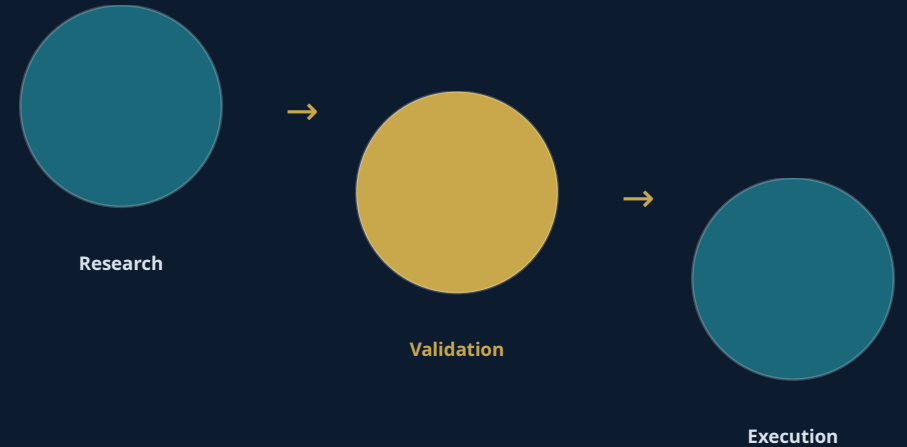


AlphaQuant

Systematic research → controlled validation → production readiness

Automated quantitative trading architecture currently in forward-demo validation.



Muhammad Mudassir | Founder

Confidential investor discussion | August 2026

What you are looking at

BUILT

A functioning systematic trading architecture spanning research, model-driven decisioning, risk controls, automated execution, monitoring and audit infrastructure.

VALIDATING

Forward-demo validation has been running since 26 February 2026 across EURUSD and XAUUSD on MT5.

LEARNING

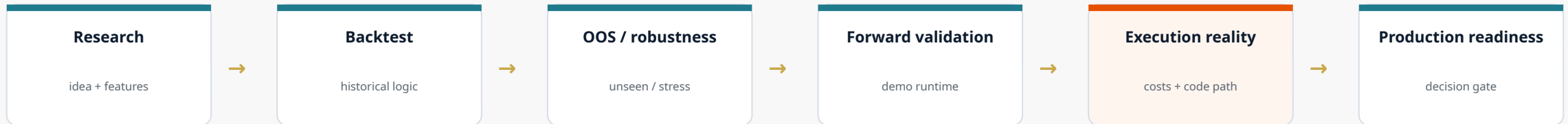
Forward trading exposed a material research-to-live divergence - especially during June - now investigated through forensic replay and parity analysis.

RAISING FOR

Remaining validation, infrastructure and production-readiness runway - not trading capital.

The opportunity is to participate before the system crosses its production-readiness gate - after substantial founder-funded development has already been completed.

