

One database for every *market question.*

EquationDB is a **market database and research engine**. Ask any market question in plain English or one query language, and get the answer with the evidence, across 70,000 instruments on 70 exchanges, running 24×7.

~70,000
instruments

70
exchanges

1,515
event types

24×7
always working



Six systems and a data team, *replaced by one database.*

- Data in five or six systems

One symbology, one place

- Answers computed overnight

Computed as each bar lands

- Backtests that use hindsight

Only what was known on the day

- AI that makes numbers up

AI that quotes the database



— COVERAGE

Every market, *not just the index names.*

~70k

stocks, ETFs and funds on 70
exchanges, 108 countries

1962

price history from; 312M adjusted bars

~51k

companies with financial statements
from 1985

3,500+

FX pairs and crypto tokens

~52,600 stocks

~12,300 ETFs

~5,400 funds

~1,400 FX pairs

~2,100 crypto tokens

Plus earnings, estimates, dividends, ratings, insiders, options and 10,000+ theme indexes

From New York, London and Tokyo to Mumbai, Dubai and Riyadh.

Type the question. *Get the evidence.*

- Plain English becomes a query you can see
- One query language, or full SQL
- Answers in milliseconds, not overnight
- "Improve with AI" sharpens a vague question

YOU ASK

Which large US stocks are oversold but still in an uptrend?



```
GET top500
WHERE rsi(14) < 30 AND close > sma(200)
SORT rsi(14)
```

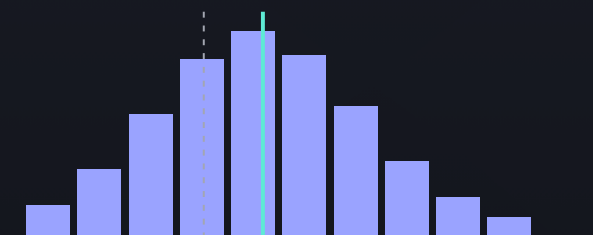
Demo library: 1,500+ power queries, explained and ready to run. New ones added daily.

Events, explanations and backtests, *as data*.

EVENTS

1,515 event types

133M+ occurrences, each scored for rarity, each with what followed.

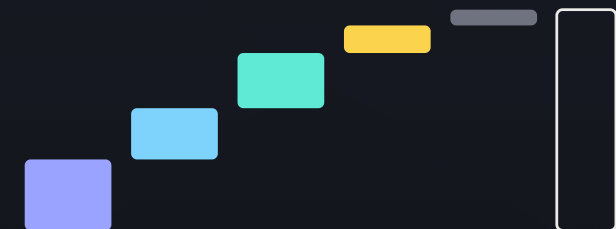


EVENTS * IN top500 LAST 1d

WHY IT MOVED

Each driver's share

Market, sector, theme, earnings, linked names, and the unexplained part.



WHY NVDA LAST 1mo

BACKTEST

A strategy in one statement

Stops, costs, next-bar fills; the same code as live alerts.



BACKTEST LONG IN top500 ENTER WHEN ...

Everything a research desk needs, *in one place.*



Symbol pages

Every indicator, level, event, peer and fundamental for one stock



Series

Any price, statement line or flow as a time series, counted from when it was known



Simulations

"What if" from history: how a target responded every time before



Taxonomy

Every company in a modern 8-level industry tree, by what it actually does



Themes

2,300 themes, from AI infrastructure to GLP-1, each with its own index



Knowledge graph

Suppliers, customers and competitors; shock one name, see who it hits



Thesis

Write a belief in plain English; get a graded verdict on decades of history



Candle Genome

Every formation in a stock's history and what it meant for that stock



Earnings calls

Calls measured, read by AI and quoted; search who said what



Alpha Lab

Which anomalies survive costs, built for Gulf and emerging markets



Apps & dashboards

Save any query as an app; link apps on one dashboard



Demo library

1,500+ power queries, explained and ready to run; new ones added daily

Write a belief. *Get a verdict.*

1 · YOU WRITE

"When the VIX closes
below 13, it tends to rise"

plain English

2 · EQUATIONDB TESTS

OUTCOMES AFTER close < 13
IN \$VIX SINCE 2005-01-01
FWD 5d, 20d
run on decades of history

