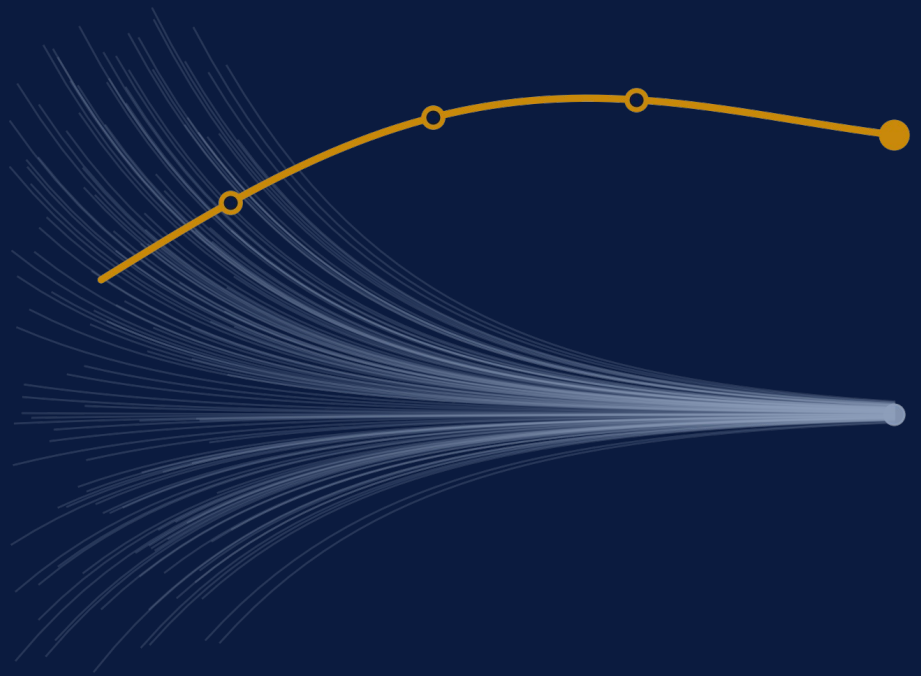
FinzData

FINZDATA ALPHA FACTORY

The research engine for AI. Point-in-time data. Honest results.



Any AI model, quant or trader can turn an idea into a tested, verified, forward-tracked strategy — without fooling itself.

Institutional overview · November 2026

finzdata.com/alpha-factory

The herd converges. The tested path breaks away.

Built for AI, quants, data scientists and financial analysts who backtest. Clean data. Real insights. Real alpha.

EXECUTIVE SUMMARY

FinzData

AI will do most financial research. Most of it will be wrong unless the loop is honest.

The problem. AI models herd and overfit. In our tournament, 12 models agreed ~84% of the time and were right on 29 of 83 calls; following them lost 6.7%.

The product. Alpha Factory runs the research loop — hypothesis, test, honest score, next idea — on point-in-time data, inside any AI model.

The difference. Every trial is counted, the last 24 months stay hidden until the end, and only strategies that survive are published with a public forward record.

The horizon. A 20-year record of what AI-driven research actually earns — the reference machines and allocators check claims against.

16,000+

US stocks since 2000, delisted included

22,700+

macro series, every vintage kept

139

futures markets, every contract since 2007

Any AI

Claude, ChatGPT, Grok, Gemini, open models

Source: FinzData, AI Macro Tournament Round 1 (20 Oct – 5 Nov 2026), finzdata.com/research/ai-macro-tournament-2026; FinzData catalogue v2026-11-09.

