"A Study on Investor Behaviour and Preferences in India's Capital Market: Insights from Behavioural Finance"

¹ Vidhi Dani, ² Dr. M.S. Suganthiya, ³ Dr. Bhawna Sharma

¹ MBA (Banking and Finance) Amity Business School, Amity University Maharashtra

² Professor at Amity Business School, Amity University Mumbai

³ Director – International Affairs and Programs, and Offig. HOI - ABS, Amity University Mumbai

ABSTRACT :

This research investigates investor behavior and preferences in India's capital market, with a focus on behavioral finance. Traditional financial theories often assume that investors act rationally, but behavioral finance recognizes that psychological biases and emotions play a crucial role in investment decisions. Through a structured survey that examines key factors influencing investor behavior, this study analyzes responses from a diverse group of investors, assessing demographic variables such as age, gender, occupation, and investment experience, along with psychological tendencies like risk tolerance, emotional decision-making, and herd behavior. The findings provide insights into how investors in India navigate the capital market, revealing prevalent biases such as overconfidence, loss aversion, and the influence of social media and rumors in investment decisions. Additionally, the study identifies common investor goals, preferences for investment instruments, and the frequency of participation in the market. The role of emotional attachment to investments and the tendency to follow popular trends is also explored. By combining demographic data with behavioral insights, the research enhances understanding of the complex psychological dynamics shaping investment strategies in India's evolving financial landscape.

Keywords: India's Capital Market, Behavioural Finance, Investor Behaviour, Psychological Biases, Overconfidence, Herd Mentality, Loss Aversion, Financial Literacy, Risk Perception, Market Trends, Media Influence, Investment Preferences.

1. Introduction

India's capital market has seen significant growth in recent years, emerging as one of the most dynamic financial systems globally. It is composed of the primary market, where securities are issued for the first time, and the secondary market, where they are traded. The market is regulated by the Securities and Exchange Board of India (SEBI), ensuring transparency and investor protection. Major exchanges like the Bombay Stock Exchange (BSE) and National Stock Exchange (NSE) facilitate the trading of a wide range of financial instruments, including equities, bonds, and mutual funds, contributing to the market's expansion. However, challenges like market volatility, investor education, and the influence of psychological biases continue to impact investor decision-making.

Despite its growth, India's capital market faces several challenges, such as inadequate investor education and the impact of cognitive biases. Investors often lack a deep understanding of the risks involved in market participation, which can result in suboptimal decisions. Emotional and psychological factors, such as overconfidence and herd behavior, frequently affect decision-making, sometimes leading to poor investment outcomes. Addressing these issues is essential for improving the market's efficiency and protecting investors.

Investor behavior is a multifaceted phenomenon that extends beyond rational financial decision-making. While traditional finance assumes that investors make decisions based on available information to maximize returns, behavioral finance integrates psychological insights into understanding investment choices. Investors often act under the influence of emotions, cognitive biases, and social factors, leading to deviations from rational market expectations. These biases create inefficiencies in the market, as they skew investment decisions and market movements.

In India, investor behavior is influenced by individual experiences, cultural factors, and social dynamics. Psychological tendencies such as overconfidence, loss aversion, and emotional attachment to investments frequently shape decision-making. Investors may hold onto losing stocks due to emotional attachment or make decisions based on trends and rumors rather than sound analysis. Understanding these behavioral patterns is crucial for improving investment strategies and market efficiency, ultimately contributing to a more informed and resilient capital market.

2. Literature Review

A significant body of research has explored the influence of behavioral biases on investor behavior in Indian capital markets. Sharma and Maheswari (2016) examined the prevalence of herd behavior among Indian retail investors, particularly during periods of market volatility. Their study revealed that investors tend to follow the crowd, amplifying market swings and contributing to market inefficiencies. This herd mentality often results in buying stocks without proper analysis, based solely on the actions of others, which leads to market bubbles and sharp sell-offs. Such overreaction to market news highlights the significant impact of psychological biases on investment decisions.

