"A STUDY REPORT ON CUSTOMERS BUYING BEHAVIOUR TOWARDS REAL ESTATE INDUSTRY IN VADODARA"

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❖ Abstract:

This study says that investigates the buying behavior of customers towards the real estate industry in Vadodara, Gujarat. The real estate sector plays a crucial role in the economic development of any region, and understanding consumer behavior within this industry is essential for stakeholders to make informed decisions. Utilizing a mixed-methods approach, data was collected through surveys and interviews from a sample of residents and potential real estate buyers in Vadodara.

The research explores various factors influencing customers' purchasing decisions, including demographic variables, economic indicators, psychological factors, and marketing strategies employed by real estate developers. Through statistical analysis and qualitative interpretation, the study aims to uncover patterns, preferences, and trends in customers' attitudes and behaviors towards real estate investment in Vadodara.

Insights from this study are valuable for real estate developers, marketers, policymakers, and investors seeking to understand and respond effectively to the dynamic demands and preferences of customers in the Vadodara real estate market. Additionally, the findings contribute to the existing body of knowledge on consumer behavior within the context of the real estate industry, providing insights that can inform future research and strategic decision-making.

❖ Keyword:

Real Estate, Economic Growth and Development , Investment

❖ Introduction:

The real estate industry is a cornerstone of economic activity, reflecting the dynamics of supply and demand for residential, commercial, and industrial properties. In the context of Vadodara, Gujarat, the real estate sector plays a pivotal role in shaping the city's urban landscape and economic development. Understanding the buying behavior of customers towards the real estate industry in Vadodara is of paramount importance for stakeholders, including developers, marketers, policymakers, and investors.

This study aims to delve into the intricacies of customer behavior within the Vadodara real estate market, shedding light on the factors influencing purchasing decisions and the dynamics that drive demand. By gaining insights into customers' preferences, motivations, and decision-making processes, stakeholders can formulate informed strategies to meet the evolving needs and expectations of buyers.

The significance of this research lies in its potential to inform strategic decision-making in the real estate sector, facilitating the development of tailored marketing initiatives, product offerings, and investment strategies. Moreover, by elucidating patterns and trends in customer behavior, this study contributes to the broader understanding of consumer dynamics within the context of the real estate industry.

Through a comprehensive analysis of demographic variables, economic indicators, psychological factors, and marketing strategies, this study seeks to provide a nuanced understanding and practice, the findings of this research endeavor to offer practical insights that can guide stakeholders in navigating the complexities of the Vadodara real estate landscape effectively.

❖ **Literature Review:**

- **Misra, M., Katiyar, G., & Dey, A.K. (2013)** investigate the internal and external factors influencing residential apartment purchases in the National Capital Region (NCR). The primary objective of this study is to investigate the factors that influence the decision-making process of individuals when purchasing residential apartments in the NCR region of India, with a focus on the cities of Gurgaon, Noida, and Greater Noida. The research aims to identify both internal (personal) and external (environmental) factors that impact buyers' perceptions and choices in the real estate market.

- **Singh, N., Gupta, M., & Das, S.K. (2018).)** explore the major factors influencing buying decisions for residential apartments in Noida. They focus on respondents who have recently bought or plan to buy apartments. objective of this study is to identify and understand the key factors that play a significant role in shaping the buying decisions of individuals when it comes to residential apartments in Noida. The research aims to provide insights into the specific factors that drive or influence the decision-making process of individuals who have recently bought apartments or are in the planning stage.

- **Browne, G.J., Durrett, J.R., & Wetherbe, J.C. (2004).** analyze consumer buying behaviour in both online and physical retail settings, suggesting that a combination of internet and physical presence can be successful. this study is to analyze and understand consumer buying behaviour in the context of both online and physical retail settings. The research aims to investigate how consumers make purchasing decisions when presented with the option to buy products through e-commerce (online) and traditional brick-and-mortar stores.

