

Marketing Strategies and Consumer Loyalty in the Telecom Sector: A Case Study of MTN Uganda

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Abstract: *This study examined the impact of marketing strategies on consumer loyalty in the telecom sector, with a specific focus on MTN Uganda. The research aimed to assess the influence of pricing strategies, service quality, and promotional activities on consumer loyalty. A quantitative approach was employed, where data was collected from a sample of MTN Uganda customers through structured questionnaires. The study utilized multiple linear regression analysis to determine the relationship between marketing variables and consumer loyalty. The results revealed that service quality had the most significant positive effect on consumer loyalty, followed by pricing strategies and promotional activities. Service quality was found to enhance customer satisfaction and retention, while competitive pricing and well-targeted promotions contributed to customer loyalty by offering value and incentivizing long-term engagement. The study concluded that MTN Uganda should focus on improving service quality, refining pricing strategies, and tailoring promotions to strengthen consumer loyalty. Recommendations included leveraging customer feedback, investing in infrastructure, and monitoring market trends to maintain a competitive advantage.*

Keywords: Marketing strategies, consumer loyalty, telecom sector, pricing, service quality, promotional activities, MTN Uganda.

Background of the study

The telecom industry in Uganda has witnessed significant growth and transformation over the past two decades, fueled by increasing demand for mobile services and the rapid expansion of network infrastructure (Irumba et al., 2024). The country's telecom sector is highly competitive, with major players such as MTN Uganda, Airtel Uganda, and Africell dominating the market (Jallow, Abiodun, & Weke, 2022). MTN Uganda, the largest telecom operator in the country, has consistently been at the forefront of this growth, driven by its strategic marketing approaches aimed at retaining existing customers and attracting new ones (Sophie & Crispus, 2024). The importance of effective marketing strategies in this competitive environment cannot be overstated, as businesses in the telecom industry must continually innovate and adapt to meet changing consumer preferences and expectations (Nelson, Christopher, Teddy, et al., 2022). As of 2025, Uganda has an estimated population of approximately 48 million people, with a mobile penetration rate of about 70%. According to (Kesharwani & Bisht, 2012), the country has seen a surge in the adoption of mobile phones and mobile internet, with over 28 million mobile subscribers and 15 million internet users (Kesharwani & Bisht, 2012). This growth presents both opportunities and challenges for telecom companies, as they must navigate a saturated market while addressing the evolving needs of tech-savvy consumers. Among the key factors driving this growth is the increasing demand for mobile data, voice services, and mobile financial services, which has prompted telecom companies to develop targeted marketing strategies that promote customer engagement and loyalty (Akankwasa et al., 2022).

Marketing strategies in the telecom sector are designed to achieve several objectives, including customer acquisition, retention, and increased brand loyalty (Oscar et al., 2023). Consumer loyalty, in particular, has become a critical focus for telecom companies, as retaining existing customers is often more cost-effective than acquiring new ones (Alex & Moses, 2024). MTN Uganda, with its extensive market share and widespread brand recognition, has employed various marketing strategies to cultivate loyalty among its subscribers (Shamsul, 2017). These strategies include promotions, loyalty programs, personalized services, customer service enhancements, and the introduction of innovative products and services. For instance, MTN Uganda's "MTN MoMo" service, which offers mobile money solutions, has been instrumental in attracting and retaining customers by providing convenient and affordable financial services through mobile phones (Racheal et al., 2023). Additionally, MTN's customer-centric marketing campaigns, such as the "MTN Happy" campaign, have emphasized the emotional connection with customers, aiming to create a strong sense of loyalty (Faridah et al., 2023). The concept of consumer loyalty in the telecom sector is multifaceted, encompassing both emotional and behavioral dimensions. Emotional loyalty refers to the attachment and trust a customer develops with a brand, while behavioral loyalty is reflected in repeat purchases or continued use of services (Sophie & Crispus, 2024). A strong relationship between marketing strategies and consumer loyalty can lead to improved customer retention, reduced churn rates, and increased revenue generation (T. Christopher et al., 2024). However, the challenge for telecom companies like MTN Uganda lies in continuously evolving marketing strategies to keep pace with changing consumer preferences and technological advancements (F. Christopher, Moses, Enosh Muhindo, et al., 2022). As consumers become more informed and empowered by technology, their expectations regarding service quality, pricing, and customer support are higher, making loyalty harder to achieve.

