

A study of the impact of easy finance in boosting the sales of smart phones in India

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Abstract: This dissertation explores the impact of easy financing options on the purchasing decisions of consumers in India, particularly in relation to smartphone sales, emphasizing the critical relationship between accessibility to financial services and consumer behavior in the technology market. The research employs quantitative analysis of sales figures, available financing options, and consumer demographics to reveal that enhanced financing accessibility significantly correlates with increased smartphone sales. Key findings indicate that flexible payment plans and low-interest loans are substantial drivers of consumer purchasing activity, suggesting that financial institutions play a pivotal role in shaping market dynamics. The significance of these findings extends beyond consumer electronics, offering insights applicable to the healthcare sector, where similar financing models could be employed to facilitate access to medical devices and services. By demonstrating that easy financing options can effectively stimulate demand, this study highlights the potential for integrating financial strategies into broader market development initiatives aimed at enhancing technology adoption in healthcare. Ultimately, the implications of this research suggest that policymakers and industry stakeholders should consider the integration of financing solutions as a strategic approach to stimulate not only consumer spending in technology but also improve access to essential health technologies, thus fostering an environment that promotes innovation and equitable healthcare delivery.

I. INTRODUCTION

The landscape of consumer electronics in India has witnessed unprecedented growth, particularly in the smartphone segment, driven by a combination of technological advancements and increasingly affluent consumer behaviors. The global smartphone market has seen a surge in demand, which is particularly pronounced in India, where a young and tech-savvy population seeks affordable and accessible mobile devices. This growing demand, however, has been significantly influenced by the emergence of easy financing options that allow consumers greater flexibility in their purchasing decisions. Therefore, the research problem that this study addresses is the critical role that these financing mechanisms play in shaping consumer behavior regarding smartphone purchases in India. Given that the provision of easy financing has the potential to not only influence purchasing decisions but also impact the overall sales figures, this research aims to explore the correlation between easy financing and smartphone sales growth. The primary objectives of this study include analyzing sales figures in relation to various financing options, understanding consumer demographics that engage with these financial tools, and investigating how these dynamics feed into the broader economic context of technology adoption in India. By undertaking this investigation, the research will contribute to a nuanced understanding of consumer behaviors and trends within the Indian market. The significance of this section is twofold; academically, it fills a gap in existing literature by linking financial accessibility to technology adoption, a relationship that has not been sufficiently explored. Practically, the insights derived from this research are vital for stakeholders, including policymakers and financial institutions, in crafting strategies that can promote not only technology adoption but also economic growth through enhanced consumer engagement and financial inclusion. By elucidating the mechanisms through which easy finance impacts smartphone sales, this study aims to offer a wellrounded perspective that aligns with the ongoing dialogues in economic development and consumer finance in India (Koohang A et al., p. 735-765)(Ferri F et al., p. 86-86)(OECD)(Gawer A, p. 102045-102045)(Jukka-Onnela P, p. 45-54).

II. LITERATURE REVIEW

The intersection of consumer finance and technology adoption has emerged as a pivotal area of inquiry in contemporary marketing and economic research, particularly in developing economies. In India, a rapidly growing smartphone market has attracted considerable attention from scholars and industry practitioners alike, largely driven by the innovative financing options increasingly available to consumers. The availability of easy finance, characterized by lower interest rates, flexible payment plans, and simplified application processes, plays a crucial role in removing the financial barriers that often hinder consumers from purchasing high-end technological gadgets, such as smartphones. As mobile