Further research has highlighted other cognitive biases affecting Indian investors. Kumar and Goyal (2015) focused on loss aversion, which leads investors to feel greater psychological pain from losses than pleasure from equivalent gains. This bias causes investors to hold on to losing stocks in the hope of recovery, often to their detriment. Similarly, Chakraborty and Mukherjee (2018) investigated overconfidence among Indian investors and found that retail investors often overestimate their ability to predict market trends. This overconfidence leads to excessive risk-taking, frequent trading, and increased transaction costs, ultimately harming long-term returns. These biases contribute to inefficiencies in portfolio management and investment decision-making.

In addition to cognitive biases, other psychological factors such as mental accounting and anchoring also play a role in shaping investor behavior in India. Ghosh and Awasar (2017) explored mental accounting and found that investors irrationally treat different sources of money, which leads to inconsistent financial decisions and missed long-term goals. Sengupta and Saha (2019) examined anchoring bias, where investors anchor their decisions to initial prices, even when market conditions change. This reluctance to adjust expectations results in poor investment choices and further market inefficiencies. Both biases reflect how psychological factors distort rational decision-making in the capital markets.

Cultural and social influences are also significant factors in shaping investor behavior. Dasgupta and Chatterjee (2020) found that Indian investors are heavily influenced by cultural norms, with family advice and social conformity often guiding investment decisions. This social influence can lead to herd behavior, where investors follow popular trends without conducting proper research. Additionally, studies like those by Patel and Desai (2020) highlight the growing role of social media in shaping investment choices, especially among younger investors. The spread of rumors, trends, and stock tips on social media platforms further exacerbates herd behavior, leading to speculative trading and increased volatility in the market. Together, these studies emphasize the complexity of investor behavior in India, shaped by both individual biases and cultural influences.

3. Statement of the Problem

Despite traditional financial theories assuming that investors act rationally and base their decisions on logical analysis, real-world investor behaviour often deviates from this ideal. In the context of India's volatile capital market, investor decisions are frequently influenced by psychological biases, emotions, and external stimuli such as market trends and news. Behavioural tendencies like overconfidence, herd mentality, loss aversion, and mental accounting are commonly observed, potentially leading to irrational and suboptimal investment choices. However, there exists a significant gap in understanding how these behavioural factors specifically shape investment preferences and decision-making in the Indian financial landscape. This study aims to explore and analyze the influence of behavioural finance concepts on investor behaviour in India, thereby providing deeper insights into the psychological aspects driving investment patterns.

4. Objective of the study

- To analyze the factors influencing investor behavior in India's capital market.
- To examine the role of behavioral biases (such as overconfidence, loss aversion, and herding behavior) in the investment decisions of Indian investors.
- To assess the risk tolerance and preferences of investors in India's capital market.
- To investigate the sources of information and knowledge that Indian investors rely on for making investment decisions.

5. Research Methodology

This study uses a mixed-method research design, integrating both quantitative and qualitative approaches. While statistical analysis of surveys provides measurable insights, open-ended responses and interviews offer a deeper understanding of investor decision-making.

5.1 Data Collection Methods

- *Primary Data:*
  - *Surveys and Questionnaires:* Structured questionnaires were distributed to investors to understand their preferences, risk tolerance, investment goals, and behavioural biases.
- **Secondary Data:**

  - Stock Market Reports: Data from NSE, BSE, and other financial institutions to understand market trends and investor activities.
  - Financial Journals & Research Articles: Academic papers, industry reports, and government publications will be reviewed to contextualize the findings.

### 5.2 Data Analysis and Interpretation

This section presents the analysis and interpretation of data collected through the circulated questionnaire. It focuses on understanding investor behaviour and preferences based on responses to the survey.