A strong backtest is not a production trading system

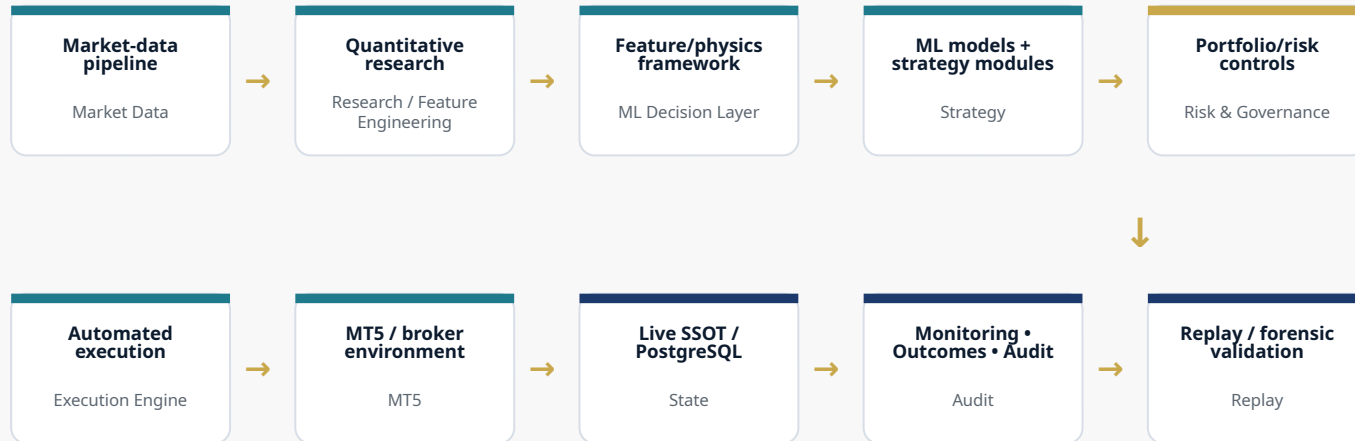


Historical research can deteriorate when exposed to:

- real execution behaviour
- slippage and costs
- changing market regimes
- live feature/data pipelines
- portfolio interaction
- infrastructure differences
- implementation or code-path divergence

AlphaQuant was built around the principle that the research-to-production gap must be measured, not assumed away.

A full systematic trading stack - not just a strategy



System disciplines

- Data engineering
- Quant research
- Machine learning
- Execution systems
- Risk governance
- Forensic validation

Proprietary formulas, signal rules, exact feature recipes and source code are intentionally not disclosed in this deck.

Not a concept. Not a slideware MVP.

● Research infrastructure	Completed
● Historical research/backtesting framework	Completed
● EURUSD + XAUUSD systematic models	Completed / deployed into validation
● Automated MT5 execution	Operational in demo validation
● Database-backed live state	Operational
● Public forward-demo tracking	Operational
● Live-vs-research forensic framework	In progress
● Full replay / code-path parity validation	In progress
● Extended forward-validation runway	Next milestone
● Production-readiness gate	Future milestone - not yet claimed

Core investor question

AlphaQuant is already operating as a system; the current challenge is proving whether the research thesis survives production-like conditions.

Historical research established a strong baseline

Historical research/backtest data - NOT forward/live performance

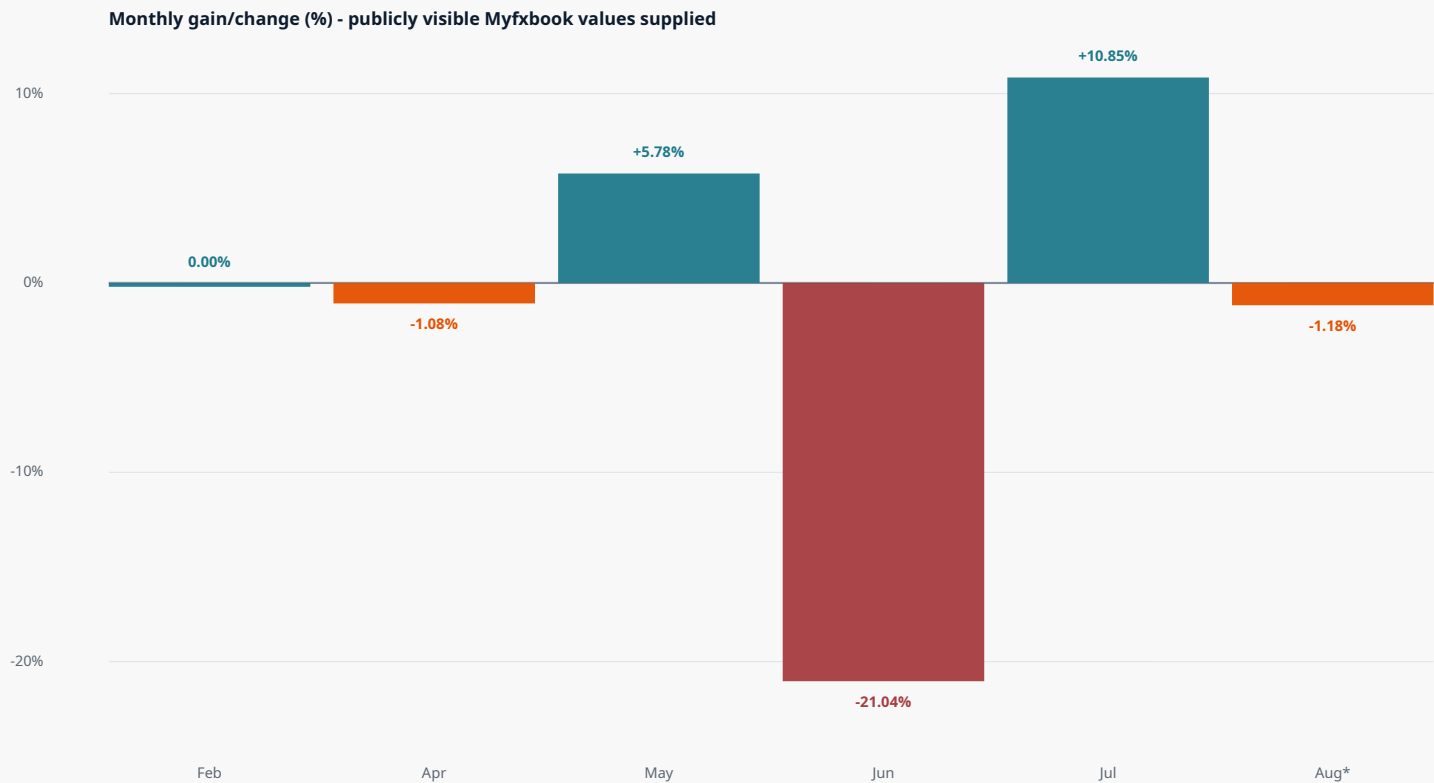
Metric	EURUSD	XAUUSD
Accepted historical trades	1,340	1,599
Wins	937	999
Losses	403	600
Win rate	69.93%	62.48%
Total R	799.08R	829.76R
Expectancy	0.5963R	0.5189R
Profit Factor	3.00	2.39
Worst single trade	-1.00R	-1.00R

