables with higher standard errors (e.g., "Supplier Quality Management" at 0.095 and "Process Improvement Initiatives" at 0.104) suggest more variability in the estimates.

The t-statistic evaluates the significance of each coefficient in the regression model. A higher absolute t-statistic indicates a more statistically significant predictor. "Communication of Quality Goals to Staff" (4.077) and "Employee Training" (3.682) both have substantial t-statistics, correlating with statistically significant p-values (Sig. Level < 0.05) and indicating that they are strong predictors of customer loyalty.

While "Process Improvement Initiatives" and "Supplier Quality Management" exhibit borderline significance (p-values of 0.077 and 0.070 respectively), they still show promise in affecting customer loyalty but may require attention or further investigation to determine their effectiveness definitively.

The R value of 0.880 indicates a strong positive correlation between the independent variables and customer loyalty. The R^2 value of 0.776 means that approximately 77.6% of the variance in customer loyalty can be explained by the independent variables, suggesting a robust model. The Adjusted R^2 value of 0.736 accounts for the number of predictors in the model, underscoring the significance of using multiple independent variables to explain customer loyalty.

The F-statistic of 19.335 indicates that the overall regression model is statistically significant. The corresponding Sig. F value of 0.000 confirms that the model, as a whole, predicts customer loyalty significantly better than a model with no independent variables. This suggests that the combination of independent variables used in the regression is effective in understanding customer loyalty within the hotel management context.

The regression analysis demonstrates that employee training, communication of quality goals to staff, performance measurement systems, and customer feedback mechanisms significantly enhance customer loyalty. The strong R and R^2 values substantiate that the independent variables collectively provide a meaningful explanation for variations in customer loyalty. As hotels seek to improve customer experiences, focusing on these key areas, especially communication and training, could yield substantial dividends in fostering customer loyalty.

Discussion of Findings

The findings of this study underscore the vital role that several management practices play in enhancing customer loyalty within the hospitality sector. By analyzing various independent variables, we found that employee training, communication of quality goals to staff, performance measurement systems, and customer feedback mechanisms are significant predictors of customer loyalty. Our analysis corroborates existing literature that emphasizes the importance of quality management practices in fostering customer relationships and loyalty.

The positive impact of employee training on customer loyalty is well-supported in the literature. Training equips employees with the necessary skills and knowledge to provide exceptional service, directly influencing customer satisfaction and loyalty (Kwortnik & Thompson, 2009). According to Kim and Cha (2002), well-trained employees are more likely to engage effectively with customers, leading to positive service experiences that enhance loyalty. This study found a coefficient of 0.324 for employee training, indicating that as training improves, customer loyalty also increases significantly.

Effective communication of quality goals to staff emerged as one of the most significant predictors of customer loyalty, with the highest coefficient of 0.352. This finding aligns with the work of Hogg et al. (2010), who illustrate that clear communication of goals fosters a shared understanding of objectives and expectations, thereby enhancing employee motivation and productivity. When employees are well-informed about quality goals, they can make decisions that align with organizational objectives, ultimately leading to higher levels of customer service and satisfaction (Baker & McKenzie, 2018).

The study identified performance measurement systems as another critical factor influencing customer loyalty, with a coefficient of 0.297. This aligns with previous research by Neely et al. (2002), who note that performance measurement systems provide essential feedback loops that allow organizations to track their quality initiatives' effectiveness continuously. By measuring key performance indicators (KPIs) related to service delivery, organizations can adapt and improve their operations to meet customer expectations better, thus enhancing loyalty.

Customer Feedback Mechanisms

The findings indicated that customer feedback mechanisms are also significant predictors of customer loyalty (coefficient of 0.278). This supports the work of Ranjan and Read (2016), who argue that actively seeking and utilizing customer feedback enables organizations to adapt to

changing preferences and needs, which is essential in the competitive hospitality sector. Encouraging feedback creates a sense of engagement and loyalty among customers who feel their opinions are valued and acted upon.

While our results indicated that supplier quality management had a positive but weaker impact (coefficient of 0.173), this aligns with studies indicating that supply chain quality does affect overall service quality (Zhao et al., 2007). Ensuring high quality from suppliers can enhance the end product or service offered to customers, thereby influencing their loyalty. However, this variable's borderline significance suggests that further investment in supplier-quality initiatives may be required to realize a more substantial impact on customer loyalty.

The findings from this study provide valuable insights into how specific management practices can enhance customer loyalty within the hospitality sector. Employee training, communication of quality goals, performance measurement systems, and customer feedback mechanisms have emerged as critical pillars that hotels should prioritize. These results reinforce existing research that emphasizes the interconnection between quality management practices and customer loyalty, highlighting opportunities for hotels to improve customer retention strategies.

6. CONCLUSION AND RECOMMENDATIONS

This study investigated the influence of various management practices on customer loyalty within the hospitality sector. Key findings revealed that employee training, communication of quality goals to staff, performance measurement systems, and customer feedback mechanisms significantly predict customer loyalty. Among these, communication of quality goals to staff was identified as the most impactful factor, suggesting that effective communication fosters trust and alignment within the workforce. Employee training also demonstrated a strong positive correlation with customer loyalty, highlighting the importance of equipping staff with the necessary skills to deliver exceptional service. Additionally, it was found that performance measurement systems and customer feedback mechanisms enhance customer retention by enabling hotels to adapt and respond to changing customer expectations.

The findings of this study contribute to the growing body of literature emphasizing the importance of quality management practices in the hospitality industry. By identifying specific practices that significantly enhance customer loyalty, the research underscores the need for hotels to prioritize these strategies to achieve competitive advantage. As customer loyalty continues to play a crucial role in the sustainability and profitability of businesses, especially in a competitive landscape like hospitality, these findings provide a strategic framework for hotel management to enhance customer relationships effectively.

Based on the insights gathered from this study, it is recommended that hotel managers invest in comprehensive employee training programs to ensure that staff possess the skills and knowledge necessary to deliver exceptional customer service. Moreover, establishing clear channels for communication regarding quality goals can significantly enhance employee engagement and motivation, resulting in improved customer experiences. Hotels should also implement robust performance measurement systems to track service quality and customer satisfaction metrics continually and utilize customer feedback mechanisms to solicit input and make necessary adjustments. By continuously refining these managerial practices, hotels can create a loyal customer base, thereby driving repeat business and long-term growth.

The implications of improved customer loyalty in the hospitality sector extend beyond individual businesses to the broader economy. As hotels enhance their customer retention strategies, they contribute to increased tourism activity, which supports local economies through job creation and increased spending in associated sectors, such as dining, entertainment, and retail. Furthermore, a thriving hospitality industry encourages investment and innovation, fostering a competitive environment that can lead to improved service standards across the board. By focusing on the

critical factors that enhance customer loyalty, hotels can not only boost their performance but also play a pivotal role in supporting economic growth and stability in their communities.

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