A SIX-MONTH PORTFOLIO CASE STUDY

I own 48 stocks. But is the portfolio actually healthy?

I built a dashboard to understand performance, risk and diversification — not just profit.

29.9%

6-MONTH BASKET GROWTH

vs

−5.6%

NIFTY 50

The interesting part is what happened between the start and finish.

CONTEXT FIRST

48 holdings, one benchmark and six months of daily market behaviour.

48
STOCKS
large + mid + small

6M
PERIOD
27 Jan–24 Jul 2026

NIFTY
BENCHMARK
both indexed to 100

PURPOSE

To answer three practical investor questions:

1. Did the portfolio beat the market?
2. What risk came with that growth?
3. Is capital diversified or concentrated?

Method: today's 48-stock basket was valued at historical daily prices. This is a fixed-basket comparison, not a reconstruction of actual purchase dates.

THE ANALYTICAL JOURNEY

The dashboard follows the same questions a viewer naturally asks.

1

What happened?

Actual portfolio value plus historical basket growth versus NIFTY.

2

How difficult was the journey?

Volatility, beta, correlation and drawdown.

3

Where is the money?

Market cap, sector, industry and holding allocation.

4

What deserves attention?

Winners, weak positions and risk–return quadrants.

FOUR TERMS — NO FINANCE DEGREE REQUIRED

These metrics describe movement, similarity and downside.

VOLATILITY

How sharply returns moved up and down.

22.1% annualised

BETA

How strongly the portfolio reacted to market moves.

1.04 overall

CORRELATION

How closely it moved in the same direction as NIFTY.

0.80

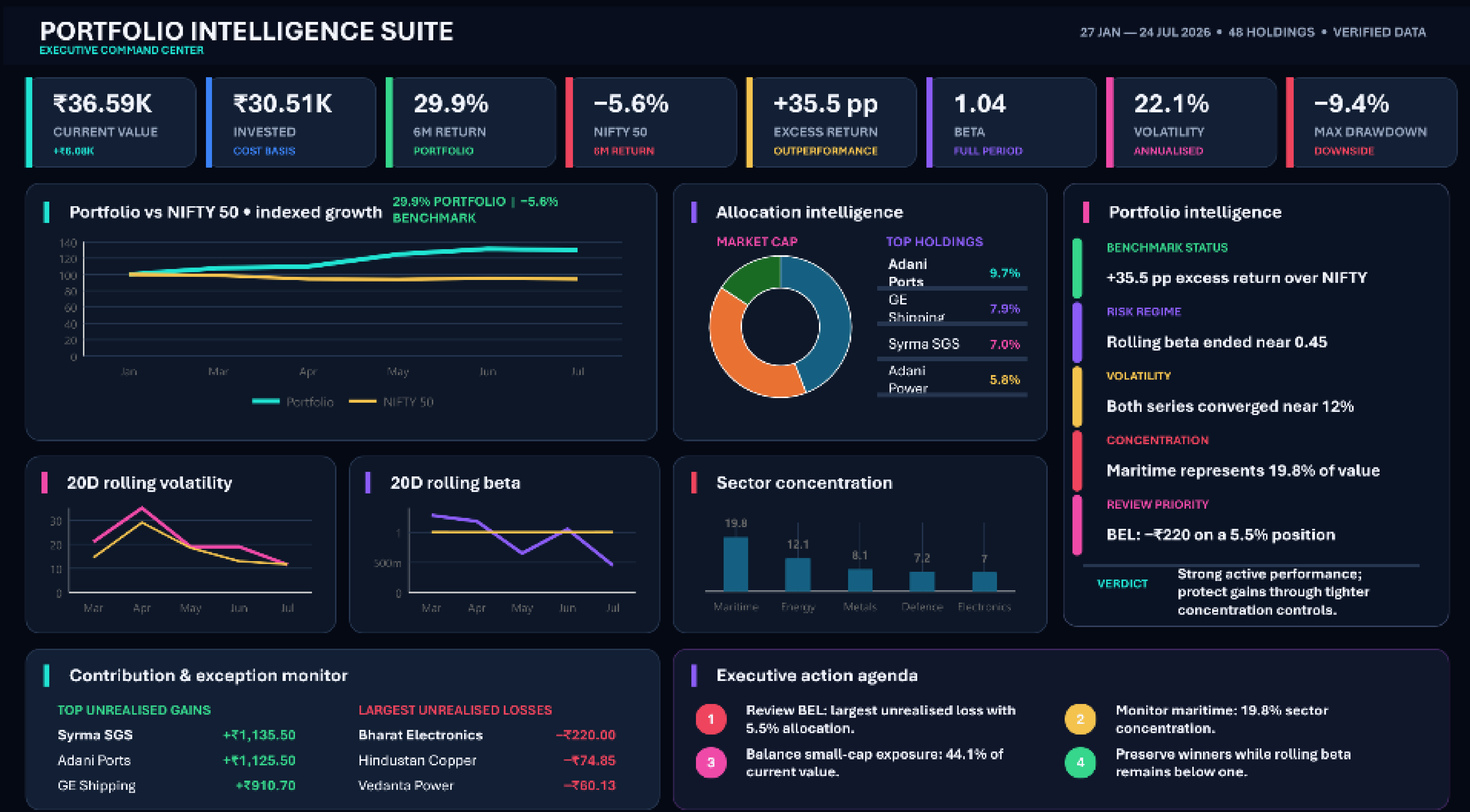
DRAWDOWN

The largest fall from a previous portfolio peak.

