

# **DISCLAIMER**





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# Famous & Influential Investors of our Time

# Warren Buffet Investing



Warren's latest shareholder letter:

He views equity activity as "ambidextrous." One hand controls its 189 subsidiaries and the other hand is a "small percentage of a dozen or so very large and highly profitable businesses" that are standalone stocks.

Quote: "Despite what some commentators currently view as an extraordinary cash position at Berkshire, the great majority of your money remains in equities. That preference won't change. While our ownership in 'marketable equities' moved downward last year from \$354B to \$272B, the value of our 'non-quoted controlled equities' increased somewhat and remains far greater than the value of the marketable portfolio."

"Paper money can see its value evaporate if fiscal folly prevails. Fixed-coupon bonds provide no protection against runaway currency."

"Berkshire shareholders can rest assured that we will forever deploy a substantial majority of their money in equities – mostly American equities.

Some outliers: Buffett likes Japan. He touted his five stakes in enterprises like ITOCHU, Marubeni, Mitsubishi, Mitsui and Sumitomo, which "operate in a manner somewhat similar to Berkshire itself." It's a "small but important exception to our U.S.-based focus" due to the companies' "financial records, managements, and attitude in respect to their investors." Capital deployment is key here, as well as appropriate dividends and repurchases, and "far less aggressive compensation programs than their U.S. counterparts." Buffett also substantially increased his holdings of Treasury bills in 2024, given improving yields on the highly liquid short-term securities.

**Top holdings:** Apple makes up 28% of Berkshire's "marketable equities" portfolio. The next big stakes are American Express (AXP) at 17%, Bank of America (BAC) at 11%, Coca-Cola (KO) at 9%, Chevron (CVX) at 6%, and Occidental Petroleum (OXY) and Moody's (MCO) at 5% and 4%, respectively. Taken together, these seven names make up four-fifths of the portfolio.

# 1. Ray Dalio

- Founder of Bridgewater Associates, one of the world's largest hedge funds.
- Known for macro investing, risk-parity strategies, and the concept of "Principles," which he wrote a book about.

# 2. Charlie Munger (1924–2023)

- Buffett's longtime partner and Vice Chairman of Berkshire Hathaway.
- A strong advocate of value investing, mental models, and multidisciplinary thinking.

# 3. Peter Lynch

- Former Fidelity Magellan Fund manager (1977–1990).
- Famous for his "invest in what you know" philosophy and for delivering 29% annual returns during his tenure.

## 4. Carl Icahn

- Activist investor known for taking large stakes in companies and pushing for changes to increase shareholder value.
- Has influenced companies like Apple, eBay, and Herbalife.

# 5. George Soros

- Founder of Soros Fund Management and the Quantum Fund.
- Known for macro investing and making \$1 billion in a single trade against the British pound in 1992 (Black Wednesday).

# 6. Stanley Druckenmiller

- Former protégé of George Soros at Quantum Fund.
- One of the best macro traders, known for his ability to time markets.

### 7. Jim Simons

- Founder of Renaissance Technologies and its flagship Medallion Fund (which has delivered 66% annualized returns before fees).
- A pioneer in quantitative investing, using algorithms and math to drive investment decisions.

## 8. Seth Klarman

- Founder of Baupost Group and a devoted value investor.
- Author of Margin of Safety, a rare and highly sought-after investment book.

# 9. David Tepper

- Founder of Appaloosa Management, known for making contrarian bets on distressed assets.
- Earned billions betting on U.S. banks during the 2008 financial crisis.

## 10. Howard Marks

- Co-founder of Oaktree Capital, specializing in distressed debt and high-yield bonds.
- Writes insightful memos on investing, widely followed by professionals.

# 11. Joel Greenblatt

- Founder of Gotham Capital and creator of the "Magic Formula" investing strategy.
- Wrote The Little Book That Beats the Market.

#### 12. Bill Ackman

- Founder of Pershing Square Capital Management.
- Known for activist investing and high-profile bets on companies like Chipotle, Herbalife, and Netflix.

## 13. Chamath Palihapitiya

- Former Facebook executive turned venture capitalist and SPAC investor.
- Runs Social Capital, focusing on technology investments and startups.

#### 14. Cathie Wood

- Founder of ARK Invest, known for investing in disruptive innovation like AI, biotech, and Tesla.
- A controversial but influential figure in growth investing.