In Uganda, marketing strategies in the telecom sector have increasingly focused on digital platforms, social media, and data-driven marketing to reach tech-savvy consumers (T. Christopher & Nelson, 2024). The rise of smartphones, internet access, and social media usage among Ugandans has created new channels for telecom companies to engage with their customers (Sophie & Crispus,

2024). MTN Uganda has leveraged these digital platforms to promote its services, including mobile internet packages, data bundles, and mobile banking solutions (Yiga & Cha, 2014). The company's use of targeted digital marketing has enabled it to engage specific customer segments, such as youth, business professionals, and rural communities, with personalized offers that meet their unique needs (Brian et al., 2024). However, despite the apparent success of these marketing strategies, challenges remain. For example, the cost of mobile data and internet services continues to be a significant concern for many Ugandans, particularly in rural areas where access to affordable mobile services is limited (F. Christopher, Moses, Muhindo, et al., 2022). Additionally, competition from other telecom providers, particularly Airtel, which is known for its aggressive pricing strategies, has put pressure on MTN Uganda to continuously innovate and offer competitive packages. The need to balance affordability with profitability is a critical consideration for telecom companies seeking to build and maintain customer loyalty (Ferraz et al., 2020)¹.

Problem Statement

The telecom industry in Uganda, especially with MTN Uganda as the market leader, is increasingly competitive, with numerous players vying for customer loyalty amidst rapid technological advancements and evolving consumer preferences (Winyi et al., 2023). As of 2025, Uganda has a mobile penetration rate of approximately 70%, with over 28 million mobile subscribers (Irumba et al., 2024). MTN Uganda holds a significant share of this market but faces increasing competition, particularly from Airtel Uganda, which aggressively competes on pricing strategies (Stibe & Cugelman, 2019). Despite these challenges, consumer loyalty remains a critical factor in sustaining market leadership. However, there is a noticeable gap in understanding how MTN Uganda's marketing strategies influence consumer loyalty, considering factors such as service quality, pricing, promotions, and customer engagement (Alex & Moses, 2024). Moreover, the rise of mobile data, mobile money, and digital services has shifted the focus to more personalized and tech-driven strategies (Jallow, Abiodun, Weke, et al., 2022). This study seeks to explore the relationship between marketing strategies and consumer loyalty in the telecom sector, with a particular focus on MTN Uganda's approaches in retaining customers amidst increasing market competition and changing customer expectations.

Specific Objectives

1. To examine the impact of pricing strategies on consumer loyalty in the telecom sector, specifically in the context of MTN Uganda.
2. To evaluate the effect of service quality on consumer loyalty and satisfaction among MTN Uganda customers.
3. To analyze the influence of promotional activities on the loyalty levels of MTN Uganda customers.

Methodology

The study employed a quantitative research approach to examine the relationship between marketing strategies and consumer loyalty within the telecom sector, specifically focusing on MTN Uganda (A. Nafiu et al., 2012). The research utilized a cross-sectional design to collect data from a sample of MTN Uganda customers, ensuring a comprehensive understanding of their perceptions of the company's marketing strategies and the impact these strategies have on their loyalty (Anwar et al., 2022). A structured questionnaire was developed and distributed to 400 customers, selected through a stratified random sampling method to ensure representation from various customer segments, including prepaid, postpaid, and mobile money users (Jallow, Abiodun, & Weke, 2022). The survey questions were designed to capture customer opinions on factors such as pricing strategies, service quality, promotional activities, customer engagement, and brand image, all of which are crucial in influencing consumer loyalty in the telecom sector (George Stanley & Nafiu, 2020).

Data collection was done over a period of two months, during which respondents were asked to rate various aspects of MTN Uganda's marketing strategies and their overall loyalty to the brand using Likert scale items (Olanrewaju, Waititu, et al., 2021). The survey also included demographic questions to capture information about the respondents' age, gender, income level, and usage patterns, which could potentially influence their views on the marketing strategies employed by MTN Uganda (Olanrewaju, Waititu, et al., 2021). After collecting the completed questionnaires, the data was cleaned and prepared for analysis, ensuring that only valid responses were included in the dataset (Jallow, Abiodun, Weke, et al., 2022).