3 · ONE FIXED RULE GRADES

supported

mixed

not supported

the model writes the test, never grades it

259

tested theses in 15 categories, ready to run

1 click

samples on one symbol, index, commodity or coin

✦ AI

"Improve with AI" turns a hunch into a testable claim

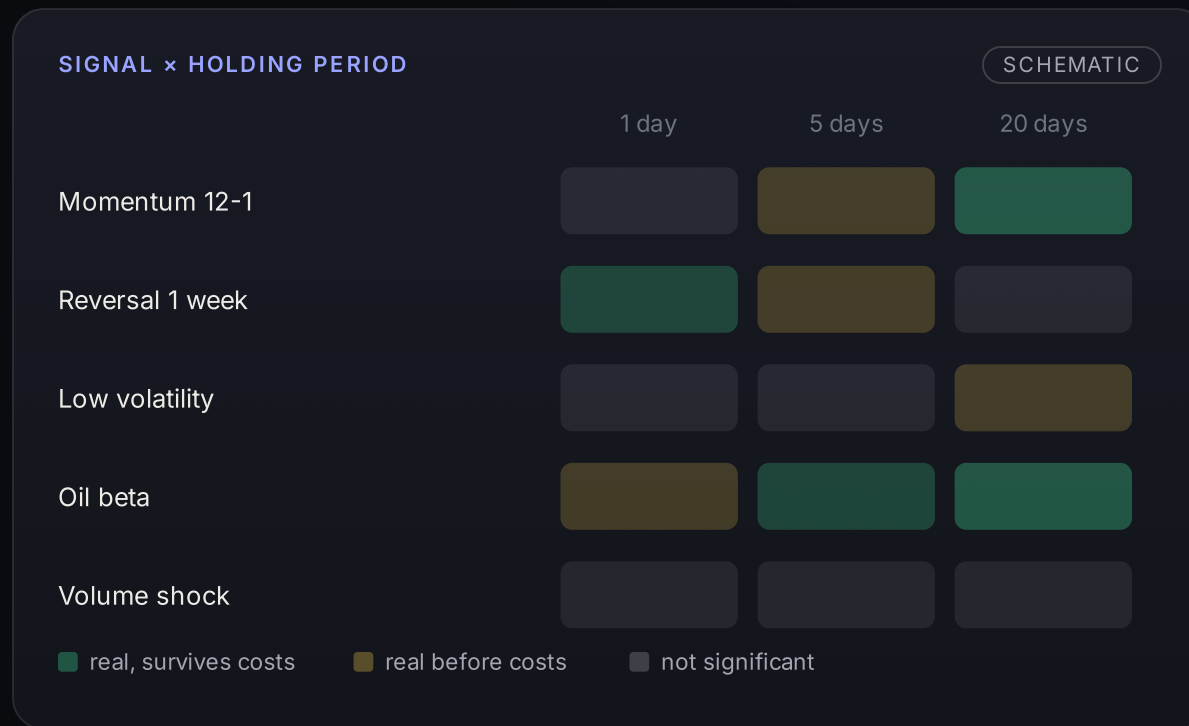
A brain that *learns every night*.

- Re-tests what it believes on new data
- Makes its own paper calls, then scores them
- Searches for new patterns every night
- Keeps one only if it holds out of sample



Which edges are real *in your market?*

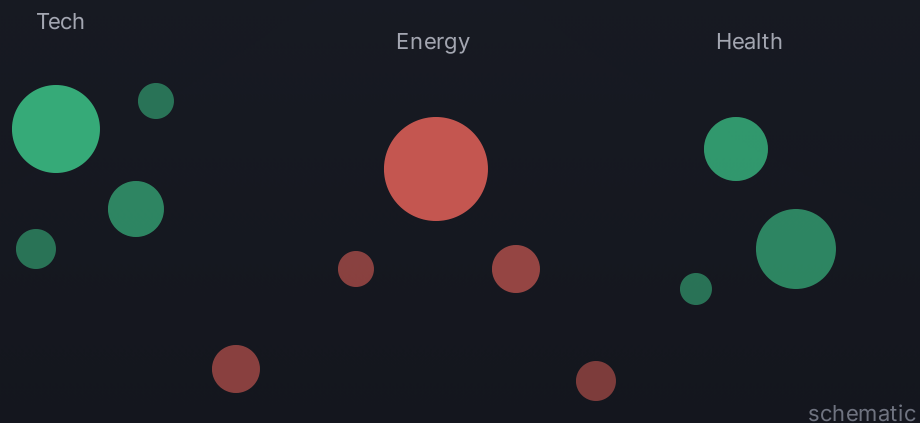
- Built for Gulf and emerging markets
- Momentum, reversal, low-vol, oil beta and more
- Judged after trading costs
- Corrected for testing many ideas at once