## 15. Michael Burry

- Made famous by The Big Short for predicting the 2008 financial crisis.
- Founder of Scion Asset Management, known for deep-value and contrarian investing.

Each of these investors has a unique style, from value investing (Buffett, Munger, Klarman) to macro trading (Soros, Druckenmiller) to quantitative strategies (Simons).

## What is Value Investing?

Value investing is an **investment strategy** where investors seek to buy stocks that are **undervalued** relative to their **intrinsic value**. The idea is to purchase these stocks at a discount and hold them until the market recognizes their true worth, leading to potential profits.

## Key Principles of Value Investing

#### 1. Intrinsic Value Over Market Price

- The goal is to determine a company's true worth (intrinsic value) and buy it when its stock
  price is significantly lower.
- Intrinsic value is estimated using metrics like earnings, assets, and cash flow.

#### 2. Margin of Safety

- Buying stocks at a significant discount to their intrinsic value provides a buffer against mistakes in valuation or unexpected downturns.
- If a stock is worth \$100 but an investor buys it for \$70, that \$30 difference is the "margin of safety."

#### 3. Long-Term Perspective

- Value investors are patient and willing to wait years for the market to correct a stock's mispricing.
- They ignore short-term market fluctuations and focus on fundamentals.

#### 4. Fundamental Analysis

- Value investors conduct deep research on a company's financial statements, management, and competitive position.
- Key metrics used:
  - Price-to-Earnings (P/E) Ratio
  - Price-to-Book (P/B) Ratio
  - Debt-to-Equity Ratio
  - Return on Equity (ROE)
  - Free Cash Flow (FCF)

#### 5. Contrarian Approach

- Value investors often go against the market consensus, buying out-of-favor stocks that others overlook or fear.
- They avoid hype-driven stocks and focus on what the numbers say.

#### **Famous Value Investors**

- Benjamin Graham (Father of value investing, author of The Intelligent Investor)
- Warren Buffett (CEO of Berkshire Hathaway, refined Graham's approach)
- Charlie Munger (Buffett's partner, emphasized quality businesses)

#### **Common Misconceptions**

- Value investing is not just buying "cheap" stocks It's about buying quality businesses at a
  discount.
- It does not guarantee quick returns It's a long-term strategy.
- Value investing has evolved Modern value investors also consider factors like brand strength,
   economic moats, and innovation, not just financial ratios.

#### What is an Economic Moat?

An **economic moat** is a **sustainable competitive advantage** that protects a company from competitors and helps it maintain profitability over the long term. The term was popularized by **Warren Buffett**, who compared a strong business to a castle with a moat that defends it from attacks (competition).

## Types of Economic Moats

- 1. Brand Power (Intangible Assets)
  - A strong brand creates customer loyalty and pricing power.
  - Example: Apple Customers are willing to pay a premium for iPhones because of brand loyalty.

#### 2. Cost Advantage

- A company that produces goods or services at a lower cost than competitors can offer lower prices or enjoy higher profit margins.
- Example: Walmart Its massive supply chain and logistics efficiencies keep costs low.

#### 3. Network Effects

- The more people use a company's product or service, the more valuable it becomes, creating a self-reinforcing cycle.
- Example: Visa & Mastercard Their vast payment networks make them difficult to replace.

#### 4. Switching Costs

- When it's expensive or inconvenient for customers to switch to a competitor, the company has a moat.
- Example: Microsoft Office Businesses and individuals stick with it because switching to another software is costly and time-consuming.

#### 5. Regulatory or Legal Barriers

- Government regulations, patents, or licensing requirements protect certain businesses from competition.
- Example: Pharmaceutical companies Patents allow them to sell drugs exclusively for years before generics enter the market.

#### 6. Efficient Scale (Natural Monopolies)

- Some industries cannot support many competitors because of high infrastructure costs or limited market size.
- Example: Railroads & Utilities Building new rail lines or power grids is too expensive, giving existing players an advantage.

# Why Are Economic Moats Important?

Companies with strong moats:

- Maintain high profit margins
- Fend off competition
- Generate consistent cash flow
- Provide long-term growth for investors

Here are some companies with the strongest economic moats today, categorized by moat type:



## 1. Brand Power Moat (Customer loyalty & pricing power)

- Apple (AAPL) Customers pay premium prices for iPhones, MacBooks, and services due to brand loyalty.
- Coca-Cola (KO) A globally recognized brand with a loyal customer base.
- Nike (NKE) Dominates athletic footwear and apparel through branding and endorsements.