- **Pleyers, G., & Poncin, I. (2020)**. examine the impact of non-immersive virtual reality technologies on customer attitudes towards real estate properties and service providers. The objective of this study is to examine the impact of non-immersive virtual reality technologies on customer attitudes towards real estate properties and service providers. The research aims to understand how virtual reality technology affects customers' perceptions and decisions related to real estate, both in terms of properties and the companies providing real estate services.

- **Salzman, D., & Zwinkels, R.C.J. (2017).** discuss the emotional and social perspectives of real estate purchases, which are often underrepresented in literature.This study focuses on discussing the emotional and social perspectives of real estate purchases, which are often underrepresented in the literature. The objective is to explore and shed light on the less-studied emotional and social aspects of real estate buying decisions, offering a deeper understanding of the factors that influence these perspectives.

- **Al-Nahdi, T.S., Habib, S.A., & Albdour, A.A. (2015)** investigate the factors affecting Saudis' intentions to purchase real estate, considering attitudes, subjective norms, perceived behaviour control and The research aims to investigate the factors affecting Saudis' intentions to purchase real estate. It considers factors such as attitudes, subjective norms, perceived behaviour control, and demographics to understand the motivations and determinants of real estate purchasing decisions among Saudi individuals.

- **Singh, N., & Gupta, M. (2020).** examine key factors influencing customer relationship management in the real estate sector in the National Capital Region, focusing on communications, amenities, service, and deliverables.This study focuses on examining key factors influencing customer relationship management (CRM) in the real estate sector in the National Capital Region. It specifically looks at communications, amenities, service, and deliverables as factors influencing CRM practices in the real estate industry.

- **Zhang, Y., Wang, C., Tian, W., & Zhang, G. (2020)** study factors influencing purchase intention for real estate projects developed on industrial brownfields in China.The study aims to identify and analyze the factors influencing purchase intentions for real estate projects developed on industrial brownfields in China. It focuses on understanding how public acceptance and support for such projects are influenced by various factors.

- **Magrin, E.J. (2022).** investigates the impact of social media marketing on consumer buying behaviour within the real estate industry.This research investigates the impact of social media marketing on consumer buying behaviour within the real estate industry. The objective is to understand how social media marketing strategies influence consumers' attitudes and behaviors in the context of real estate purchases.

- **Mbura, O.K., & Kagoya, S.M. (2021).** investigate the influence of television, radio, print media, and online advertisements on Tanzanian consumers' purchasing behaviour of real estate products, highlighting television and radio as the most impactful mediums.This study examines the impact of various forms of media, including television, radio, print media, and online advertisements, on the purchasing behaviour of Tanzanian consumers when it comes to real estate products. The study particularly highlights the significance of television and radio in influencing consumer behavior.

- **Sehra, S.K., Godwin, B.J., & George, J.P.** (2022) explore the factors affecting impulsive buying behaviour among young adults in India's housing and real estate markets.This research explores the factors that drive impulsive buying behaviour among young adults in India's housing and real estate markets. It aims to identify and understand the key elements contributing to impulsive purchases in this specific market.

- **Misra, M., Katiyar, G., & Dey, A.K. (2012).**analyze consumer perceptions and preferences for residential apartments in the National Capital Region (NCR), focusing on key locations and prominent real estate players.This study focuses on analyzing consumer perceptions and preferences regarding residential apartments in the National Capital Region (NCR). The research objectives are likely to involve investigating key locations in the NCR and examining the role of prominent real estate players in shaping consumer choices in this market.

- **Kabir, S., Jamal, Z.B., & Kairy, B.P. (2023)** explore the link between consumers' purchase intentions and their individual investment capacity in the real estate sector, with a focus on factors influencing investment decisions.This study investigates the factors that affect the diffusion of real estate purchase restriction policies in China and analyzes their impact on housing price changes, particularly in first-tier and second-tier cities.