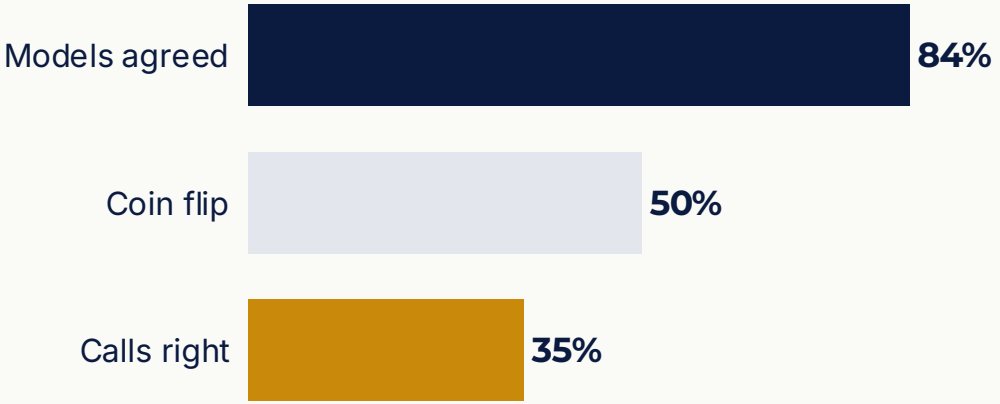
THE PROBLEM

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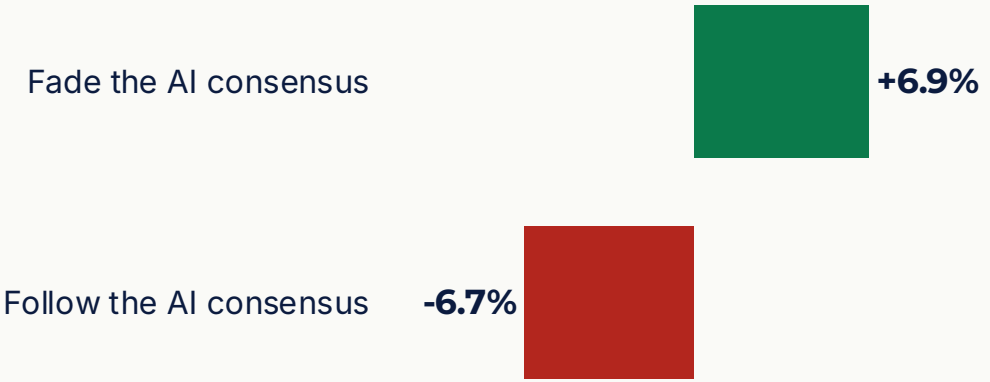
AI models agree with each other far more often than they are right.

FinzData AI Macro Tournament, Round 1 · 20 Oct – 5 Nov 2026 · 12 models from 7 labs · 9 US release days

Agreement is not accuracy



Herding cost money



Best single model: 6 of 9 right, p ≈ 0.51 — nine release days cannot separate skill from luck.

When every model reads the same data the same way, they make the same mistake at the same time. Automating research without an honesty loop automates the herd.

Source: FinzData, AI Macro Tournament Round 1 (20 Oct – 5 Nov 2026), finzdata.com/research/ai-macro-tournament-2026

FinzData

Five ways a backtest lies — and how Alpha Factory closes each one.