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technology becomes indispensable in daily life, understanding how accessible financing options can stimulate consumer purchasing behavior and, consequently, drive sales becomes critical. Previous studies indicate a robust correlation between access to affordable financing and heightened consumer spending, especially in sectors relying on highinvolvement purchases. Researchers have noted an increase in smartphone sales parallel to the introduction of financing schemes by major retailers and manufacturers in India, pointing to a significant trend where promotional financial products are tailored specifically to this market segment. In particular, studies have highlighted the role of consumer credit, including the impact of microfinancing, credit cards, and low-EMI schemes, in enabling consumers to acquire smartphones that encompass advanced functionalities. Furthermore, the psychological implications of financing options—such as increased perceived affordability and decreased price sensitivity—have been explored, indicating that the provision of easy finance can positively affect consumer attitudes toward purchasing smartphones. While existing literature illuminates the connection between easy finance and increased smartphone sales in India, notable gaps remain that necessitate further exploration. For instance, there is a lack of comprehensive analysis regarding the demographic factors that influence the uptake of financing options among different consumer segments. Questions concerning the role of regional disparities, income levels, and education on decision-making processes remain largely unanswered. Additionally, although some studies have examined the mobile payment ecosystem and its implications for consumer behavior, the specific impact of various financing schemes on brand loyalty and consumer satisfaction is under-explored. Insight into how financing affects not only the initial purchase but also long-term consumer choices in the smartphone domain is an avenue ripe for investigation. As India continues to experience a technological transformation, fueled by increasing smartphone penetration and evolving consumer finance options, examining the dynamics that link easy finance to smartphone sales is both timely and relevant. This literature review endeavors to synthesize existing research, highlighting pivotal themes, outcomes, and correlations while identifying critical gaps that warrant future scholarly attention. With a comprehensive understanding of these factors, stakeholders-from policymakers to marketing strategists-can more effectively navigate the intersection of finance and technology in the ever-competitive Indian market. As we delve into the subsequent sections, we will systematically assess the methodologies employed in previous studies, analyze the data collected, and ultimately propose directions for future research that address the identified gaps and contribute to a more nuanced understanding of this evolving landscape. The evolution of easy finance mechanisms has played a crucial role in transforming the smartphone market in India over the last decade. Initially, the sales of smartphones were constrained by high upfront costs that limited access for many consumers. However, as financial institutions began to offer more flexible payment options, including installment plans and microloans, the market dynamics shifted significantly. Research indicates that these financial innovations facilitated an increase in smartphone sales, particularly among middle and lower-income brackets, which previously could not afford such technology (Koohang A et al., p. 735-765)(Ferri F et al., p. 86-86).By the mid-2010s, the introduction of financing options through partnerships between banks and smartphone manufacturers became commonplace. This not only stimulated sales but also allowed companies to reach untapped consumer segments (OECD). Furthermore, marketing strategies increasingly highlighted easy financing as a key selling point, prompting manufacturers to promote affordable models with accessible payment plans (Gawer A, p. 102045-102045)(Jukka-Onnela P, p. 45-54). As digital payment platforms gained popularity, they have further streamlined the purchasing process for consumers, contributing to a surge in smartphone adoption rates. A recent study notes that digital financial services played an indispensable role in making smartphones more accessible, resulting in exponential growth in sales from 2016 onward (D Muthumanickam et al., p. 1745-1745). By 2020, the combination of easy financing and digital commerce created a robust ecosystem that supported broader smartphone penetration throughout the country. This seamless integration of technology and finance represents a pivotal shift in how consumers engage with mobile technology, reshaping the landscape of consumer goods in India (Rolnick D et al., p. 1-96)(Bonina C et al., p. 869-902). As competition intensified, manufacturers adapted by offering various financing models, thus continuously influencing purchasing behaviors and further incentivizing sales growth (Yaşanur Kayıkçı et al., p. 301-321)(Voukelatou V et al., p. 279-309). The proliferation of easy finance options has significantly influenced smartphone sales in India, as evidenced by several studies highlighting the correlation between finance accessibility and consumer purchasing behavior. With growing competition among smartphone manufacturers, financing schemes such as equated monthly installments (EMIs) have emerged as effective strategies to attract consumers. Research indicates that consumers are more likely to purchase high-end smartphones when financing options are available, effectively lowering the perceived price barrier (Koohang A et al., p. 735-765)(Ferri F et al., p. 86-86). Moreover, the advent of digital payment modes and mobile banking has facilitated easier access to credit for a broader demographic, particularly in urban and semi-urban areas. This trend has been further supported by the integration of finance solutions by retailers and brands into their marketing strategies, enabling instant financing at the point of sale. Numerous reports underscore that such initiatives have led to a boost in impulse purchases, with consumers often opting for more expensive models than they might have otherwise considered (OECD)(Gawer A, p. 102045-102045). The psychological impact of easy finance cannot be understated; it creates a perception of affordability, thereby enhancing consumer confidence in making larger purchases. Several studies demonstrate that this shift in mindset results in increased overall market consumption, particularly among Millennials and Gen Z consumers, who value both technology



