Effectiveness of loyalty programs on customer engagement and customer retention with reference to online retailers

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Abstract: *The study explores the effectiveness of loyalty programs in enhancing customer engagement and retention within the online retail sector. As online retailers face fierce competition, customer loyalty has become a critical factor for sustaining long-term business success. Loyalty programs, designed to reward repeat purchases and foster brand attachment, are increasingly being implemented by e-commerce platforms to boost customer satisfaction and loyalty. This research examines various types of loyalty programs, including points-based systems, tiered memberships, and personalized rewards, and evaluates their impact on customer engagement metrics such as purchase frequency, brand interaction, and customer lifetime value. Through a comprehensive analysis of existing literature and case studies of leading online retailers, the study identifies best practices for designing and implementing effective loyalty strategies. The findings suggest that while loyalty programs can significantly improve customer retention, their success largely depends on personalization, ease of use, and the alignment of rewards with customer preferences. The study concludes by highlighting key strategies for online retailers to optimize their loyalty initiatives and strengthen customer relationships in the digital marketplace*

Key Words: Loyalty Programs, Customer Engagement, Customer Retention, Online Retailers, Personalization, Repeat Purchases, Tiered Memberships, Customer Satisfaction, Brand Loyalty, E-commerce.

1.   INTRODUCTION:

In the rapidly evolving landscape of online retail, businesses face increasing competition to attract and retain customers. One of the most effective strategies employed by online retailers to foster customer loyalty is the use of loyalty programs. These programs are designed to incentivize repeat purchases, encourage brand engagement, and build long-term customer relationships. By offering rewards, discounts, or exclusive services, loyalty programs aim to increase customer satisfaction and retention, which are key drivers of profitability for online businesses. However, the effectiveness of such programs in achieving these goals varies depending on several factors, including program design, customer preferences, and the broader digital environment. This study examines the impact of loyalty programs on customer engagement and retention in the online retail sector, exploring how different program types and strategies influence customer behaviour. Additionally, the research seeks to identify best practices for online retailers to optimize their loyalty initiatives, ultimately leading to stronger customer relationships and sustained business growth.
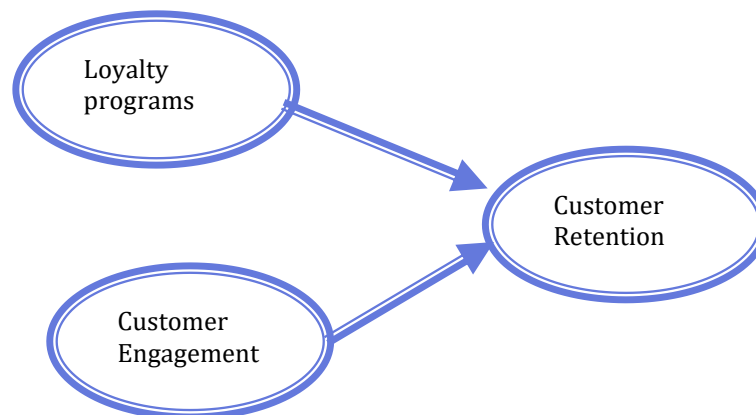
Conceptual Framework of the study

2. LITERATURE REVIEW:
Loyalty programs
According to the study, loyalty programs—particularly those with tiered benefits and personalized rewards significantly improve customer retention in retail, including online retailers, by boosting satisfaction and creating emotional bonds that eventually result in repeat business and long-term success. (Kaur, 2024). By lowering the cost of returning to stores for rewards, loyalty programs in online retail improve customer retention. Stronger profit incentives for retailers result from these programs' increased effectiveness due to the dynamic consumer preferences in online markets. (Lim & Lee, 2015). Online companies may improve customer retention by using loyalty programs that combine measurement and communication. E-tailers concentrate on enhancing repeat business by focusing on their current clientele. Effective tactics include customized messaging and promotions based on the frequency of a customer's transactions. (Cuthbertson & Bridson, 2006). By providing easily attainable advantages and prizes connected to purchases, loyalty programs at online businesses improve client retention. Instead, then depending only on long-term point accumulation, these programs ought to prioritize customer happiness in order to cultivate loyalty. (Tahal & Stříteský,2014). The success of loyalty programs in physical retail, particularly TFG in Zambia, is the main topic of this article. It emphasizes how customer retention is greatly impacted by reward variety and overall program satisfaction, implying that online shops may benefit from comparable strategies to increase loyalty. (Shipola & Mwanza, 2025). Through boosting satisfaction and encouraging repeat business, loyalty programs dramatically improve client retention. Long-term success is ultimately facilitated by programs that offer tiered advantages and tailored awards because they foster emotional ties with consumers, making them feel appreciated and fortifying their bond with the company. (Kaur, 2024).
H₁: Loyalty program has a Positive impact on Customer Retention.