Important distinction

These figures establish the research expectation. They are not being presented as evidence that equivalent live performance has already been achieved.

Forward validation has done exactly what it was supposed to do: expose reality

Forward-demo validation started: 26 February 2026



*August through 27 August. March is not represented in the supplied visible data.

AlphaQuant is currently operating in demo validation. No external investor capital is represented by these results. Historical research/backtest and demo performance do not guarantee future results.

What the chart says

- June produced a material deterioration versus the research baseline.
- July rebounded strongly, but one rebound month does not resolve the validation question.



Publicly tracked forward-demo record
Myfxbook URL/QR

Instead of hiding the worst month, we audited it

EURUSD

8 outcomes

realized audit sample

0 / 8

wins / losses

-7.99R

total result

Materially worse than normal historical EURUSD behaviour and beyond the historical accepted-trade maximum loss streak in the research dataset.

XAUUSD

11 outcomes

realized audit sample

4 / 7

wins / losses

+0.42R

total result

USD result was still negative because of sizing, commission and risk distribution.

Conclusion: the June deterioration was heavily concentrated in EURUSD rather than being a uniform collapse across both instruments.

This does not identify the root cause.

The goal is root cause - not retrospective curve fitting

REJECTED AS EASY ANSWERS

- missing bars
- duplicate signals
- invalid probabilities
- corrupt timestamps
- basic live-data integrity
- trading overlap by itself
- one arbitrary probability threshold

Initial forensic tests did not support these explanations strongly enough.

WHAT LOOKS CLEAN

- 0 signals without matching bars
- 0 off-M15 timestamp-boundary issues
- 0 null probabilities
- 0 out-of-range probabilities
- 0 suspicious final-risk values
- 0 duplicate bars
- 0 duplicate signals

OPEN INVESTIGATION

Live signals frequently matched previous-bar physics rather than same-bar physics.

100% previous-bar physics match

EURUSD proposed signals

100% previous-bar physics match

XAUUSD proposed signals

This is NOT yet proven to be a bug. If the research/backtest path intentionally used the same completed previous bar, live behaviour may be correct. Full replay and code-path parity are required before a verdict.

Why we have not "fixed" the system just to improve the chart

Tempting retrospective fixes

- A half-risk rule below certain probability thresholds could have reduced June losses.
- Concurrent-position limits would have reduced certain live clusters.

But historical testing showed lower-probability trades and overlap were not automatically harmful.