1. Age
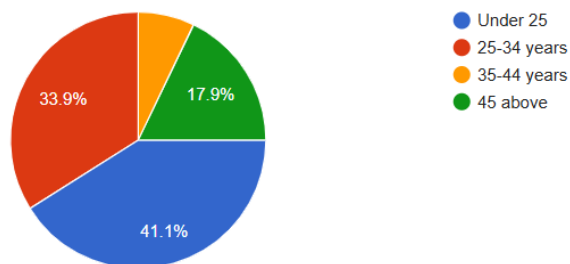
Interpretation : The pie chart shows that a majority of respondents are below 35 years, indicating a predominantly young and working-age investor base. This highlights the need for investment options tailored to early career goals, tech-savvy platforms, and long-term financial planning.

2. Gender
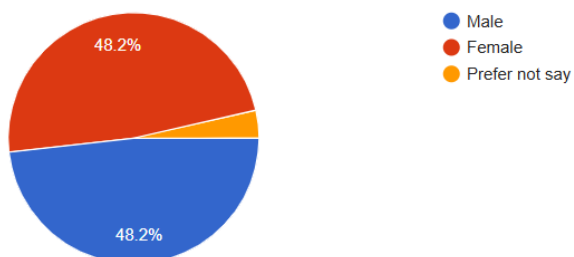
Interpretation : The pie chart indicates an equal representation of male and female respondents, each comprising 48.2% of the sample. A small portion (3.6%) preferred not to disclose their gender, reflecting a balanced and inclusive respondent base.

3. Occupation
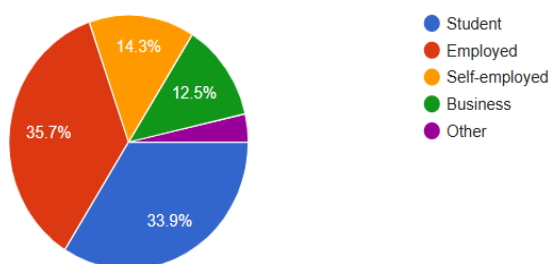
Interpretation : The data reveals a diverse respondent base, with the majority being employed individuals (35.7%) and students (33.9%), highlighting a mix of working professionals and young learners. Smaller segments include self-employed, business owners, and others, reflecting varied career backgrounds.

4. Investment Experience
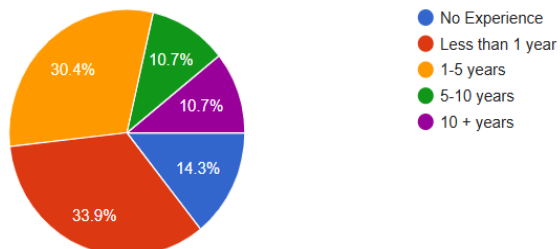
Interpretation : The majority of respondents have limited experience, with 33.9% having less than 1 year and 30.4% having 1–5 years, indicating a predominantly early-stage or intermediate group. Only a smaller portion (21.4%) has over 5 years of experience, suggesting fewer seasoned professionals in the sample.

5. How often do you invest in the Capital Market?
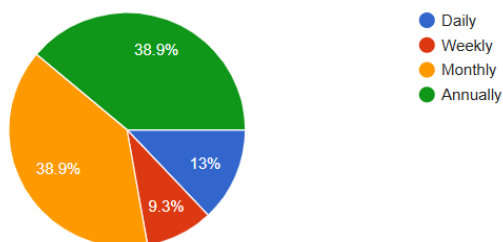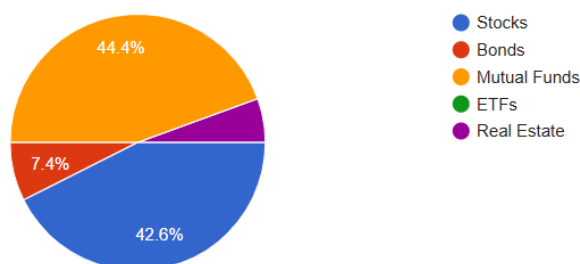

Interpretation : The data shows that investment activity is most commonly done on a monthly or annual basis, each making up 38.9% of responses. Daily and weekly investments are less common, indicating a preference for longer-term or periodic engagement.

