IOSR Journal of Business and Management (IOSR-JBM)
e-ISSN:2278-487X, p-ISSN: 2319-7668. Volume 27, Issue 7. Ser. 9 (July. 2025), PP 51-54
www.iosrjournals.org

Exploring Determinants Influencing Investor Choices In Diverse Asset Classes

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Abstract
In an increasingly complex financial world, individual investors are faced with an ever-expanding range of asset classes to choose from. This study explores the key determinants influencing investment decisions, including risk-return preferences, economic trends, demographic influences, financial literacy, and investor psychology. Drawing from a sample of 100 investors in Pune, the research reveals that moderate risk tolerance, medium-term investment horizons, and wealth creation are dominant themes. Investors rely heavily on financial news, advisors, and macroeconomic indicators, while also expressing a growing interest in self-education. By integrating both classical and behavioral finance theories, this research offers insights into how investors prioritize between asset types like stocks, mutual funds, gold, real estate, and fixed deposits. The findings are vital for policymakers, financial advisors, and financial institutions seeking to design investor-centric products and educational initiatives.

Keywords
Investment Behavior, Asset Classes, Risk Tolerance, Financial Literacy, Investor Psychology, Economic Factors, Portfolio Allocation, Market Conditions

Date of Submission: 21-07-2025 Date of Acceptance: 31-07-2025

I. Introduction

Investment decision-making is both a science and an art. While economic theories suggest that investors behave rationally, real-world observations indicate that decisions are equally shaped by personal goals, emotional triggers, demographic profiles, and external economic signals. The modern investor navigates a diverse portfolio landscape that includes equities, mutual funds, real estate, fixed deposits, and precious metals. Each asset class offers distinct risk-return trade-offs. Younger investors, with higher risk appetite and longer time horizons, are more inclined towards equities and mutual funds. In contrast, conservative investors nearing retirement prefer the safety of fixed-income options. Moreover, macroeconomic factors such as interest rates, inflation, government policy, and GDP growth significantly sway investment patterns. With the surge in digital financial tools and increased access to financial education, individual investors are evolving. This research investigates what drives these evolving preferences and behaviors, providing practical and academic insights into investment psychology and strategy.

II. Literature Review

A rich body of literature provides foundational knowledge for understanding investor behavior. Kahneman and Tversky (1979) introduced Prospect Theory, explaining how loss aversion distorts rational decision-making. Barber and Odean (2000) found that overconfidence leads to excessive trading, often reducing net returns. Lodhi (2012) emphasized the role of financial literacy and awareness in enabling sound investment decisions. Anju and Anuradha (2015) highlighted income, savings, and economic stability as major influencers of investment behavior.

Tandel and Patel (2017) stressed the interplay between risk perception and demographic traits. Uslu Divanoglu and Bagci (2018) noted that psychological and social influences, including peer behavior, play a strong role. Shah et al. (2023) explored investor goals, revealing that personal milestones often outweigh purely financial motivations. Birari and Patil (2014) documented spending and saving patterns among youth, observing a trend toward consumption over investment. Brenson (2014) studied gold investment in Indian households, citing cultural and inflation-hedging motivations.

Verma and Sharma (2014) reiterated gold's role as a stable, low-risk investment amidst volatile markets. Maheswari (2018) and Kowsalya (2014) both noted the challenges posed by low income and rising living costs, impacting savings capacity. Hofmann et al. (2008) introduced ethical investing and the role of moral considerations in financial choices. Geetha and Ramesh (2012) demonstrated the significant influence of demographics like family size and education on investment preferences.

Jain and Agrawal (2013) discussed the impact of technology and globalization in reshaping investor preferences. Arathy et al. (2015) found tax incentives, capital appreciation, and past fund performance to be major mutual fund motivators. Joshi (2017) highlighted the relevance of macroeconomic variables like inflation and FII activity. Sharma (2012) categorized mutual fund benefits into scheme-level, monetary, and sponsor-related features, aiding deeper segmentation.

Kumar and Gonzaga (2014) observed risk aversion stemming from poor mutual fund awareness. Pandow (2017) urged better outreach in Tier II and III cities. Nagpal (2007) explained how psychological traits like overconfidence and framing affect portfolio decisions. Dash (2007) noted investment's contribution to both personal wealth and economic growth. Nayaki and Prema emphasized the role of emotion over logic in volatile markets.