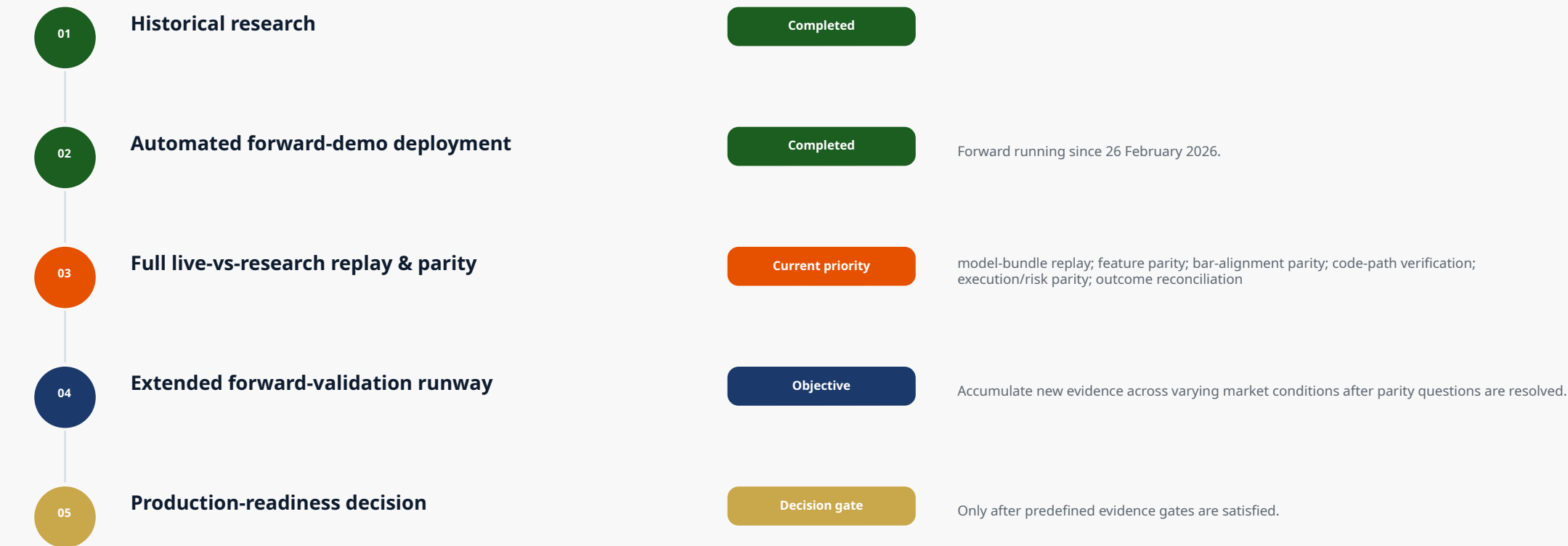
Evidence-first change control

A rule that improves the worst live month after the fact is not automatically a valid improvement. It can simply be another form of overfitting.

AlphaQuant changes the system only when the evidence supports the mechanism behind the change.

Validation philosophy: mechanism before optimization.

Clear production-readiness gates



Production readiness is a decision gate - not a date promised in advance.

The asset is bigger than one equity curve

Intellectual property

System architecture, research processes and proprietary strategy logic.

Research infrastructure

Long-history data, testing and robustness workflows.

Automated execution

MT5-integrated systematic execution.

AlphaQuant

Risk infrastructure

Risk sizing, portfolio state and governance mechanisms.

Validation infrastructure

Forward tracking, live SSOT, outcomes, audit and forensic replay.

Operational knowledge

Real research-to-forward behaviour already observed.

The investment thesis is not “fund this account and hope the returns continue.” It is “complete the de-risking of a substantial systematic trading technology asset.”

Multiple commercial routes become possible after validation

Potential commercialization paths under evaluation - not contracted revenue

Strategic deployment / JV

Deploy AlphaQuant together with a capital-markets or systematic-trading partner.

B2B technology / infrastructure licensing

License selected trading, execution, validation or risk components to suitable partners.

Proprietary deployment

Operate validated systematic strategies through an appropriate proprietary structure.

Institutional integration

Selective integration with investment/trading organisations where strategically and legally appropriate.