6. What are your primary investment goals?
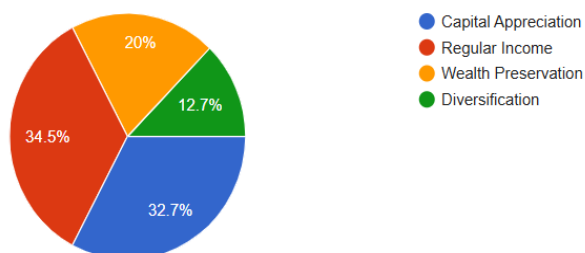
Interpretation : The chart indicates that most respondents prioritize Regular Income (34.5%) and Capital Appreciation (32.7%), reflecting a focus on both financial stability and growth. Wealth Preservation and Diversification are less emphasized, suggesting these are secondary financial goals.

**7. Which investment instruments do you prefer?**

Interpretation : The chart shows a strong preference for mutual funds (44.4%) and stocks (42.6%), highlighting a focus on market-linked investments. Bonds and real estate have minimal allocation, indicating lower interest in fixed-income or physical assets.

**8. What is your risk tolerance when investing in the stock market?**
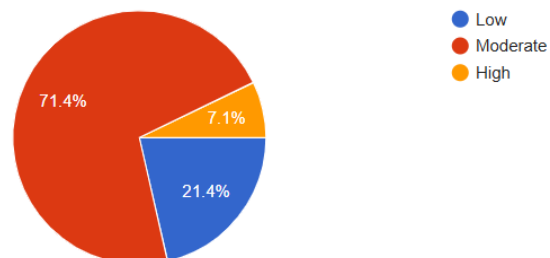
Interpretation : The chart indicates a strong preference for moderate-risk investments (71.4%), suggesting that most investors aim for a balanced approach between risk and return. Low-risk and high-risk options are less favored, reflecting cautious yet growth-oriented investment behavior.

*9. Do you follow the crowd when making investment decisions?*
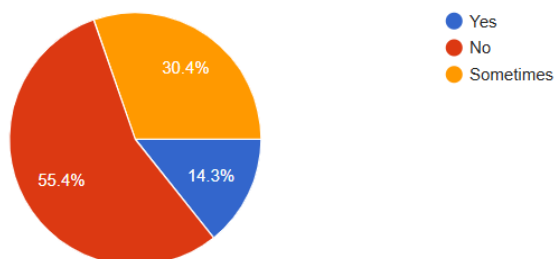
Interpretation : The chart reveals that most respondents (55.4%) disagreed with the statement, while 30.4% expressed occasional agreement. Only a small portion (14.3%) fully agreed, indicating overall skepticism or conditional support among participants.

*10. Do emotions affect your investment decisions?*
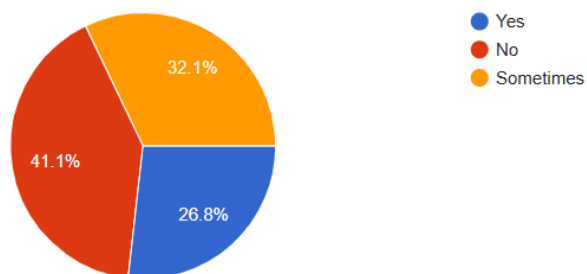
Interpretation : The chart shows that a majority of respondents (41.1%) disagreed with the statement, while 32.1% offered conditional agreement. A smaller group (26.8%) fully agreed, indicating mixed but mostly negative or hesitant responses.

*11. Have you ever made investment decisions based on rumours or news?*
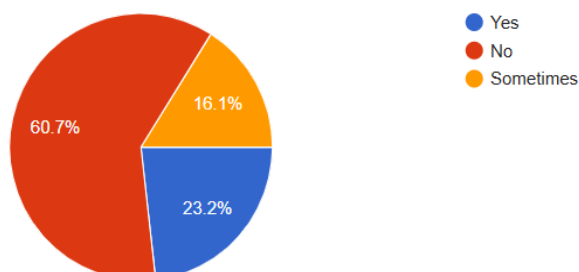
Interpretation : The chart shows that a clear majority (60.7%) disagreed with the statement, while only 23.2% agreed. The lowest percentage (16.1%) chose "Sometimes," indicating limited conditional support.