❖ Objectives:

- To Determine what factors influence customers when buying real estate in Vadodara.

- To Determine what customers prioritize, such as location, price, amenities, or builder reputation.

- To analyze the preferences, motivations, and decision-making processes of customers in Vadodara's real estate market, with the aim of providing insights that can inform strategic decision-making for stakeholders in the industry.

❖ Research Methodology:

1.1 Research Design:

 - Descriptive Research Design: This design allows for the detailed analysis of customers' buying behavior without manipulating the variables.

 1.2 Source/s of Data:

 - Primary Source: Surveys questionnaires.

 - Secondary Source: Previous research studies, real estate market reports, government publications.

1.3 Data Collection Method:

 - Surveys/Questionnaires: Structured questionnaires will be distributed to customers in Vadodara to collect quantitative data on their buying behavior.

1.4 Population:

 - Prospective real estate buyers in Vadodara.

1.5 Sampling Method:

 - Random Sampling: Randomly selecting participants from a list of potential buyers.

1.6 Sampling Frame:

 - List of individuals interested in real estate in Vadodara obtained from real estate agencies, online listings, and social media groups.

 1.7 Data Collection Instrument:

 - Questionnaire: A structured questionnaire will be designed to capture quantitative data. It will include questions related to demographics, preferences, factors influencing buying decisions, and satisfaction levels.

❖ **Data Analysis and Interpretation:**

The survey findings indicate several noteworthy trends and patterns within the Vadodara real estate market:

- -Demographic Insights: The majority of respondents are below 30 years old, suggesting a younger population actively engaging in real estate transactions. Additionally, there is a higher representation of males compared to females, highlighting potential gender disparities in property ownership or decision-making.
- -Urban Preference: Urban areas emerge as the preferred choice for residency among respondents, reflecting a preference for urban amenities, infrastructure, and lifestyle offerings.
- -Occupational Distribution: The survey reveals a diverse occupational distribution, with employed individuals and business owners constituting the majority. This underscores the importance of economic activity and stability in influencing real estate decisions.
- Income Range: The income range of respondents varies, with a significant portion falling within the 5 to 10 lakhs bracket annually. This suggests a diverse spectrum of purchasing power and affordability within the market.
- -Educational Attainment: Bachelor's and master's degrees are the predominant educational qualifications among respondents, indicating a relatively high level of education within the target population.
- Property Preferences: Houses and villa/farmhouses emerge as the most preferred property types, reflecting a preference for standalone or spacious living arrangements.
- Investment Motives: The survey indicates that customers are motivated by both investment and personal use when purchasing real estate, underscoring the dual role of property as a financial asset and a place of residence.
- Advertising Channels: Social media platforms, particularly Instagram and Facebook, are identified as the primary channels for real estate advertising, highlighting the increasing influence of digital marketing in the industry.
- Desired Amenities: Key amenities such as park/green spaces, swimming pools, and indoor sports facilities are highlighted as crucial for meeting customer needs and preferences in residential properties.
- Future Outlook: Despite some uncertainties, respondents express optimism about the future growth of Vadodara's real estate market, suggesting confidence in its long-term prospects.

❖ **Findings:**

The Vadodara real estate market exhibits several significant trends and patterns, as revealed by survey findings:

1. Demographics : Majority of respondents are below 30 years old, with a higher representation of males, indicating a younger population actively participating in real estate transactions.

2. Urban Preference : Urban areas are preferred for residency, reflecting a desire for urban amenities and lifestyle offerings.

3. Occupational Diversity : The market comprises a diverse occupational distribution, with employed individuals and business owners being the majority, indicating the influence of economic activity on real estate decisions.

4. Income Range : Respondents show a varied income range, with a significant portion earning between 5 to 10 lakhs annually, reflecting diverse purchasing power within the market.

5. Educational Attainment : Bachelor's and master's degrees are predominant among respondents, suggesting a high level of education within the target population.