## 2. Cost Advantage Moat (Low-cost production & economies of scale)

- Walmart (WMT) Its massive supply chain and logistics allow it to offer lower prices than competitors.
- Costco (COST) Bulk purchasing power keeps costs low, and membership fees boost margins.
- Amazon (AMZN) Efficient logistics, fulfillment centers, and AWS profitability give it a competitive (52 weeks) cost advantage.



# META Price (52 weeks) Price performance (52 weeks) +18.19% (52 weeks) Mar-10-2025

## 3. Network Effects Moat (The more users, the stronger the moat)

- Google (GOOGL) More searches = better data = better search results, reinforcing dominance.
- Meta (META) Facebook, Instagram, and WhatsApp benefit from massive user bases, making competitors less attractive.
- Visa (V) & Mastercard (MA) More merchants accept their cards because more people use them.



# 4. Switching Costs Moat (Hard for customers to leave)

- Microsoft (MSFT) Enterprises and individuals rely on Microsoft Office, Windows, and Azure, making switching costly.
- Adobe (ADBE) Creative professionals depend on Photoshop, Premiere Pro, and Illustrator, with cloud subscriptions reinforcing loyalty.
- Salesforce (CRM) Companies deeply integrate Salesforce into their operations, making it expensive and complex to switch.

# 5. Regulatory/Patent Moat (Legal barriers to entry)

- Pfizer (PFE) & Johnson & Johnson (JNJ) Strong pharmaceutical patents prevent generic competition.
- Lockheed Martin (LMT) & Raytheon (RTX) U.S. defense contracts provide government-backed exclusivity.
- Moody's (MCO) & S&P Global (SPGI) Government regulations require credit ratings from agencies like these, reinforcing their dominance.

# 6. Efficient Scale Moat (Limited competition due to high entry costs)

- BNSF (Owned by Berkshire Hathaway) Railroads require massive infrastructure investments, limiting new competition.
- Duke Energy (DUK) & NextEra Energy (NEE) Utility companies operate in regulated markets with natural monopolies.

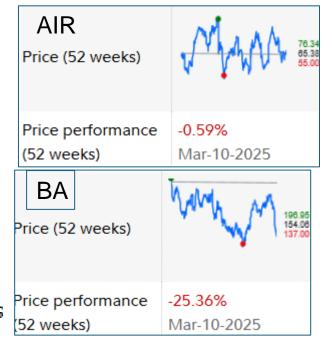
Airbus (AIR) & Boeing (BA) – The aircraft manufacturing industry has high R&D and production

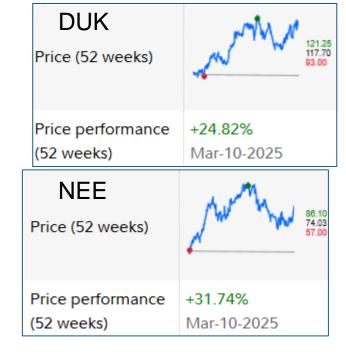
costs, limiting new entrants.

# Why Do These Moats Matter?

Companies with strong moats can:

- Maintain pricing power
- Sustain high profit margins
- Withstand economic downturns ()
- Generate long-term growth for investors





## What is Macro Investing?

Macro investing (or global macro investing) is a strategy that focuses on big-picture economic trends, government policies, and geopolitical events to make investment decisions across various asset classes, including stocks, bonds, commodities, and currencies.

Instead of analyzing individual companies like in value investing, macro investors look at factors such as:

- Interest rates
- Inflation & deflation
- Economic growth (GDP)
- Central bank policies (e.g., Federal Reserve decisions)
- Geopolitical events (wars, trade policies, global conflicts)
- Currency fluctuations & commodity prices

## Types of Macro Investing Strategies

#### 1. Discretionary Macro Investing

- Human-driven decision-making based on research and economic forecasts.
- Investors take long or short positions based on macroeconomic views.
- Example: A hedge fund manager might short the U.S. dollar if they believe the Fed will lower interest rates.