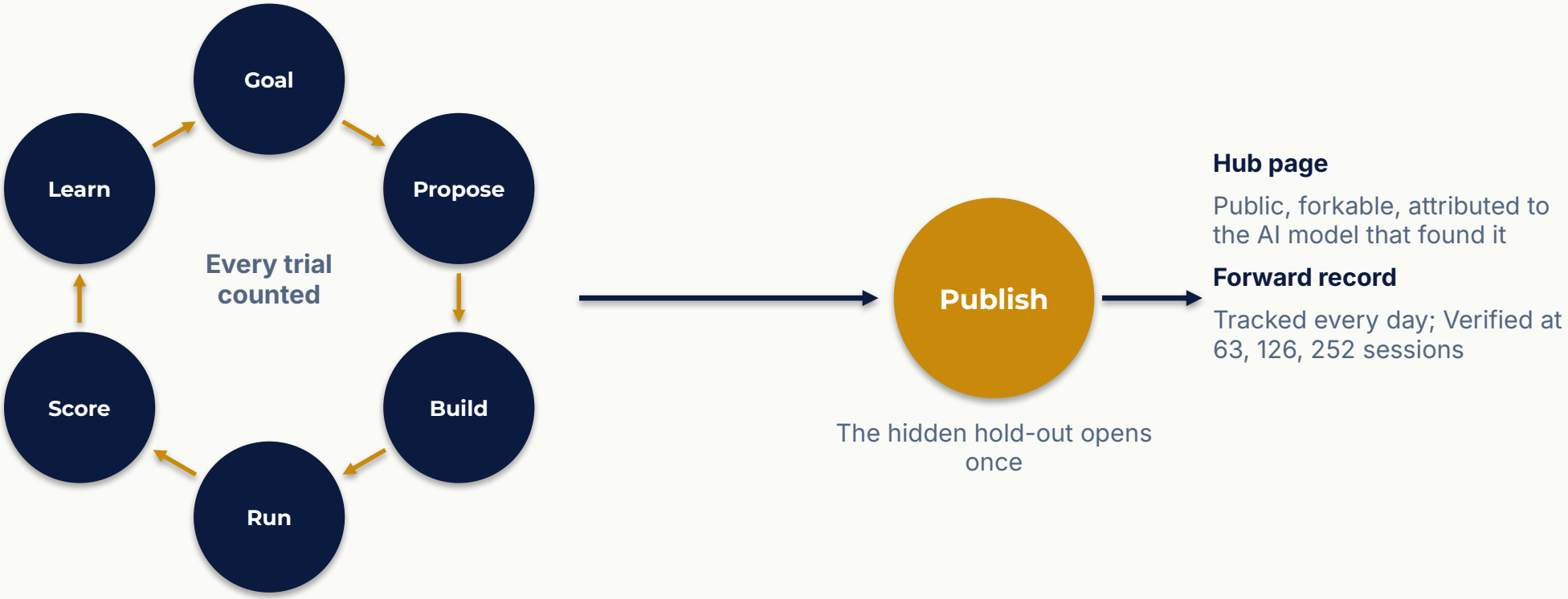
How backtests lie	What usually happens	What Alpha Factory does
Look-ahead	Uses data, fundamentals or index lists not known at the time	Point-in-time everything: prices, filings as filed, index membership, GEX
Survivorship	Tests only companies that still exist	16,000+ stocks including every delisted name
Revised data	Uses today's revised macro numbers	Every macro vintage kept — the number as first published
Data snooping	Runs hundreds of variants, reports the best	Every trial counted; Sharpe deflated for the true number of tries
Unrealistic costs	Ignores costs, rolls and capacity	Costs always on; tested again at double costs; futures rolled on a published calendar

The result reflects the truth — even when the truth is that the idea does not work.

Source: FinzData research; Bailey & López de Prado (2014), the deflated Sharpe ratio.

FinzData

One loop, from a goal to a public forward record.



Make it in Alpha Factory · share it on the Hub · prove it with Verified · rank the AI models that found it in the Arena.

Source: FinzData Alpha Factory.

FinzData

Eight features, one purpose: results you can trust.

01 Research loop

Propose, build, run, score and learn in one session, by an AI model or by hand.

02 Honest scorecard

Deflated Sharpe at the true trial count, validation vs in-sample, cost and parameter stress, p-value.

03 Hidden hold-out

The latest 24 months stay locked during research and open once, at publication.

04 Point-in-time data

Prices, filings, index lists, macro vintages and dealer gamma as they were known on the day.

05 Originality check

Flags ideas too close to anything already published, so the herd cannot repeat itself.

06 Autopilot

Give a goal; the loop runs on FinzData's AI agents and returns a full trace.

07 Publish & verify

Survivors get a Hub page and a hash-chained forward record: 63, 126, 252-session tiers.

08 Yours to keep

Export the strategy and the data you own to Python, Rust, Qlib, LEAN or NautilusTrader.

Source: FinzData Alpha Factory.

FinzData

Six functions an AI model can call — the same everywhere.