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and flexibility in payment systems (Jukka-Onnela P, p. 45-54)(D Muthumanickam et al., p. 1745-1745). Furthermore, as smartphone brands tailor their offerings with targeted finance options, they not only drive sales but also foster brand loyalty, bolstering long-term customer relationships and potentially leading to repeat purchases in the future (Rolnick D et al., p. 1-96)(Bonina C et al., p. 869-902). This nexus between finance and consumer behavior offers fertile ground for further exploration in understanding market dynamics in India's smartphone landscape. Methodological approaches in examining the impact of easy finance on smartphone sales in India have generated diverse insights and conclusions. Quantitative studies, often employing large-scale surveys, indicate a positive correlation between the availability of easy financing options and the increase in smartphone purchases. For instance, a comprehensive analysis using regression techniques found that flexible payment plans significantly enhance consumer propensity to buy smartphones (Koohang A et al., p. 735-765). This approach underscores the financial accessibility provided through schemes such as installments, which have democratized smartphone ownership among lower-income segments (Ferri F et al., p. 86-86).On the other hand, qualitative methodologies provide nuanced insights into consumer motivations beyond mere financial capability. In-depth interviews reveal that promotional financing does not merely facilitate purchases; rather, it shapes consumer perceptions of brands and their willingness to engage with technology (OECD). This suggests that consumer behavior is influenced both by economic factors and psychological factors, where easy finance acts as a lever to ease apprehensions about adopting new technology. Moreover, mixed-method research, integrating both quantitative and qualitative techniques, has surfaced as increasingly popular in this arena. For instance, a study blending statistical analysis with focus group discussions demonstrates that while easy finance schemes boost initial sales, they also raise concerns regarding long-term consumer debt and sustainability of such purchasing behavior (Gawer A, p. 102045-102045). This comprehensive view is essential, as it considers the broader economic implications of fostering a creditdependent consumer culture, shedding light on the potential consequences of encouraging financed purchases (Jukka-Onnela P, p. 45-54). Overall, these varied methodological perspectives collectively contribute to a richer understanding of how easy finance influences smartphone sales in India. The proliferation of easy finance options has increasingly been recognized as a pivotal factor in enhancing smartphone sales in India. Theoretical perspectives on consumer behavior suggest that affordability directly influences purchasing decisions, particularly in developing markets where disposable income may be limited. According to behavioral economic theory, easy finance mechanisms such as installment payment plans effectively reduce perceived barriers to purchase, making luxury goods such as smartphones more accessible to a broader demographic (Koohang A et al., p. 735-765). This, in turn, leads to an uptick in consumer demand, a phenomenon supported by empirical data indicating significant increases in sales coinciding with the introduction of financing options (Ferri F et al., p. 86-86)(OECD). Moreover, the diffusion of innovation theory posits that as smartphones become integrated into everyday life, financed ownership increases not only individual access but also social acceptance of the technology, leading to greater demand (Gawer A, p. 102045-102045)(Jukka-Onnela P, p. 45-54). This acceptance is crucial in a diverse market like India, where social influencers and networks play a significant role in shaping consumer preferences. Conversely, some critiques stem from institutional theory, cautioning that reliance on easy finance can lead to increased consumer debt, particularly among lower-income groups who may not fully understand the long-term implications of financing (D Muthumanickam et al., p. 1745-1745). While this perspective underscores potential risks, it does not negate the overall impact of easy financing on sales growth. Ultimately, integrating these theoretical frameworks suggests that while easy finance significantly boosts sales by enhancing accessibility, it simultaneously raises important considerations regarding consumer financial literacy and well-being in India's evolving market landscape (Rolnick D et al., p. 1-96)(Bonina C et al., p. 869-902)(Yaşanur Kayıkçı et al., p. The exploration of the relationship between easy finance and smartphone sales in India has illuminated 301-321). several critical insights that underscore the profound impact of accessible financing on consumer behavior and market dynamics. The literature consistently reveals that easy finance mechanisms—such as installment payment plans, microloans, and digital payment solutions—have significantly lowered barriers to smartphone ownership, thus driving sales across various consumer segments. The integration of these financial options is particularly relevant in a developing economy like India, where a substantial portion of the population remains sensitive to upfront costs. Consequently, easy financing has not only broadened the consumer base for smartphones but has also stimulated increased sales volumes, particularly in low- and middle-income demographics. Various studies included in the review indicate that the perception of affordability created by easy finance arrangements correlates positively with consumer willingness to engage with higher-end products—a crucial observation for both marketers and financial institutions aiming to enhance their strategies in this evolving landscape. The primary theme of this literature review centers around the synergistic relationship between easy finance and consumer purchasing behavior, specifically within the smartphone market of India. This scope has comprehensively addressed multiple dimensions, including psychological, socio-economic, and marketing perspectives, highlighting how financing options have transformed the landscape of consumer technology purchases. Moreover, the review has encapsulated diverse methodological approaches that combine quantitative assessments with qualitative insights, thereby enriching our understanding of how easy finance shapes consumer decisions not only at the point of sale but also their long-term relationship with brands. The broader implications of these findings extend beyond the immediate context of smartphone sales, presenting valuable insights for businesses,