Customer Engagement
Customer engagement (CE) is a key component of online retail customer retention. Marketers struggle to attract and keep consumers; therefore, they need to continuously educate themselves through creative content and tactics that maximize engagement benefits by utilizing social media and cutting-edge technologies. (Mogili & Natarajan, 2021). In online shops, customer interaction greatly improves client retention. A great online customer experience is a crucial tactic for merchants since, according to the report, it encourages interaction, which in turn boosts loyalty, particularly when value co-creation is included. (Farooqi et al., 2022). Predictive analytics, loyalty programs, and tailored marketing all help internet merchants retain their customers. In order to build lasting relationships and lower attrition rates, engaging customers entails knowing their preferences and behaviors, using real-time data, and attending to their requirements. (Gafarov, 2024).

Effective communication, competitive pricing, user experience, and trust all affect customer retention in online merchants. Deeper relationships are created through engagement tactics including community building, loyalty programs, and personalized recommendations, which increase client loyalty and promote repeat business. (Shailaja, 2024). The study emphasizes the need of promoting consumer involvement for customer retention in online retail settings by showing that online self-congruity strongly effects commitment and engagement in online brand communities, which in turn affects offline purchase intention. (Wong & Chung, 2022). Pricing tactics, client interaction, loyalty programs, and service quality all have a beneficial impact on customer retention. As the study of Egyptian travel agencies shows, improved customer involvement results in higher customer retention, which in turn improves the performance of businesses. (ElGarhy, 2022).

H_2: Customer Engagement has a Positive impact on Customer Retention.

3. RESULTS :

Reliability Test

Table-1

Variables	Numbers of Items	Cronbach Alpha
Loyalty Programs	13	0.867
Customer Engagement	13	0.885
Customer Retention	10	0.733

Loyalty Programs with high Cronbach's alpha value of 0.867 demonstrates excellent internal consistency which shows all 13 items measuring loyalty programs effectively evaluate a single construct while maintaining strong correlations. Customer Engagement the reliability test yielded an alpha of 0.885 which establishes that the 13 items effectively measure customer engagement with minimal measurement errors. Customer Retention the measured reliability for this construct achieved an acceptable level at 0.733 but came in slightly below the other measurements.

Table-2

Hypothesis Testing through Regression

Hypothesis	Variables	Beta Coefficient	R^2	P- Value
H1	Loyalty Programs and Customer Retention	0.684	0.465	0.000
H2	Customer Engagement and Customer Retention	0.627	0.393	0.000

Hypothesis 1 (H1): *Loyalty Programs and Customer Retention*
Beta Coefficient (β = 0.684) The findings show a strong relationship between loyalty programs' firm installation and enhanced customer retention. For each extra unit of effectiveness or of quality of loyalty programs, there exists a 0.684 extra unit of customer retention.
R^2 = 0.465 The loyalty programs represent about 46.5% of the conceptual differences in the customer retention part. This means that loyalty programs have a strong effect in creating customer retention to a company.
P-value = 0.000 There is a significant 1% level of association (p <0.01), strong support for the hypothesis.

Hypothesis 2 (H2): *Customer Engagement and Customer Retention*
Beta Coefficient (β = 0.627): A strong positive relationship is also implied by this finding. There is a 0.627 unit increase in customer retention when there is an increase in customer engagement.
R^2 = 0.393: Customer engagement contributes approximately 39.3% of the variations in customer retention, an effect that is clearly significantly significant.

P-value = 0.000: The data show a very strong statistically significant correlation, which shows customer engagement is essential for customer retention.

Table-3

Hypothesis Testing through Correlation

	Loyalty Programs	Customer Engagement	Customer Retention
Loyalty Programs	1		
Customer Engagement	.763[**]	1	
Customer Retention	.684[**]	.627[**]	1

The correlation between Loyalty Programs and the Customer Engagement in this study is a positive correlation with a correlation coefficient of 0.763, Thus, indicating that effective loyalty programs are likely to improve customer engagement. Loyalty Programs and Customer Retention also share moderate positive relationship of 0.684 of the mean; suggesting that those, who use loyalty programs, have high chances of being associated with the brands. The correlation between Customer Engagement and Customer Retention was moderate to strong, .627, indicating that customers more likely to be engaged will also be retained.

4. CONCLUSION:

Loyalty programs have become a vital strategic tool for online retailers aiming to enhance customer engagement and drive long-term retention. The findings indicate that well-structured and personalized loyalty initiatives not only encourage repeat purchases but also strengthen emotional connections between customers and brands in a highly competitive digital marketplace. By offering relevant rewards, seamless user experiences, and consistent value, online retailers can foster greater customer satisfaction and loyalty. Moreover, as technology evolves, integrating data-driven personalization and interactive features into loyalty programs further amplifies their effectiveness. Ultimately, the success of these programs depends on aligning them with customer preferences, shopping behaviour, and trust, making them essential for sustaining customer relationships and achieving sustained business growth in the online retail environment.