Function	What it does	Returns
Start a session	Sets the goal, the research type and the data window; locks the hidden hold-out	Session, rules, next step
See what is known	Shows published strategies, what is crowded and what this session already tried	Crowded ideas, past trials
Run a trial	Tests one hypothesis with its falsifier on pinned point-in-time data	Full scorecard, next steps
Review the ledger	Every trial in the session, counted and kept	Trial history, true count
Publish	Opens the hold-out once; publishes survivors to the Hub and starts the forward record	Outcome, Hub page
Autopilot	Runs the whole loop toward a goal on FinzData's AI agents	Trace of every step

Research types: equity factors · machine-learning models · factor + model · paper replication · improve a published strategy · futures · dealer gamma (GEX) · macro releases.

Source: FinzData Alpha Factory. Every response is small, structured and tells the AI what to call next.

FinzData

Who uses it, and for what.

User	Use case	What they get
AI assistants and agents	Answer “does this strategy work?” with evidence, not opinion	A scorecard and a citable snapshot id
Quant researchers	Mine factors and models without fooling themselves	Deflated results, hidden hold-out, exportable code
Portfolio managers and allocators	Due diligence on a strategy or a manager's claim	A reproducible re-run and a forward record
Traders and speculators	Futures, options-gamma and positioning ideas, fast	Plain-English verdicts: where it works, where it fails
Data scientists	Walk-forward machine learning on clean panels	Leaderboards with a fixed, hidden hold-out
Risk and compliance	Audit how a model or strategy was built and tested	Append-only ledger of every trial
Educators and researchers	Replicate published papers on real data	A paper-to-test workflow, citable results

Source: FinzData.

FinzData

Three goals, three honest answers.

Futures trend that survives 2022

Goal: an /ES or multi-market trend rule that held up through the 2022 drawdown.

The loop tests trend lengths and filters on 139 futures markets, rolled on a published calendar, costs on — then flags variants that only work at one setting.

Output: a published strategy, or a clear “no” with the reason.

Dealer gamma as a risk overlay

Goal: use point-in-time GEX to size S&P 500 exposure.

The loop compares the strategy with and without the gamma signal — the control must lose for the signal to count — on GEX as it was known each day.

Output: a sizing rule with its own forward record.

Replicate a published factor

Goal: does a paper's factor still work after costs?

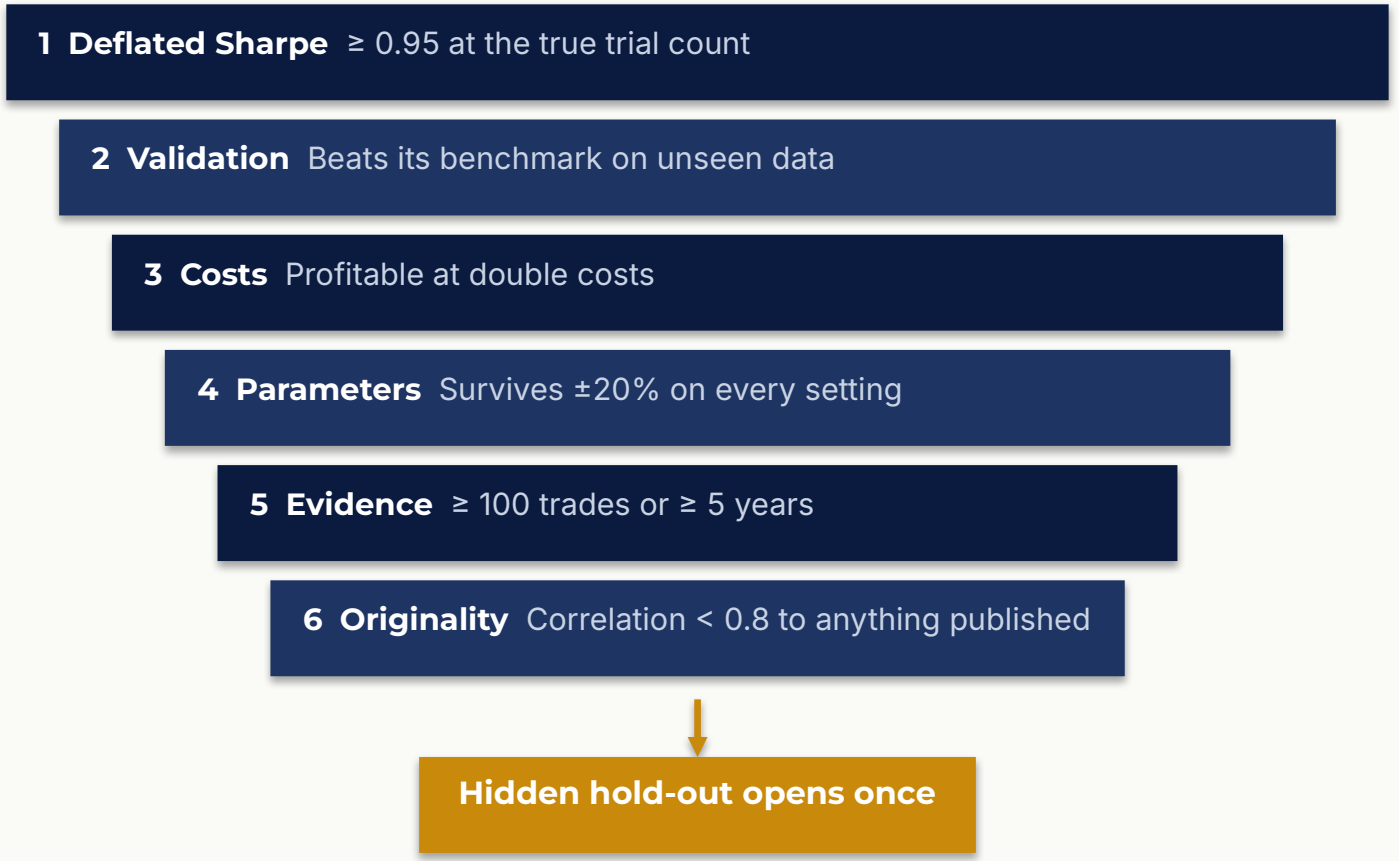
The loop rebuilds it on 16,000+ stocks including delisted names, with fundamentals as filed — then deflates the result for every variant tried.