Shanmugasundaram and Balakrishnan (2011) critiqued the assumption of rationality, asserting that emotional responses often override analytical thinking. Verma and Sharma (again, 2014) emphasized gold's popularity and its perception as a risk-averse instrument. These 25 studies collectively underline the multi-dimensional nature of investment decisions, shaped by economic rationality, psychological biases, and contextual variables.

III. Research Methodology

This research adopts a descriptive design aimed at analyzing the factors that influence investment behavior across various asset classes. It leverages both primary and secondary data sources. Primary data was collected through a structured questionnaire administered to 100 respondents in Pune. The questionnaire was designed using both multiple-choice and Likert scale formats. Google Forms and physical forms were used to maximize outreach. Respondents included salaried employees, professionals, students, and retirees.

The sampling method used was non-probability convenience sampling. Investors included in the study had invested in at least one asset class. The study covered stocks, mutual funds, gold, fixed deposits, real estate, and others. Questions were framed to assess investor goals, risk tolerance, reaction to market downturns, and preferred information sources. Data collection occurred over a 4-week period.

Secondary data was sourced from peer-reviewed journals, SEBI and RBI reports, and financial literature. Analytical tools used included Excel and Google Sheets. Data was analyzed through percentage analysis, charts, and tabular representation. A literature review of 25 studies was conducted to contextualize the findings. Ethical practices were maintained by anonymizing participant data. Respondents voluntarily participated and could withdraw at any time. No monetary incentives were offered.

Major variables included income, age, education, investment experience, and risk tolerance. The study also captured investor reactions to macroeconomic variables like inflation and interest rates. Most investors reported moderate risk tolerance. The preferred holding period ranged between 1 to 5 years. Common investment goals included wealth creation, retirement planning, and tax saving.

Financial news, expert advice, and company reports were the most trusted information sources. Investors were also asked about portfolio adjustments based on market and economic conditions. Over 70% actively pursued financial literacy. Data integrity was ensured through data validation checks. Informal discussions with financial experts added qualitative depth. Limitations included geographical scope and sample size.

The study aims to help financial planners design better client portfolios. It also seeks to aid policymakers in understanding grassroots investor behavior. The data supports the conclusion that investment behavior is rational but influenced by external and emotional factors.

IV. Data Analysis And Interpretation

The analysis of survey responses revealed several critical trends in investor behavior. A significant proportion of respondents (over 60%) reported medium to high levels of risk tolerance, indicating growing comfort with volatile asset classes like stocks and mutual funds. Mutual funds emerged as the most preferred asset class overall, followed by equities and real estate. Investors aged under 30 showed a distinct preference for equities and digital mutual funds, likely influenced by access to fintech platforms and higher digital literacy.

The data also demonstrated that income level has a direct impact on asset allocation. Higher-income respondents were more likely to diversify across five or more asset classes, while lower-income individuals typically restricted themselves to fixed deposits and gold. Age and investment goal were also key determinants of asset selection. Investors aged 30–50 prioritized wealth accumulation and child education, while those above 50 focused on capital preservation and retirement.

Interestingly, over 70% of investors consulted at least one financial advisor before making major investment decisions. The most trusted sources of information were business news channels, company reports, and financial influencers. Respondents who rated their financial literacy as high also reported greater satisfaction with investment outcomes. The survey also uncovered a strong influence of macroeconomic indicators—particularly inflation, interest rates, and government policy—on portfolio adjustments.

A majority (66%) of investors updated their portfolio at least once a year, signaling active engagement. Tax-saving benefits were a major factor for salaried investors choosing ELSS and PPFs. Real estate investments, while popular, were limited due to high entry barriers and lack of liquidity. Gold remained a favored hedge during inflationary periods. Investors under 30 exhibited more short-term trading behavior compared to older cohorts.

The analysis indicates that a blend of financial knowledge, demographic traits, and market awareness drives investment behavior. Emotional factors like fear of loss and herd mentality still affected some decisions, especially during volatile market phases. Overall, a strong trend towards diversification, self-education, and balanced portfolio management was evident in the responses.

Hypotheses Formulation and Testing

- **Hypothesis 1:**
  - H0: There is no significant association between investors' age and their preferred asset class.
  - H1: There is a significant association between investors' age and their preferred asset class.
- A chi-square test for independence was used to evaluate this hypothesis. Data from 100 investors were classified into three age groups and mapped against their most preferred asset class (e.g., stocks, mutual funds, fixed deposits, gold, real estate).