The final commercial model should be selected after technical validation and with appropriate legal/regulatory structuring.

AlphaQuant is not presented as an asset manager, investment adviser or licensed fund.

Founder-led. Founder-funded. Technically hands-on.

**Muhammad
Mudassir**

Founder - AlphaQuant

USD 5,714

personally funded development

- Solo founder responsible for development and direction of AlphaQuant.
- Built the system through research, development, backtesting and forward-demo deployment.
- Continues operating and investigating the system full-time.
- Maintains ownership of the underlying IP/research architecture.
- Chose continued validation over prematurely presenting AlphaQuant as production-ready.

The founder has already taken the technical and financial risk required to move AlphaQuant beyond the idea stage. The next capital is intended to complete validation and production readiness - not to begin development from scratch.

Looking for more than capital

AlphaQuant is seeking the right strategic investor / partner to support the remaining validation and infrastructure runway.

Funding is NOT being sought as trading capital.

Preferred partner can contribute

- strategic capital
- quantitative/technical perspective
- venture-building experience
- capital-markets experience
- institutional introductions
- commercialization guidance

Use of capital

Complete validation	Full model replay, research/live parity and forensic testing.
Infrastructure	Harden execution, monitoring, databases, observability and deployment architecture.
Validation runway	Continue forward evidence collection without premature production capital.
Production readiness	Security, reliability, operational controls and final deployment preparation.

Investment size and structure to be aligned with the agreed validation/production roadmap during diligence. Open to strategic partnership / equity arrangement / mutually agreed commercial structure.

**The objective is not to make the forward curve look perfect.
The objective is to determine whether AlphaQuant deserves to
become a production system.**

AlphaQuant

Systematic research → controlled validation → production readiness.

Muhammad Mudassir



Forward-demo record: Myfxbook QR / URL

Open to a focused technical + investment discussion.

Historical robustness

EURUSD

Additional Cost Stress	Total R	Profit Factor
0.00R / trade	799.08R	3.00
-0.05R / trade	732.08R	2.75
-0.10R / trade	665.08R	2.51
-0.15R / trade	598.08R	2.30

XAUUSD

Additional Cost Stress	Total R	Profit Factor
0.00R / trade	829.76R	2.39
-0.05R / trade	749.81R	2.20
-0.10R / trade	669.86R	2.02
-0.15R / trade	589.91R	1.86

Interpretation: The historical research edge did not disappear under material synthetic cost stress, suggesting that simple transaction-cost fragility alone is unlikely to explain the entire forward divergence.

This does not eliminate potential model overfit, feature mismatch or live/research implementation divergence.

June EURUSD anomaly

6

Historical EURUSD maximum accepted loss streak

8 consecutive losses / -7.99R

June 2026 realized EURUSD audit sequence

-6.03R

Historical rolling 8-trade EURUSD worst observed

Rolling 8-trade comparison



Historical worst

-6.03R



June live

approx. -7.99R

Conclusion: June was sufficiently abnormal relative to historical expectations to justify full forensic replay rather than being dismissed as ordinary variance. This does not prove overfitting.

Why simple trade-overlap blocking was rejected

1,340

Historical EURUSD accepted trades

525

Trades with at least one prior open position

0.4229R

Average R with no prior open

0.8779R

Average R with 3+ prior open

Exact EURUSD / HARVEST / SELL / Asia cell

Average R overall: 0.4107R

Average R with 3+ prior same-cell positions: 1.1226R

Historical evidence does not support claiming that concurrent exposure alone caused June's failure. This is why an arbitrary "one trade at a time" fix has not been accepted.

Probability behaviour

Probability	Trades	Expectancy	PF
≥0.60	45	1.3985R	63.93
0.58-0.60	94	0.9771R	8.65
0.56-0.58	189	0.9552R	7.45
0.54-0.56	339	0.7257R	4.02
0.52-0.54	508	0.3761R	1.99
0.50-0.52	165	0.1618R	1.32

Interpretation

Higher-confidence signals were historically stronger, but lower-confidence bands were still positive contributors.

Therefore, a hard probability blocker may improve drawdown while deleting historically productive trades. It cannot be adopted purely because it would have improved June retrospectively.