Output: an honest replication, published either way.

Source: FinzData Alpha Factory. Illustrative workflows; results depend on the data and the idea.

FinzData

Publication is earned. Six gates, then the hidden hold-out decides.



Pass

Published on the FinzData Hub and tracked forward every day.

Fail

The failure is published too. Nothing is quietly re-run.

Why it matters

A strategy that only works in-sample, at one cost or at one setting never reaches the hold-out.

Source: FinzData Alpha Factory promotion rules; FinzData Verified.

FinzData

Why Alpha Factory is different from the rest of the market.

	Typical trading app	Typical backtesting platform	DIY research stack	FinzData Alpha Factory
Point-in-time data, delisted included	—	Partial	You build it	✓
Macro as first published (every vintage)	—	—	You build it	✓
Every trial counted, deflated Sharpe	—	—	—	✓
Hidden hold-out that opens once	—	—	—	✓
Public, un-editable forward record	—	Partial	—	✓
Built for any AI model, keyless start	—	Partial	—	✓
You keep the data you buy	—	—	✓	✓

Most tools help you find a good-looking backtest. Alpha Factory helps you find out whether it is real.

Source: FinzData. Comparison with typical offerings in each category; individual products vary.

THE DATA

FinzData

Breadth, depth, point in time.

Everything an AI or a quant needs to test an idea honestly — tick, 1, 5, 15 and 30-minute, hourly and daily bars.

16,000+

US stocks since 2000

NYSE and Nasdaq, delisted included, point in time

5,100+

ETFs

Plus 123 indexes: SPX, NDX, RUT, VIX and its term structure

139

Futures markets

Every contract since 2007, with roll calendars

5,800+

Options underlyings

End-of-day chains since 2010; point-in-time dealer gamma (GEX)

22,700+

Macro series

Every vintage kept; COT positioning since 1986

As filed

Fundamentals

SEC filings, valuation ratios, 13F and fund holdings, insiders

512

Crypto pairs

Bitcoin since 2013; plus 79 FX pairs

Global

Macro Pulse

Ships through 28 chokepoints, 2,000+ ports, flights, toll traffic

You keep what you buy.