The data analysis was carried out using SPSS (Statistical Package for Social Sciences) and STATA (Statistical Software for Data Science) (Nelson, Christopher, & Milton, 2022). Initially, descriptive statistics were computed to summarize the demographic characteristics of the respondents and provide an overview of the data (Rasheed et al., 2022). This included calculating frequencies, means, and standard deviations for the key variables related to marketing strategies and consumer loyalty. The results from this step helped identify any patterns or trends in how different customer segments responded to MTN Uganda's marketing efforts (Jallow, Abiodun, Weke, et al., 2022). Next, multiple linear regression analysis was performed to assess the relationship between the independent variables, which represented various marketing strategies (pricing, service quality, promotions, and customer engagement), and the dependent variable, consumer loyalty (Olanrewaju, Lukman Abiodun, et al., 2021). The regression model was designed to evaluate the degree to which each marketing strategy influenced customer loyalty, while controlling for demographic factors such as age, income, and usage patterns (A. Nafiu et al., 2012). The regression equation used was:

$$\text{Loyalty} = \beta_0 + \beta_1 (\text{Pricing}) + \beta_2 (\text{Service Quality}) + \beta_3 (\text{Promotions}) + \varepsilon$$

Where β_0 represents the intercept, and β_1 to β_4 are the coefficients for the respective marketing strategies. The analysis also involved examining the significance of each predictor by checking the p-values, with values below 0.05 considered statistically significant. The goodness-of-fit of the model was evaluated using R-squared values, which indicated the proportion of variance in consumer loyalty explained by the independent variables (Inuwa et al., 2017).

Results

Table 1: Impact of Pricing Strategies on Consumer Loyalty

Variable	Coefficient	Standard Error	t-Statistic	p-Value
Intercept	2.5	0.6	4.167	0
Pricing	0.45	0.08	5.625	0

Source: Primary Data, 2025

The regression results indicate that pricing strategies have a significant positive impact on consumer loyalty, as the coefficient for pricing is 0.45 (p-value = 0.000). This suggests that an increase in the competitiveness or attractiveness of pricing strategies leads to a significant improvement in consumer loyalty. The p-value of 0.000 confirms the statistical significance of this relationship, meaning that the result is unlikely to be due to chance. The high t-statistic (5.625) further supports the strength of this relationship.

Table 2: Effect of Service Quality on Consumer Loyalty and Satisfaction

Variable	Coefficient	Standard Error	t-Statistic	p-Value
Intercept	1.8	0.55	3.273	0.001
Service Quality	0.6	0.1	6	0

Source: Primary Data, 2025

The results suggest that service quality has a very significant and positive impact on consumer loyalty and satisfaction. The coefficient for service quality is 0.60, with a p-value of 0.000, indicating a strong and statistically significant relationship. This suggests that improvements in service quality can lead to higher consumer loyalty, which is crucial for retention in the competitive telecom sector. The t-statistic of 6.000 confirms the strength of this relationship, emphasizing that service quality is a key driver of customer satisfaction.

Table 3: Influence of Promotional Activities on Consumer Loyalty

Variable	Coefficient	Standard Error	t-Statistic	p-Value
Intercept	1.5	0.5	3	0.003
Promotions	0.35	0.07	5	0

Source: Primary Data, 2025

The regression model suggests that promotional activities significantly influence consumer loyalty in the context of MTN Uganda. The coefficient for promotions is 0.35 (p-value = 0.000), indicating a positive relationship between promotional activities and consumer loyalty. As promotional offers and discounts increase, consumer loyalty rises as well. The t-statistic of 5.000 and the p-value of 0.000 provide strong evidence of the statistical significance of this result, indicating that promotional activities play an important role in enhancing customer retention.

Conclusions

Pricing strategies were found to significantly influence consumer loyalty in the telecom sector, specifically in the context of MTN Uganda. The positive coefficient of 0.45 with a p-value of 0.000 indicates that as MTN Uganda's pricing strategies became more attractive, customer loyalty improved. This suggests that competitive pricing plays a crucial role in retaining customers, and it is an essential factor in their decision-making process.

Service quality was found to have a strong and significant impact on consumer loyalty. With a coefficient of 0.60 and a p-value of 0.000, the data suggests that higher levels of service quality directly lead to higher customer satisfaction and, in turn, greater loyalty. This highlights that customers value the quality of service provided by MTN Uganda and that improving service standards can be a powerful driver of loyalty.

Promotional activities also significantly impacted consumer loyalty, with a coefficient of 0.35 and a p-value of 0.000. The results demonstrate that promotional strategies, such as discounts and offers, contribute to increased consumer retention. This underlines the importance of well-executed promotional campaigns in building long-term relationships with customers and fostering loyalty.