## **Example of Discretionary Macro Investing:**

George Soros (Shorted the British Pound in 1992, making \$1 billion)

## 2. Systematic Macro Investing

- Uses quantitative models and algorithms to identify macro trends.
- Trades are executed based on data and mathematical signals, not human intuition.
- **Example**: Renaissance Technologies (Jim Simons) uses **computer-driven strategies** for macro investing.

# 3. Thematic Macro Investing

- Focuses on long-term global trends (e.g., Al, renewable energy, emerging markets).
- Investors buy into industries or assets expected to benefit from these shifts.
- Example: Betting on renewable energy stocks due to global climate policies.



# **Examples of Macro Investing in Action**

Shorting the British Pound (1992) – George Soros bet against the pound when he saw weaknesses in the UK's monetary policy, making \$1 billion in a single day.

**Buying Gold & Commodities (2008)** – Many macro investors piled into **gold and oil** as the financial

crisis caused inflation fears.

Tech & Al Boom (2020s) – Investors betting on Al-driven growth (NVIDIA, Microsoft) as

governments push for technological dominance.



## **Pros & Cons of Macro Investing**

- Pros:
- Can generate huge returns if macro trends are correctly predicted.
- Provides diversification by investing across multiple asset classes.
- Helps hedge against economic downturns (e.g., shorting markets during recessions).
- X Cons:
- X High risk Macro events are unpredictable (e.g., COVID-19, war).
- X Timing is difficult Even if an investor is right, the market might take longer to react.
- X Requires deep knowledge of economics, politics, and global markets.



# What is Quantitative Investing?

Quantitative investing (or quant investing) is an investment strategy that uses mathematical models, algorithms, and data analysis to make trading decisions. Instead of relying on human intuition, quant investors use statistical and computational techniques to identify patterns, trends, and opportunities in the market.

This approach is widely used by **hedge funds**, **asset managers**, **and institutional investors**, as well as individual traders leveraging algorithmic trading strategies.

# **Key Components of Quantitative Investing**

- 1. Data-Driven Decision Making 📊
  - Uses historical and real-time market data to find investment opportunities.
  - Analyzes price movements, earnings reports, economic indicators, and more.
- 2. Mathematical & Statistical Models
  - Relies on probability, regression analysis, machine learning, and other techniques to predict future price movements.
- 3. Algorithms & Automation 🖷
  - Trades are executed using computer algorithms that follow predefined rules.
  - Eliminates human emotions from investing (fear, greed, bias).
- 4. Backtesting & Optimization 🔄
  - Strategies are tested on historical data before being deployed in real markets.
  - Helps refine models to improve risk-adjusted returns.

# Types of Quantitative Investing Strategies

# 1. Factor Investing 🥞

- Identifies factors (statistical drivers of return) that predict stock performance.
- Common factors:
  - Value (low P/E, high book value)
  - Momentum (stocks trending upward)
  - Quality (strong balance sheets, high ROE)
  - Volatility (low-risk stocks tend to outperform)

#### **MTUM**

Market total return	+20.79%
(1 year)	Feb-28-2025
Market total return	+12.24%
(3 years)	Feb-28-2025

Example: Smart Beta ETFs like iShares MSCI USA Momentum Factor ETF (MTUM).

# 2. High-Frequency Trading (HFT) 🔸

- Uses ultra-fast computers to execute millions of trades per second.
- Profits from small price inefficiencies.

Example: Citadel Securities, Virtu Financial (market makers using HFT).



- Uses mean reversion models to profit when prices deviate from historical relationships.
- Example: Trading pairs like Ford (F) & General Motors (GM) based on correlation.

# 4. Machine Learning & Al-Based Investing 🖷 📈

- Uses artificial intelligence (AI) and machine learning (ML) to adapt to market changes.
- Models self-improve based on new data.
- Example: Renaissance Technologies (Jim Simons) Al-driven quant hedge fund.

# **Pros & Cons of Quantitative Investing**

- Pros:
- Removes human bias & emotions
- Can analyze massive datasets faster than humans
- ✓ Works across multiple asset classes (stocks, bonds, crypto, commodities)
- Can identify patterns undetectable by human investors
- X Cons:
- X Data Overfitting Models might work in historical tests but fail in real markets.
- X Black Box Risk Some algorithms are too complex to understand why they make decisions.
- X Market Regime Changes What worked in the past might not work in the future (e.g., 2008 crisis, COVID crash).