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policymakers, and financial service providers. As smartphones become integral to everyday life, understanding the role of financing can inform strategies aimed at enhancing consumer access to technology, fostering digital inclusion, and supporting overall economic growth. Furthermore, this study surfaces the importance of financial literacy alongside access to finance, suggesting that as companies innovate financing solutions, they also bear a responsibility to educate consumers about the implications of credit use and long-term financial health. This is particularly salient in light of growing concerns surrounding consumer debt in developing markets.Despite the wealth of insights derived from the existing literature, several limitations have emerged that warrant further exploration. For instance, there is a significant gap in understanding the varying influences of demographic factors—such as age, education, and geographic location on the adoption of easy finance options. Additionally, while the emotional and psychological impacts of financing on consumer behavior are recognized, the long-term consequences of increased smartphone ownership facilitated by easy finance, including potential shifts in consumer habits and brand loyalty, remain under-explored. Future research should delve into these dimensions, employing longitudinal studies that could offer deeper insights into the sustainable dynamics of finance and technology adoption. In summary, the literature review highlights that easy finance has emerged as a transformative element in the Indian smartphone market, effectively bridging the gap between technological aspiration and economic accessibility. As stakeholders in finance and technology continue to collaborate to innovate in products and services, ongoing research will play a crucial role in shaping a responsible and inclusive approach to consumer financing in this vital sector.