*12. When faced with a loss, what is your response?*
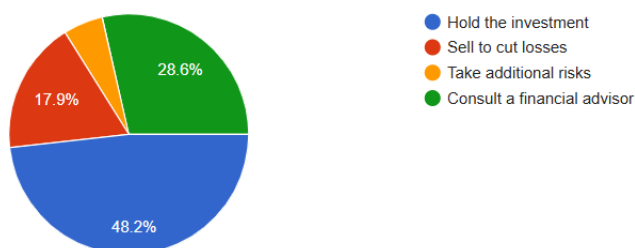
Interpretation: The chart indicates that most respondents (48.2%) prefer to hold their investments, showing a patient, long-term mindset. Consulting financial advisors (28.6%) is the next preferred approach, while very few are inclined to take additional risks (5.3%).

*13. Do you overestimate your ability to predict market movements?*
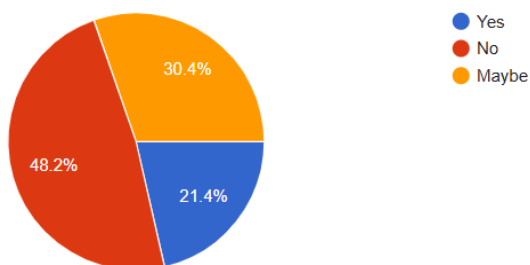
Interpretation : The chart shows that nearly half of the respondents (48.2%) disagreed with the statement, while 30.4% expressed uncertainty by selecting "Maybe." Only 21.4% agreed, indicating low overall support and a notable level of indecision.

14. Where do you get most of your information for investment decisions?
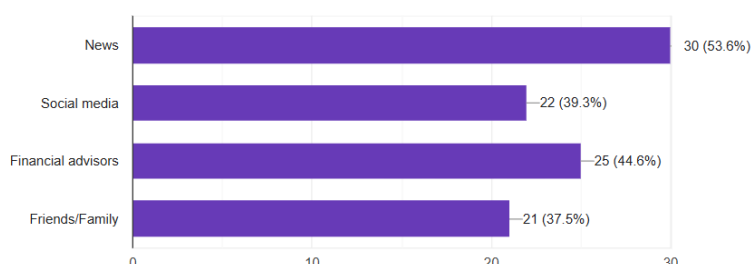
Interpretation : The chart shows that news (53.6%) is the most trusted source for financial decisions, followed by financial advisors (44.6%) and social media (39.3%). Friends and family are the least relied upon (37.5%), highlighting a preference for professional and media-based information.

15. How confident are you in your knowledge of the stock market?
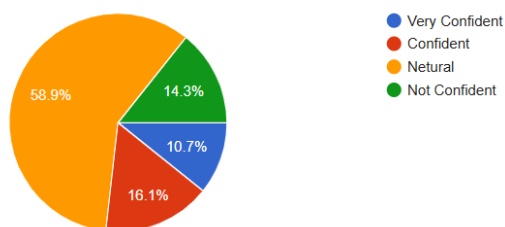
Interpretation : The chart shows that a majority of respondents (58.9%) feel neutral about their confidence level, indicating uncertainty or moderate self-assurance. Only a small portion (26.8%) feel confident or very confident, suggesting limited strong self-belief among participants.

16. Have you ever held onto a losing stock due to emotional attachment?
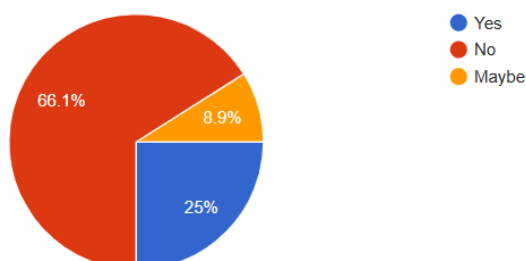

Interpretation : The chart reveals that most respondents (66.1%) claim to make rational investment decisions, avoiding emotional attachment to losing stocks. However, 25% admit to emotional influence, highlighting the relevance of behavioral factors in investment behavior.