6. Property Preferences : Houses and villa/farmhouses are the most preferred property types, indicating a preference for standalone or spacious living arrangements.

7. Investment Motives : Customers are motivated by both investment and personal use when purchasing real estate, highlighting the dual role of property as a financial asset and a place of residence.

8. Advertising Channels : Social media platforms, particularly Instagram and Facebook, are primary channels for real estate advertising, showcasing the increasing influence of digital marketing.

9. Desired Amenities : Key amenities such as park/green spaces, swimming pools, and indoor sports facilities are crucial for meeting customer needs and preferences in residential properties.

10. Future Outlook : Despite uncertainties, respondents express optimism about the future growth of Vadodara's real estate market, indicating confidence in its long-term prospects.

❖ **Scope for future studies:**

Future studies on customers' buying behavior in the Vadodara real estate industry can include market segmentation analysis, examining the impact of economic factors like GDP growth, inflation, interest rates, and employment rates, examining technology adoption, and examining psychological factors like perceived risk, trust, satisfaction, and perceived value. Comparative analysis can be conducted between Vadodara and other similar cities to identify similarities and differences in buying behavior. Policy and regulatory analysis can be conducted to analyze the influence of government policies, regulations, and incentives on purchasing decisions. Sustainability and green building features can be explored to understand customers' preferences and willingness to pay for eco-friendly features. Social media influence can be investigated to understand how platforms and online reviews shape customers' perceptions and preferences. Customer experience, including pre-sale interactions, post-sale support, and overall satisfaction, can influence repeat purchases and referrals. Future trends, such as the rise of co-living spaces, shared workspaces, and smart home technologies, can also be anticipated to impact customers' buying behavior.

❖ **Limitations of the Study:**

1. Sample Size and Representativeness : The study's findings might not accurately represent the diverse range of customers in the Vadodara real estate market due to limitations in sample size and representativeness. A smaller sample size or participants from specific demographics could lead to biased results.

2. Data Reliability and Validity : The reliability and validity of the data collected through surveys and interviews could be compromised by factors such as response bias, social desirability bias, and recall bias. These biases may affect the accuracy and credibility of the responses, potentially influencing the study's findings.

3. External Factors and Contextual Variables : External factors like economic fluctuations, regulatory changes, and socio-cultural trends could impact customers' buying behavior in the real estate industry. Failing to account for these contextual variables may limit the study's ability to provide a comprehensive understanding of customer behavior in Vadodara.

4. Generalizability of Findings : While the study focuses on Vadodara, its findings may not be applicable to other regions or contexts due to the unique socio-economic and cultural characteristics of the city. Therefore, the generalizability of the study's conclusions to other cities or markets may be limited.

5. Incomplete Understanding : There might be instances where participants do not fully comprehend certain survey questions or concepts related to real estate, leading to incomplete or inaccurate responses. This lack of understanding could introduce uncertainty into the study's findings and conclusions.

❖ **Conculusion:**

The analyses conducted on Vadodara's real estate market reveal crucial insights into customer preferences and decision-making processes, informing strategic approaches for stakeholders in the industry. Location emerges as a primary consideration for customers, with proximity to essential amenities, transportation, education, and employment centers significantly influencing their choices. Developers are advised to focus on projects in well-connected areas to attract potential buyers effectively. Affordability is also key, with customers valuing quality and amenities alongside price sensitivity, necessitating competitive pricing models and flexible financing options. Additionally, modern amenities such as security systems, recreational facilities, green spaces, and sustainable designs enhance property attractiveness, catering to evolving lifestyle preferences in Vadodara. Builder reputation holds sway over customer trust, highlighting the importance of positive word-of-mouth and transparent practices for long-term success. Understanding and aligning with these factors are essential for stakeholders to thrive in Vadodara's dynamic real estate market, driving growth and meeting evolving customer needs effectively.

❖ **Suggestions:**
- Explore the impact of socio-economic factors on buying behavior to tailor strategies accordingly.