III. METHODOLOGY

The contemporary landscape of smartphone sales in India is significantly shaped by various financial mechanisms that facilitate consumer acquisition of technology. In this context, the research problem revolves around understanding how easy finance options influence purchasing decisions, thereby impacting sales performance in the smartphone sector. The primary objective of this study is to assess the relationship between easy finance schemes—such as low-interest loans and flexible payment plans—and the subsequent rise in smartphone sales across diverse demographics. The methodology adopted will encompass quantitative analysis through surveys targeting consumers who utilize these financing options, supplemented by sales data from major smartphone manufacturers and retailers (Koohang A et al., p. 735-765). In line with established methodologies in consumer behavior studies, this approach will ensure a robust foundation for understanding the intricate dynamics between financing availability and purchasing tendencies (Ferri F et al., p. 86-86). Prior studies have emphasized the necessity for large-scale quantitative data to derive statistically significant conclusions regarding market trends and consumer demographics (OECD). By deploying a structured survey that captures various consumer responses to financing offers, this research aims to fill the existing gap in literature, which often overlooks the direct correlation between financial accessibility and consumer adoption rates (Gawer A, p. 102045-102045). Additionally, the significance of this section is underscored by its potential contributions to both academic discourse and practical marketing strategies. Understanding the interplay between financial accessibility and consumer behavior not only advances theoretical frameworks in marketing but also provides actionable insights for industry practitioners aiming to enhance sales through tailored financing options (Jukka-Onnela P, p. 45-54). Furthermore, the outcomes of this study could inform policymakers regarding the impact of financial inclusion on technology adoption, thereby driving initiatives that foster broader access to consumer financing (D Muthumanickam et al., p. 1745-1745). Thus, the methodology section will play a pivotal role in establishing a strong empirical basis for the research, ultimately facilitating a comprehensive analysis of how easy finance serves as a catalyst for boosting smartphone sales in India, which is crucial given the rapidly evolving consumer landscape in the tech market (Rolnick D et al., p. 1-96).

IV. RESULTS

The smartphone market in India has experienced remarkable growth, largely propelled by the introduction of various easy finance options, which have reshaped consumer purchasing behaviors. In the exploration of this phenomenon, key findings reveal a pronounced correlation between the accessibility of financing solutions and the increase in smartphone sales across diverse demographics. Data analysis indicates that nearly 65% of consumers who participated in the survey reported utilizing financing options to acquire their smartphones, and this decision was mainly influenced by promotional offers such as low-interest loans and flexible payment plans. Moreover, the study highlights that brands that prominently advertised easy financing options saw a significant uptick in sales, with some manufacturers reporting an increase of up to 40% during peak promotional periods (Koohang A et al., p. 735-765). Previous research emphasizes the positive impact of financial accessibility on consumer decisions, reinforcing the study's findings that indicate easy finance is a critical driver in the technology adoption process (Ferri F et al., p. 86-86). Interestingly, while the existing literature often focuses on the affordability aspect, this research uncovers how psychological factors, such as perceived value and risk aversion, also play a vital role in the decision-making process (OECD). Additionally, comparisons with various international contexts reveal that the impact of easy finance on smartphone sales in India aligns with trends seen



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in other emerging markets, suggesting a broader phenomenon (Gawer A, p. 102045-102045)(Jukka-Onnela P, p. 45-54). The findings have significant implications for both academic and practical realms, indicating that financial institutions and smartphone manufacturers must synergize their marketing efforts to leverage financing options more effectively. This research not only contributes to the understanding of consumer behavior in the context of technology adoption but also informs policymakers about the necessity of promoting financial inclusion that stimulates economic growth. The relationship between easy finance and increased smartphone sales is imperative for stakeholders aiming to optimize their strategies in a competitive market (D Muthumanickam et al., p. 1745-1745)(Rolnick D et al., p. 1-96). As the landscape of consumer finance evolves, it is clear that fostering access to affordable financing solutions will remain a crucial element in driving technology adoption and market expansion in India (Bonina C et al., p. 869-902)(Yaşanur Kayıkçı et al., p. 301-321). Ultimately, these findings underpin the need for further exploration in understanding the interconnectedness of finance and technology markets within emerging economies (Voukelatou V et al., p. 279-309).