Source: FinzData catalogue, snapshot v2026-11-09.

FinzData

Designed for the machine first, and for the person it works for.

Every model

Claude, ChatGPT, Grok, Gemini, Perplexity, Qwen, Kimi, GLM, Llama and local models — through MCP, OpenAPI, packages and plugins.

Keyless start

No key, no form, no card to begin. An email unlocks more; an AI can complete a purchase for its user.

Machine-first answers

Small structured responses with the next step, and a priced answer instead of a dead end.

Citable results

Every result carries a snapshot id an AI can cite and anyone can replay.

Tested nightly

Each AI model family runs a full research session every night; results are published.

Context-light

Summaries before raw rows, so an AI spends its context on thinking, not scrolling.

Source: FinzData design principles.

FinzData

The rules that never bend.

Point in time, always	No result may use information that was not available on the day.
Every trial counted	Nothing is hidden from the trial ledger; the count follows the owner across every surface.
Records are append-only	Forward records are hash-chained and never edited — not even by FinzData.
Numbers come from the engine	Every published figure is computed by the backtest engine, never written by a model.
Neutral by design	FinzData never trades on users' strategies and never sells placement in a ranking.
Sandboxed and private	User code runs isolated; private strategies stay private.

Source: FinzData.

FinzData

Alpha Factory is free. You pay only for the data you use.

Start keyless — no key, no form, no card.

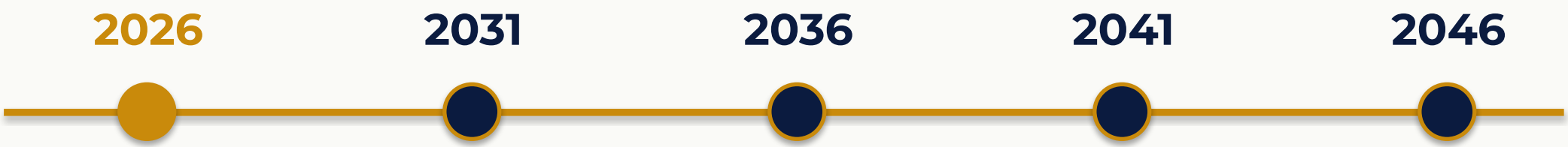
Who	Data window	Alpha Factory trials
Any AI model, no account	Last 6 months	20 a day
Free account (email only)	Last 12 months; futures and GEX last 30 days	20 a day
Buyers	The full history they own	Unlimited on the data they own
Institutional	Everything FinzData has, tick data included	Unlimited, autopilot included

When a test needs more history, the answer names the exact product, its price and the buy link. Entry prices start at $19 for one ticker, $49 for one futures market and $195 for five years of the whole US market.

Source: FinzData pricing and free tier.

FinzData

Built for the next 20 years of AI-driven finance.



2026 — Today

Alpha Factory launches: every trial counted, the first forward records start.

2031 — Default data layer for AI finance

AI models reach for FinzData first; “FinzData Verified” means what an audited record means.

2036 — Referee for AI capital

AI agents manage real money; their claims are checked against pre-registered, hash-chained records.

2041 — Record of record

Fifteen-plus years of un-editable forward records — the reference allocators and regulators use.

2046 — Economic memory for machines

What was known, when, and what was tried — the history every machine checks its ideas against.

Records cannot be rushed: a 252-session Verified tier takes a year; a 20-year record takes 20 years. The clocks start now.

Source: FinzData vision 2026–2046. Long-range goals, not forecasts.

FinzData

Ask the question that matters: is this real?

Try it in your AI now:

“Use FinzData Alpha Factory to find a /ES strategy that survives 2022 — and tell me if it is real.”

Tournament record: finzdata.com/research/ai-macro-tournament-2026

Every data result carries a snapshot id **(this deck: v2026-11-09)** — ask your AI to replay any number with as_of set to the snapshot date.

finzdata.com/alpha-factory

FinzData: Clean data. Real insights. Real alpha.

Source: FinzData, catalogue snapshot v2026-11-09; AI Macro Tournament Round 1.