

arthaEQUITY — Executive Brief

Continuous Opportunity Discovery for Discretionary Equity Trading

The Gap

Equity markets generate an abundance of indicators, alerts, signals, and data. What remains structurally difficult is identifying:

- which information matters in the current market context
- which opportunities are becoming structurally interesting
- whether conviction is strengthening, weakening, or deteriorating over time

At the same time, discretionary traders cannot realistically track:

- the entire S&P 500
- sector rotations
- emerging momentum
- breakout structures
- weakening trends
- changing market conditions continuously and at scale

As a result, many opportunities are never seen, while trading decisions are often built around:

- limited watchlists
- isolated signals
- familiar names
- reactive market narratives

Most trading environments already incorporate technical indicators, event-driven inputs, macro overlays, and discretionary expertise. However, signals are still largely consumed as independent inputs rather than evolving market conditions, making evaluation episodic rather than continuous, parallel rather than sequenced, and implicit rather than explicit.

Each decision cycle effectively resets context. Judgment does not compound, and conviction becomes difficult to track as market conditions evolve.

Alongside probabilistic estimation of expected outcomes, an additional question becomes increasingly important - whether the present configuration of market evidence is internally consistent with a given trading thesis.

This reframes part of the decision process from predicting outcomes to continuously validating whether the structural conditions supporting a setup remain intact.

What arthaEQUITY Does

arthaEQUITY formalises this layer within the trading workflow.

Instead of treating indicators as atomic inputs, it organises them into identifiable market states — combinations of momentum, structure, participation, and regime — providing a consistent framework for interpreting what is developing across assets and across the market.

The platform continuously scans broad market universes to surface where coherent trading opportunities are

emerging.

Opportunities can then be assessed at multiple depths:

- direct identification through prevailing market conditions (market states)
- structured combinations aligned to specific objectives (related market states grouped into goals)
- layered validation across multiple factors (layering market states into conviction layers)
- explicit weakening and invalidation conditions
- Fibonacci ratio analysis
- news propagation analysis

Conviction is expressed through alignment across signals, context, participation, and confirmation.

Practical Ways Discretionary Traders Can Use It

A. Discovery Mode

Scan a market universe (e.g. S&P 500)

- Surface where coherent opportunities are emerging
- Identify developing leadership and structural shifts
- Validate opportunities using Goal, Layered, Fibonacci, and News analysis

B. Thesis Mode

Start with a preferred trading thesis or strategy

- Find where that thesis is currently valid across the market
- Evaluate conviction, supporting factors, weakening conditions, and invalidation risk


Why It Matters

- Move from signal consumption to structured decisions
- Continuously monitor broad market universes
- Discover opportunities that would otherwise be missed
- Track conviction over time
- Identify weakening setups earlier
- Improve capital allocation and position management
- Understand portfolio exposure through underlying market conditions

arthaEQUITY is not designed to replace discretionary traders. It is designed to improve how they operate by combining:

- continuous market discovery
- structured market interpretation
- evolving conviction evaluation

arthaEQUITY helps traders decide — not just detect.

 ***Built on the askAITHENA architecture — a modular, provider-agnostic, rule-driven framework designed to evolve with changing market conditions while preserving the integrity of the underlying decision logic.***