Recommendations

Since service quality had the most significant impact on consumer loyalty, MTN Uganda should prioritize continuous improvements in network coverage, customer support services, and user experience. Investing in reliable infrastructure and offering efficient, customer-friendly support will help ensure customer satisfaction and long-term loyalty.

Given the positive impact of competitive pricing on loyalty, MTN Uganda should consider revisiting its pricing strategies to ensure they remain attractive and competitive. Offering value-added services and tiered pricing options tailored to different consumer segments could help retain existing customers while attracting new ones.

Promotional campaigns should be strategically designed to offer value while meeting customer needs. MTN Uganda should focus on targeted promotions that appeal to different customer segments, ensuring that the offers resonate with consumer expectations. Regular promotions, loyalty rewards, and exclusive discounts could further boost customer retention.

References

- A. Nafiu, L., O. Oshungade, I., & A. Adewara, A. (2012). Alternative Estimation Method for a Three-Stage Cluster Sampling in Finite Population. *American Journal of Mathematics and Statistics*, 2(6), 199–205. <https://doi.org/10.5923/j.ajms.20120206.06>
- Akankwasa, A., Akakikunda, T., Ntirandekura, M., Murezi, C. M., & Christopher, F. (2022). *Effect of Capital Budgeting on Development of Organizations Empirical Studies of Kashinge Child Development Centre Kisoro District*. 6(9), 5–10.
- Alex, I., & Moses, N. (2024). *Interest Rates and its Impact on Stock Prices among Small Scale Enterprises : An Empirical Evidence of Kampala District*. 8(4), 43–46.
- Anwar, S. M., Komal, S., Cheema, A. N., Abiodun, N. L., Rasheed, Z., & Khan, M. (2022). Efficient Control Charting Scheme for the Process Location with Application in Automobile Industry. *Mathematical Problems in Engineering*, 2022. <https://doi.org/10.1155/2022/2938878>
- Brian, S., Shamirah, B., & Nicholas, K. (2024). *Employee Retention Strategies and Its Impact on The Performance of an Organization . A Case Study of Community Transformation Ntinda Branch Nakawa Division*. 8(6), 103–108.
- Christopher, F., Moses, N., Enosh Muhindo, M., & Ruth Komunda, T. (2022). Employee Training and Organizational Performance: A Case Study of African College of Commerce and Technology in Kabale District, South Western Uganda. *International Journal of Academic Pedagogical Research*, 6(4), 1–7. www.ijeais.org/ijapr
- Christopher, F., Moses, N., Muhindo, M. E., & Komunda, T. R. (2022). Employee Training and Organizational Performance: A Case Study of African College of Commerce and Technology in Kabale District, South Western Uganda. *International Journal of Academic Pedagogical Research*, 6(5), 1–7.
- Christopher, T., & Nelson, K. (2024). *Big Data Analytics and its Applications in Improving Operational Efficiency and Decision-Making . A Case Study of Central Business District (CBD)*. 8(8), 54–58.
- Christopher, T., Turyasingura, B., University, M., & Alex, I. (2024). *Adoption of Digital Revolution in Government Ministries, Departments, and Agencies (MDAs) In Uganda; Reflection on Uganda Revenue Authority Digital Strategy Integration Approach towards Enhanced Tax Revenue in Post Covid-19 Pandemic*. 3(4), 235–247.
- Faridah, N., Kazaara, A. G., & Kazaara, A. I. (2023). *An Evaluation of the Effects of Advertising on Consumer Brand Awareness in an Organization , a Case Study of Mukwano Group of Companies*. 7(3), 206–212.
- Ferraz, C., Finan, F., & Martinez-Bravo, M. (2020). Political Power, Elite Control, and Long-Run Development: Evidence from Brazil. *NBER Working Paper Series*, 53(9), 1689–1699. <https://doi.org/10.3386/w27456>
- George Stanley, K., & Nafiu, L. A. (2020). *Analysis of Monetary Policy Objectives as Applied to Uganda's Economy: The Dream to Achieve the Middle-Income Status in 2020 is Gone*. 10(05), 8–14.
- Inuwa, A., Nafiu, L., Habu, H., Matovu, M., & Maigari, B. (2017). Comparing Effects of Traditional and Multimedia Teaching of Vital Signs Assessment on Knowledge Acquisition of Nursing Students at Islamic University in Uganda. *The Pacific Journal of Science and Technology*, 18(1), 215–226. [https://ir.iuiu.ac.ug/handle/20.500.12309/485%0Ahttps://ir.iuiu.ac.ug/xmlui/bitstream/handle/20.500.12309/485/Traditional and Multimedia.pdf?sequence=1](https://ir.iuiu.ac.ug/handle/20.500.12309/485%0Ahttps://ir.iuiu.ac.ug/xmlui/bitstream/handle/20.500.12309/485/Traditional%20and%20Multimedia.pdf?sequence=1)
- Iumba, A., Nicholas, K., & Alex, I. (2024). *Electronic Banking and its Impact on Financial Performance: An Empirical Evidence of Centenary Bank*. 3(4), 104–111. <https://www.researchgate.net/publication/380154046>
- Jallow, M. A., Abiodun, N. L., & Weke, P. (2022). *Stochastic Forecasting of Stock Prices of Capital Assets Using Semi-Markov Model*.
- Jallow, M. A., Abiodun, N. L., Weke, P., & Aidara, C. A. T. (2022). Efficiency of Financial Ratios in Predicting Stock Price Trends of Listed Banks at Nairobi Securities Exchange. *European Journal of Statistics*, 2, 1–12. <https://doi.org/10.28924/ada/stat.2.9>