— SEE THE MARKET

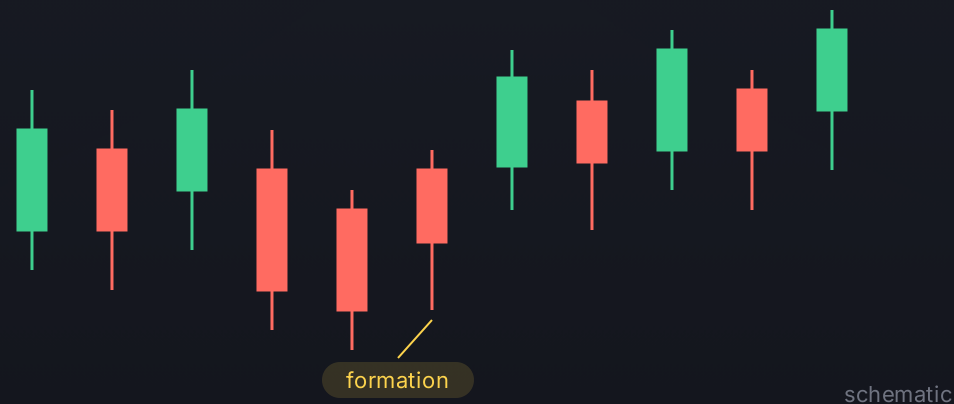
MarketEye and *Candle Genome*.

MARKETEYE · LIVE



The whole market at a glance: clusters by sector and co-movement, every exchange, crypto and FX. Replay any session.

CANDLE GENOME · ONE SYMBOL



Every formation in a stock's history, and what it meant for this stock versus all others. Any day's candle explained using only earlier data.

AI analysis and the interface *in 13 languages.*

- AI explanations and summaries in your language
- Interface translated, including right-to-left
- Tickers and numbers stay exact

English

العربية

中文

Español

Français

Deutsch

日本語

한국어

Português

Русский

हिन्दी

Türkçe

Italiano

A research desk that never sleeps, *without hiring one.*

WORKS 24X7

In session Live quotes, events

~21:05 Daily brief

Nightly Findings, Knowledge, new queries

Always Alerts, tasks, agents

TIME SAVED BY HAND

3,222 h

a year of recurring analyst work, $\approx$ 1.6 analysts

$\approx$ \$322k

a year at \$100 per hour

IN-HOUSE COST PER YEAR

\$0.8M

business hours
4 people

$\approx$ \$3.4M

24x7
 $\approx$ 17 people

Assumptions (illustrative): \$200k per person per year fully loaded; 2,000 h a year (\$100/h). By-hand hours: brief 2 h $\times$ 250 days, screens 1 h $\times$ 250, calls 100 cos $\times$ 4 $\times$ 1 h, thesis re-tests 259 $\times$ 4 / yr $\times$ 2 h. Desk = 2 data engineers + 2 quant analysts working 40 of 168 h a week; 24x7 = 4.2x the people. Excludes data licences, servers and recruiting. EquationDB: one plan, pricing on request.

Plugs into your desk *and your AI.*

CONNECT · NO INSTALL

Your way in

Browser app

REST API

SQL

Python

MCP

Command line

CSV

Webhooks

Slack

Telegram

No spreadsheet add-in; spreadsheets use CSV or the API.

AI AGENTS · MEASURED

Same model, 24 market questions

Alone

11/24

With EquationDB

23/24

MCP server: any AI assistant queries the database instead of guessing.

SECURITY

Built for auditors

Per-firm isolation, two-factor sign-in

Read-only API keys, every call logged

Full audit trail

Every answer carries its query

Hosted, dedicated or private

— NEXT STEP

See it on *your own questions.*

ONE PLAN

Every feature included

No tiers. Pricing on request.

FREE TRIAL

The full product

For your team, on your markets.

30-MINUTE DEMO

On your questions

Tell us what your desk needs to answer.



equationdb.com/contact

Start a trial or book a demo.