5. LIMITATIONS:

Despite providing valuable insights into the effectiveness of loyalty programs on customer engagement and retention, several limitations should be noted. First, the impact of loyalty programs can vary across different customer segments and regions, which limits the generalizability of the findings. As customer preferences and behaviours differ, the effectiveness of a loyalty program in fostering engagement and long-term retention may not be uniform across all demographics. Second, the study may have relied on secondary data or self-reported surveys, which can introduce bias and may not fully capture the complexities of customer interactions with online retailers. Additionally, the rapidly changing digital landscape and continuous innovation in loyalty program design mean that the findings may only be applicable to current strategies, with future developments potentially altering their effectiveness. Third, external factors such as market trends, economic conditions, and competitive strategies may also influence the outcomes of loyalty programs, affecting customer engagement and retention in ways not captured by this research. Finally, the study did not explore the direct psychological factors behind customer loyalty or the long-term evolution of engagement patterns, which could offer deeper insights into program effectiveness. Future research should address these limitations by incorporating longitudinal studies, diverse customer demographics, and more nuanced behavioural analysis

6. SCOPE FOR FUTURE RESEARCH:

Future research can focus on evaluating how different types of loyalty programs—such as points-based systems, tiered memberships, and personalized rewards—specifically influence customer engagement and

customer retention within the online retail sector. Researchers could examine the effectiveness of digital loyalty strategies across various e-commerce platforms and customer segments to identify which program structures most successfully encourage repeat purchases and long-term brand loyalty. Additionally, future studies could explore how the integration of technology, such as mobile apps and real-time data analytics, enhances or hinders customer interaction and loyalty in an online setting. Analysing the behavioural responses of online shoppers to loyalty initiatives, including their impact on purchase frequency and customer lifetime value, would provide deeper insight into the overall success of these programs. This research would be especially relevant in understanding how online retailers can optimize loyalty schemes to maintain competitive advantage and strengthen customer relationships in a digital environment.

REFERENCES:
1. Kaur, H. (2024). The Impact of Loyalty Programs on Customer Retention in the Retail Industry. Deleted Journal, 12(3), 69–82.
2. Lim, S., & Lee, B. (2015). Loyalty programs and dynamic consumer preference in online markets. 78, 104–112.
3. Cuthbertson, R., & Bridson, K. (2006). Online retail loyalty strategies. International Journal of Information Technology and Management, 5(4), 279–294.
4. Tahal, R., & Stříteský, V. (2014). Loyalty Programs and their Perception by Customers and by The Operators of Retail e-Shops. Acta Oeconomica Pragensia, 2014(4), 30–41.
5. Shipola, J., & Mwanza, B. G. (2025). The Effects of Loyalty Programs on Customer Retention. Deleted Journal, 17(1), 423–451.
6. Thakur, S. P., & Yadav, I. S. (2020). A critical review on impact of loyalty programme on customer retention with reference to select retail stores. 7(8), 3473–3478.
7. Mogili, R., & Natarajan, T. (2021). Online Retailing and Customer Engagement: The Changing Paradigm of Customer Relationship Management (CRM) (pp. 184–195). IGI Global.
8. Farooqi, M. A., Khurram, M., Syed, A. R. H., Khawaja, K. F., Zada, S., Jamil, S., Nawaz, M. Q., Vega-Muñoz, A., Contreras-Barraza, N., & Anwer, N. (2022). Online Customer Experience Leads to Loyalty via Customer Engagement: Moderating Role of Value Co-creation. Frontiers in Psychology, 13.
9. Gafarov, N. (2024). Data-Driven Strategies for Enhancing Customer Retention in E-commerce. 8(1), 101.
10. Shailaja, B. (2024). Analysis Of Factors Affecting Customer Retention On E-Commerce With Reference To Bangalore. 9364–9368.
11. Wong, A., & Chung, S.-W. (2022). Retaining consumer engagement in online retail brand communities. International Journal of Retail & Distribution Management.
12. ElGarhy, S. (2022). Effects of Service Quality, Loyalty Programs, Pricing Strategies, and Customer Engagement on Firms' Performance in Egyptian Travel Agencies: Mediating Effects of Customer Retention. 1–29.
13. Kaur, H. (n.d.). The Impact of Loyalty Programs on Customer Retention in the Retail Industry. Deleted Journal, 12(3), 69–82.
14. Lim, S., & Lee, B. (2015c). Loyalty programs and dynamic consumer preference in online markets. Decision Support Systems, 78, 104–112.
15. Mosina, Y. (2024). DESIGN AND IMPLEMENTATION OF OMNICHANNEL LOYALTY PROGRAMS FOR RETAILERS. The American Journal of Management and Economics Innovations, 6(8), 55–63.
16. Prasad, S., & Yadav, I. S. (2020). A critical review on impact of loyalty programme on customer retention with reference to select retail stores. 7(8), 3473–3478.
17. Komalasari, F. P., & Budiman, S. F. (2018). Customer retention strategy through customer satisfaction and customer loyalty: The Study on Traveloka Loyalty Program. TRJ Tourism Research Journal, 2(1), 69.
18. Bariha, P. P. (2021). Customer loyalty program and retention relationship. Psychology and Education Journal, 58(1), 5069–5074.
19. Nasır, S. (2017). Customer retention strategies and customer loyalty. In IGI Global eBooks (pp. 1178–1201).
20. Marginean, S.-S. (2016). Loyalty Programs: How To Measure Customer Loyalty? 1(3), 128–136.