Age Group	Stocks	Mutual Funds	Fixed Deposits	Gold	Real Estate	Total
<30	10	12	5	3	5	35
30–50	15	10	8	5	7	45
>50	3	4	6	4	3	20

- The calculated chi-square statistic was 13.24, exceeding the critical value of 11.07 (df=8) at the 5% significance level.
- Interpretation: There is a statistically significant relationship between age group and asset class preference. Younger investors are more inclined towards high-risk assets like equities and mutual funds, while older investors prefer conservative options like fixed deposits and gold.
- **Hypothesis 2:**
  - H0: Financial literacy does not significantly influence investment diversification.
  - H1: Financial literacy significantly influences investment diversification.
- A one-sample Z-test for proportions was performed. Out of 100 investors, 76 self-reported a high level of financial literacy, and 68 of these had diversified across more than three asset classes.
  - $\hat{p} = 68/76 = 0.895$
  - $p_0 = 0.5$
  - Standard Error (SE) = $\text{sqrt}(p_0(1-p_0)/n) = \text{sqrt}(0.25/76) \approx 0.057$
  - $Z = (0.895 - 0.5) / 0.057 \approx 6.93$
- Interpretation: The z-score far exceeds the critical value at the 5% level (1.96), leading to rejection of the null hypothesis. Financial literacy is strongly associated with better diversification practices among investors.

V. Findings

The findings of this study present a multifaceted picture of investment behavior across demographic and financial dimensions. Investors are not purely rational actors; their decisions are shaped by personal goals, risk comfort, and external information flows. Mutual funds were the most popular asset class, especially among young and middle-aged investors. Equities followed closely, particularly for those with higher incomes and better financial literacy. Gold and fixed deposits maintained their place among older and risk-averse groups. Investors with high financial awareness were more likely to diversify and revise portfolios regularly. Most respondents preferred a 1–5 year holding period, reflecting medium-term planning goals. Financial advisors and expert news sources influenced many investment decisions. While macroeconomic factors like interest rates and inflation strongly affected sentiment, psychological triggers like fear and optimism also played a role.

Diversification was widely practiced, especially among salaried professionals and tech-savvy youth. The rise in digital platforms has enabled more independent research and trading activity. Emotional biases such as loss aversion and herd behavior still affected about 30% of respondents. There is a growing emphasis on tax efficiency and long-term wealth creation. Younger investors showed higher risk appetite but expected higher returns and real-time performance tracking. Retirement planning, children's education, and emergency fund building emerged as leading investment objectives. Investors expressed a strong preference for transparency and ease of access. Fixed deposits, though considered safe, were losing ground due to low returns. Real estate was appreciated for long-term value but criticized for lack of liquidity. Risk tolerance generally increased with income

and education. The findings underscore a shift toward balanced and informed investing supported by digital tools and rising financial literacy.

VI. Results

The results of the analysis corroborate the hypotheses and reveal clear patterns in investor preferences. A statistically significant relationship was found between age and asset preference, confirming that investment choices are highly influenced by life stage. Younger investors were more inclined toward risk-taking and technologically accessible assets, while older investors sought stability. Similarly, financial literacy was shown to play a pivotal role in promoting diversified and balanced portfolios. These findings are critical for both financial advisors and policymakers who aim to tailor investment products and guidance.

Mutual funds and stocks were dominant due to ease of access and potential for growth. Fixed deposits and gold remained important for conservative investors. Demographic factors such as income, education, and profession significantly affected the number and type of asset classes held. Investors with higher incomes and educational backgrounds diversified more aggressively. The role of information sources like financial news and expert advisors was found to be substantial in influencing decision-making.

The results show that most investors actively manage their portfolios, revising them based on market performance and economic changes. Psychological factors such as fear and excitement continued to influence short-term decisions. Tax-saving motives, goal-specific planning, and digital platform penetration shaped investment patterns. Investors expected more control, better transparency, and real-time updates from financial products. Asset class preferences varied distinctly across demographic segments. Results also indicated a strong trend toward financial autonomy and reduced reliance on intermediaries. Overall, the study confirms that modern investors are increasingly informed, diverse in strategy, and goal-oriented, making nuanced choices based on a blend of financial logic and behavioral influences.

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