17. How likely are you to follow an investment trend once it becomes popular?
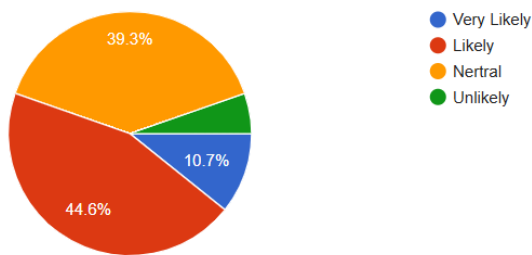
Interpretation : The chart shows that over half of the respondents (55.3%) are inclined to follow popular investment trends, indicating a strong presence of herd mentality. Meanwhile, 39.3% remain neutral, and only a small minority actively avoid trends, suggesting most investors are at least somewhat influenced by market movements.

18. Do you feel regret after making decisions that result in losses?
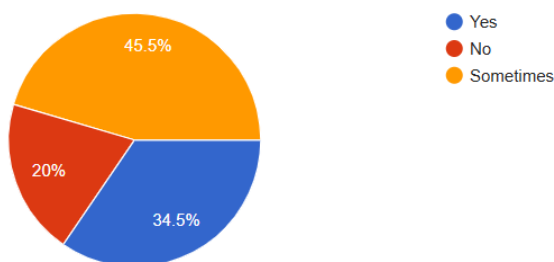
Interpretation : The data shows that 80% of respondents experience regret to some extent after investment losses, highlighting the emotional impact of financial setbacks. The largest group (45.5%) only sometimes feel regret, suggesting a balanced emotional approach to investing.

6. Conclusion

The study reveals that while a growing number of Indian investors are demonstrating rationality and awareness in their financial choices, emotional and psychological factors continue to play a significant role in shaping investment behavior. Many respondents admit to being influenced by emotions such as regret, attachment to underperforming stocks, and herd mentality. Despite a notable portion adopting disciplined investment strategies and moderate risk preferences, the data highlights that behavioral biases remain common. This underscores the relevance of behavioral finance in understanding investor behavior and decision-making patterns in India.

6.1 Summary of Findings

The demographic profile of the respondents shows a predominantly young audience, with a balanced gender distribution and a mix of students, working professionals, and self-employed individuals. A large share of participants has less than one year of investment experience, and most prefer to invest either monthly or annually. Investment objectives are centered around generating regular income and capital appreciation, while diversification receives comparatively less emphasis.

In terms of asset preferences, mutual funds and stocks are the most favored investment vehicles, indicating a preference for diversified yet accessible options. Bonds and real estate have minimal representation. When it comes to risk tolerance, the majority of respondents prefer moderate risk, suggesting a balanced yet cautious approach. Behavioral tendencies such as emotional attachment to losing investments, regret after losses, and a tendency to follow popular trends were prevalent. Although a portion of respondents maintains rationality in decision-making, the study found that many investors rely heavily on news and financial advisors for guidance, with social media and friends/family having a comparatively lesser influence. Confidence levels were mostly neutral, reflecting cautious sentiment and room for building stronger investment conviction.

6.2 Recommendations & Implications

A common point of view emerging from the recommendations is that improving financial literacy—particularly in behavioral finance—is crucial for all stakeholders in the investment ecosystem. Investors need to develop emotional resilience and align their strategies with long-term goals to avoid being swayed by psychological biases. By recognizing their emotional triggers and avoiding impulsive decisions, they can make more rational, well-informed choices even in volatile markets.

At the same time, financial advisors, educators, policymakers, and investment platforms all play a critical role in shaping investor behavior. Advisors should combine financial planning with behavioral coaching, while educators should update literacy programs to include emotional intelligence and real-

world scenarios. Meanwhile, platforms and policymakers must ensure access to credible, easy-to-understand information and tools that empower investors to make smarter, more confident decisions while minimizing the impact of misinformation and herd mentality.

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