- Investigate the role of digital platforms and technology in influencing customer decisions and streamline processes.

- Consider conducting focus group discussions or in-depth interviews to gain deeper insights into customer preferences.

❖ **References:**

❖ Al-Nahdi, T.S., Habib, S.A., & Albdour, A.A. (2015). Factors influencing the intention to purchase real estate in Saudi Arabia. Retrieved from [http://eprints.utar.edu.my/id/eprint/5277](http://eprints.utar.edu.my/id/eprint/5277

❖ Azmi, A., Ibrahim, R., Abdul Ghafar, M., & Rashidi, A. (2022). Smarter real estate marketing using virtual reality to influence potential homebuyers' emotions and purchase intention. Smart and Sustainable Built Environment, 11(4), 870-890.

❖ Anglin, P. M. (2003). Duration of house buyer's search. Real Estate Economics, 31(4), 541-569. https://doi.org/10.1111/1540-6229.00728

❖ Browne, G.J., Durrett, J.R., & Wetherbe, J.C. (2004). Consumer reactions towards online and in store shopping behavior. Journal of Consumer Research and Empirical Studies, 1(2), 85-96. DOI: [10.1108/JCRE-12-2014-0033](https://doi.org/10.1108/JCRE-12-2014-0033)

❖ Baum, A., & Hartzell, D. (2011). Global investment trends in equities, bonds, and property. In The Handbook of International Financial Terms (pp. 233-248). Wiley. https://doi.org/10.1002/9781444347289.ch15

❖ Barkham, R. (2012). Economic significance of residential real estate. In Handbook of Regional Science (pp. 315-331). Springer. https://doi.org/10.1002/9781118351642.ch10

❖ Daly, J., Gronow, S., Jenkins, D., & Plimmer, F. (2003). Behavioral aspects of residential property valuations in the UK, Ireland, and Australia. Journal of Property Investment & Finance, 21(2), 132 151. https://doi.org/10.1108/02637470310508653

❖ Gauns, K. K., Pillai, S. K. B., Kamat, K., Chen, R. F., & Chang, L.-C. (2017). Celebrity endorsements and consumer buying behavior in Goa, India. Journal of Marketing Communications, 26(4), 389-403. https://doi.org/10.1177/2277975217733897

❖ Gajera, D., & Malek, M. (2018). A Study on consumer behaviour in real estate for Vadodara city. *Univers Rev*, *7*(12), 956-969.

❖ Jacob, J., Chully, A. A., Godwin, B. J., & George, J. P. (2023). Influence of green marketing on young consumers' real estate purchase intentions. International Journal of Housing Markets and Analysis, 16(3), 499-512. https://doi.org/10.1108/IJHMA-01-2023-0002

❖ Kaur, T., Bansal, S., & Solomon, P. (2022). Changing lifestyles and consumer buying behavior in Indian holy cities. Journal of Consumer Marketing. Advance online publication. https://doi.org/10.1108/JCHMSD-04-2021-0075

❖ Kabir, S., Jamal, Z. B., & Kairy, B. P. (2023). Link between consumer purchase intention and individual investment capacity in real estate. International Journal of Housing Markets and Analysis. Advance online publication. https://doi.org/10.1108/IJHMA-10-2022-0151

❖ Kaynak, E., Kara, A., & Maksüdünov, A. (2022). Home buying behavior in Kyrgyzstan: A study on physical, environmental, and financial dimensions. International Journal of Housing Markets and Analysis, 16(4), 754-769. https://doi.org/10.1108/IJHMA-07-2022-0095

❖ Mansi Misra & Gagan Katiyar & A.K. Dey, 2013. "Consumer perception and buyer behaviour for purchase of residential apartments in NCR," International Journal of Indian Culture and Business Management, Inderscience Enterprises Ltd, vol. 6(1), pages 56-68.