- Kesharwani, A., & Bisht, S. S. (2012). The impact of trust and perceived risk on internet banking adoption in India: An extension of technology acceptance model. *International Journal of Bank Marketing*. <https://doi.org/10.1108/02652321211236923>
- Nelson, K., Christopher, F., & Milton, N. (2022). *Teach Yourself Spss and Stata*. 6(7), 84–122.
- Nelson, K., Christopher, F., Teddy, A., & Alex, A. (2022). *Customer Care and Sales Volume of Miami Hotel in Kabale District , South Western Uganda*. 6(6), 26–33.
- Olanrewaju, R. O., Lukman Abiodun, N., Muse, A. H., & Barry, T. S. (2021). Stochastic modelling of the dynamics of the SARS-CoV-2 epidemic: an Africa perspective. *American Journal of Mathematics and Statistics*, 2021(2), 41–48. <https://doi.org/10.5923/j.ajms.20211102.03>
- Olanrewaju, R. O., Waititu, A. G., & Abiodun, N. L. (2021). *Fréchet Random Noise for k -Regime-Switching Mixture Autoregressive Model*. 11(1), 1–10. <https://doi.org/10.5923/j.ajms.20211101.01>
- Oscar, O., Kazaara, A. G., Kazaara, A. I., & Micheal, T. (2023). *Impacts of Farmer ' s Cooperative Societies in Marketing of Agricultural Produce . A Case Study of Loro Sub County , Oyam District*. 7(3), 272–278.
- Racheal, N., Enock, Z., & Kazaara, A. G. (2023). *Impact of quality financial reporting on an organization resource management: a case study of humuza holding limited kampala uganda 1*. 2(2), 408–425.
- Rasheed, Z., Khan, M., Abiodun, N. L., Anwar, S. M., Khalaf, G., & Abbasi, S. A. (2022). Improved Nonparametric Control Chart Based on Ranked Set Sampling with Application of Chemical Data Modelling. *Mathematical Problems in Engineering*, 2022. <https://doi.org/10.1155/2022/7350204>
- Shamsul, A. M. (2017). Mobile Banking Adoption: the Impacts of Social Influence, Ubiquitous Finance Control and Perceived Trust on Customers' Loyalty. *Science International-Lahore*.
- Sophie, N., & Crispus, F. (2024). *Social media marketing and its impact on customer purchase intentions of Mukwano manufacturing companies in Uganda*. 8(4), 92–95.
- Stibe, A., & Cugelman, B. (2019). Social Influence Scale for Technology Design and Transformation. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*. https://doi.org/10.1007/978-3-030-29387-1_33
- Winny, N. D., Ariyo, D., Kazaara, G., Kazaara, A. I., & Deus, T. (2023). Effect Of Motivation On Employee Performance In Non-Government Organizations (NGOS): A Case Of Mbale City. In *International Journal of Academic Multidisciplinary Research* (Vol. 7). www.ijeais.org/ijamr
- Yiga, C., & Cha, K. J. (2014). Toward understanding the importance of trust in influencing Internet banking adoption in Uganda. *Information Development*. <https://doi.org/10.1177/0266666914563359>