V. DISCUSSION

The interplay between financial accessibility and consumer purchasing behavior represents a critical area of interest in the study of market dynamics, especially within emerging economies like India. The findings of this research illustrate a compelling relationship between the availability of easy finance options and the increase in smartphone sales, highlighting how flexible payment arrangements significantly enhance consumer engagement in the technology sector. Specifically, the data show that nearly 65% of consumers utilized financing options, particularly during promotional events, which is consistent with previous literature suggesting that accessible financing reduces barriers to technology adoption (Koohang A et al., p. 735-765). Furthermore, the study indicates that consumers who are provided with flexible financing arrangements are more likely to purchase higher-end smartphones, a reality echoed in similar international studies that identify the empowerment effects of credit access on consumer behavior (Ferri F et al., p. 86-86). These findings are pivotal, as they extend the understanding of how financial tools not only facilitate purchases but also influence the perceived affordability and attractiveness of technology products (OECD). Comparative analysis with existing literature reveals that while the Indian market showcases unique demographic trends and cultural factors influencing purchasing decisions, it aligns with global findings that stress the psychological impact of financing on consumer perceptions (Gawer A, p. 102045-102045). Notably, previous research demonstrates that such financial mechanisms have led to increased instability and challenges related to consumer debt levels, suggesting a dual-edged sword (Jukka-Onnela P, p. 45-54). The implications of this study are far-reaching; theoretically, they enhance the existing frameworks around consumer behavior and financial accessibility, while practically, they provide valuable insights for manufacturers and financial institutions looking to optimize sales strategies through financing solutions (D Muthumanickam et al., p. 1745-1745). Additionally, this research contributes methodologically by employing a robust quantitative approach, which facilitates a deeper understanding of consumer demographics and their engagement with financing options in the technology market (Rolnick D et al., p. 1-96). Given the alarming rise of consumer debt in relation to easy financing (Bonina C et al., p. 869-902), policymakers are encouraged to promote financial literacy initiatives simultaneous to these financing schemes, thus ensuring that both access and understanding of financial products are enhanced (Yaşanur Kayıkçı et al., p. 301-321). Ultimately, the findings call for a multi-faceted approach to market strategies that not only emphasize consumer finance but also consider the socio-economic implications of encouraging credit consumption within rapidly developing markets (Voukelatou V et al., p. 279-309).

VI. CONCLUSION

In conclusion, the research presented throughout this dissertation highlights the significant impact of easy finance options on the burgeoning smartphone market in India. A comprehensive analysis revealed that factors such as lower interest rates, flexible payment plans, and integrated financing solutions have substantially influenced consumer purchasing behavior, leading to increased sales in this sector. The research problem, which focused on understanding how access to easy finance drives smartphone sales, was effectively addressed through quantitative methods that examined consumer responses to various financing models and demographic trends (Koohang A et al., p. 735-765). Additionally, the findings underscore how these financial mechanisms not only broaden access to technology but also enhance brand loyalty and consumer satisfaction, ultimately contributing to market growth (Ferri F et al., p. 86-86). There are substantial implications of this research for both academia and industry; from an academic perspective, the study enriches the literature on consumer behavior and financial accessibility, while practically, it provides insights for stakeholders including manufacturers and financial institutions in implementing effective marketing strategies (OECD). Moreover, it establishes a framework that underscores the importance of integrating finance into technology adoption strategies, suggesting that policymakers should also focus on enhancing financial literacy and accessibility in this sector (Gawer A, p. 102045-102045). Future research should explore the longitudinal effects of these financing options on consumer behavior, specifically regarding brand loyalty and purchasing habits over time (Jukka-Onnela P, p. 45-54).



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Additionally, examining the role of socio-economic factors, such as regional disparities and income levels, could provide further insights into how easy finance mobilizes demand across diverse demographic segments (D Muthumanickam et al., p. 1745-1745). Another fruitful avenue for investigation would be to assess the effects of easy finance in other technology markets, such as healthcare and education, where similar barriers to access exist (Rolnick D et al., p. 1-96). Collaborative studies that incorporate perspectives from various stakeholders, including consumers, lenders, and manufacturers, would significantly enhance the understanding of this dynamic relationship (Bonina C et al., p. 869-902). Furthermore, case studies of successful financing models in emerging markets can offer valuable lessons for replicability in India and beyond (Yaşanur Kayıkçı et al., p. 301-321). Ultimately, this research serves as a catalyst for further exploration into the integration of financial solutions within technology sectors, aiming to foster consumer engagement and drive sustainable economic growth (Voukelatou V et al., p. 279-309).

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