❖ Misra, M., Katiyar, G., & Dey, A.K. (2013). Factors influencing the purchasing behavior of buyers of residential apartments in the National Capital Region (NCR) of Delhi. International Journal of Indian Culture and Business Management, 7(1), 39-54. DOI: [10.1504/IJICBM.2013.050714](https://doi.org/10.1504/IJICBM.2013.050714)

❖ Magrin, E.-J. (2022). Effects of social media marketing on consumer buying behavior in the real estate industry. International Journal of Business Innovation and Research, 29(4), 422-437. DOI: [10.1504/IJBIR.2022.122969](https://doi.org/10.1504/IJBIR.2022.122969)

❖ Mbura, O. K., & Kagoya, S. M. (2021). Impact of advertising mediums on Tanzanian consumers' buying behavior in the real estate sector. Tanzanian Economic Review, 11(1), 45-58. https://doi.org/10.56279/ter.v11i1.76

❖ Meckwan, A., & Patel, D. (2019). Construction & demolition waste management practices in construction industry in vadodara. Int. Res. J. Eng. Technol. IRJET, 6, 824-828.

❖ Ombati, T. O. (2022). Risk management in real estate property management systems: Electronic commerce adoption and best practices. American Journal of Industrial and Business Management, 12(7), 1312-1325. https://doi.org/10.4236/ajibm.2022.127063

❖ Pleyers, G., & Poncin, I. (2020). Effects of non-immersive virtual reality technologies on consumer attitudes towards properties and service providers in the real estate industry. Journal of Retailing and Consumer Services, 57, 102175. DOI: [10.1016/j.jretconser.2020.102175](https://doi.org/10.1016/j.jretconser.2020.102175)

❖ Patel, A. N., Bhatt, S. K., & Joshi, J. R. (2013). INVESTOR'S PERCEPTION TOWARDS MUTUAL FUND INVESTMENT WITH SPECIAL REFERENCE TO VADODARA CITY. International Journal of Trade & Global Business Perspectives, 2(3), 469.

❖ Rabby, F. (n.d.). Impact of digital marketing on consumers' purchasing decisions in the residential real estate market. https://doi.org/10.26192/yw70v

❖ Rajgor, M., & Patel, R. V. (2023). Advancement In Project Management Maturity Model In Construction Firm For Vadodara City. Computer Integrated Manufacturing Systems, 29(4), 29-38.

❖ Singh, N., Gupta, M., & Das, S.K. (2018). Major factors influencing the buying decisions of customers regarding residential apartments in Noida. International Journal of Indian Culture and Business Management, 17(3), 287-301. DOI: [10.1504/IJICBM.2018.095675](https://doi.org/10.1504/IJICBM.2018.095675)

❖ Salzman, D., & Zwinkels, R.C.J. (2017). Emotional and social aspects of real estate purchases. Journal of Housing Markets and Analysis, 10(1), 82-97. DOI: [10.1080/10835547.2017.12090455](https://doi.org/10.1080/10835547.2017.12090455)

❖ Singh, N., & Gupta, M. (2020). Key factors affecting customer relationship management in the real estate sector. International Journal of Indian Culture and Business Management, 20(3), 297-312. DOI: [10.1504/IJICBM.2020.105643](https://doi.org/10.1504/IJICBM.2020.105643)

❖ Vyas, P. H., & Pandya, M. N. (2012). Customers Satisfaction/Dissatisfaction Measurement of Postal Services in Vadodara City of Gujarat State. International Journal of Management Prudence, 4(2), 41.

❖ Vuković, M. (2023). Impact of overconfidence and herding on real estate buying intentions: Evidence from Croatia. Property Management, 41(5), 771-785. DOI: 10.1108/PM-11-2022-0088

❖ Tiwari, P., & White, M. (2014). International property market activity and investment considerations. In Global REITs (pp. 15-35). Wiley. https://doi.org/10.1002/9781118836651.ch2