−9.4%

THE FINISHED DASHBOARD

One page combines the answer, the evidence and the action.



WHY THIS PAGE EXISTS

A recruiter sees the conclusion quickly. A finance viewer can inspect the measures. A layperson can follow the insight panel.

START WITH THE OUTCOME

₹30.51K of actual purchase cost is now worth ₹36.59K.

₹30.51K
INVESTED CAPITAL
cost basis

₹36.59K
CURRENT VALUE
market value

₹6.08K
UNREALISED GAIN
19.9% on invested capital

29.9%
6-MONTH HISTORICAL GROWTH
fixed basket: 27 Jan–24 Jul

TWO DIFFERENT STARTING POINTS

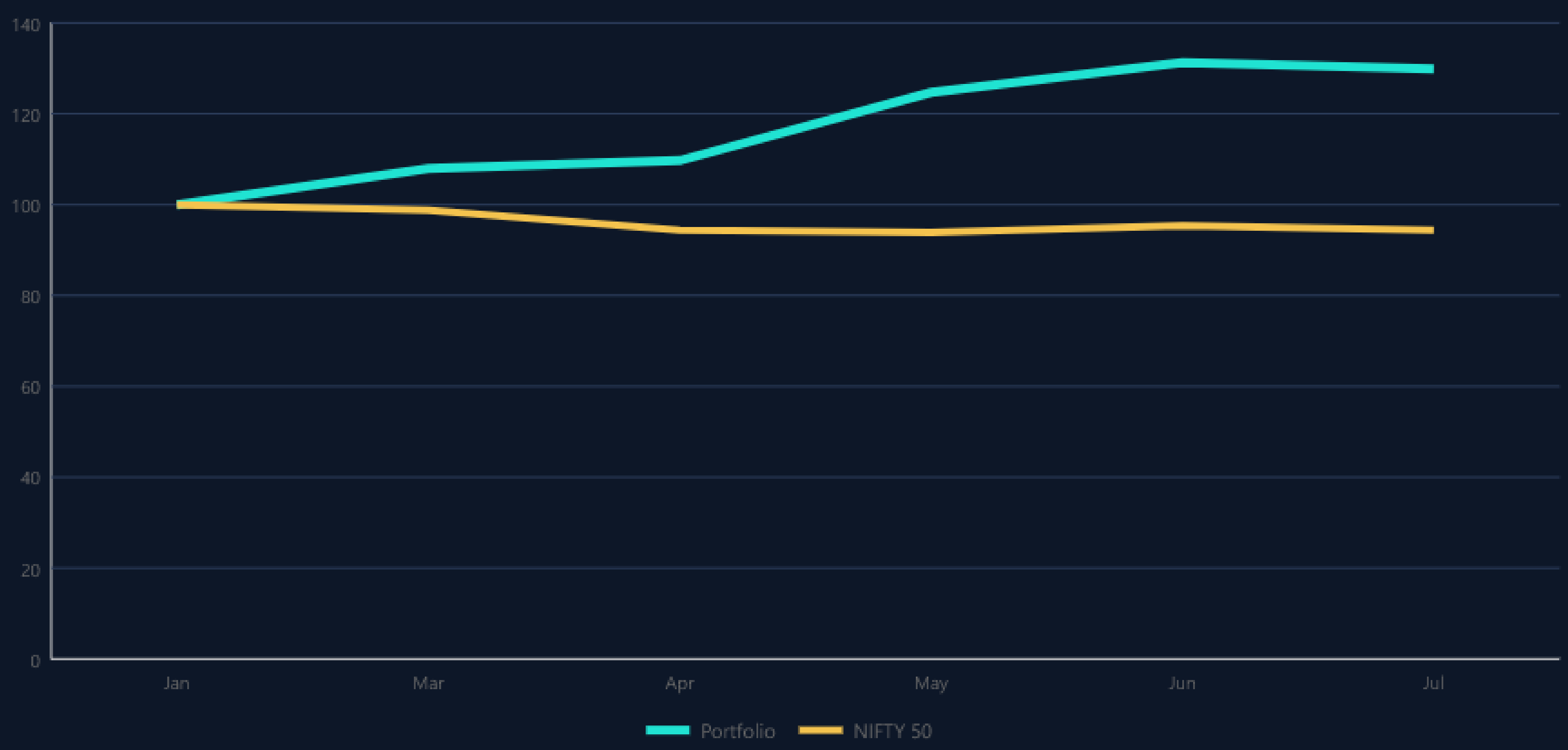
ACTUAL GAIN • ₹30.51K is the purchase cost, independent of the chart timeline. Current value ₹36.59K = +19.9%.

HISTORICAL GROWTH • The same 48-stock basket was worth ₹28.16K on 27 Jan and ₹36.59K on 24 Jul = +29.9%.

The historical figure does not represent your personal purchase-date return.

THE SIMPLEST BENCHMARK STORY

Indexed to the same starting value of 100, the basket ended near 130 and NIFTY near 94.

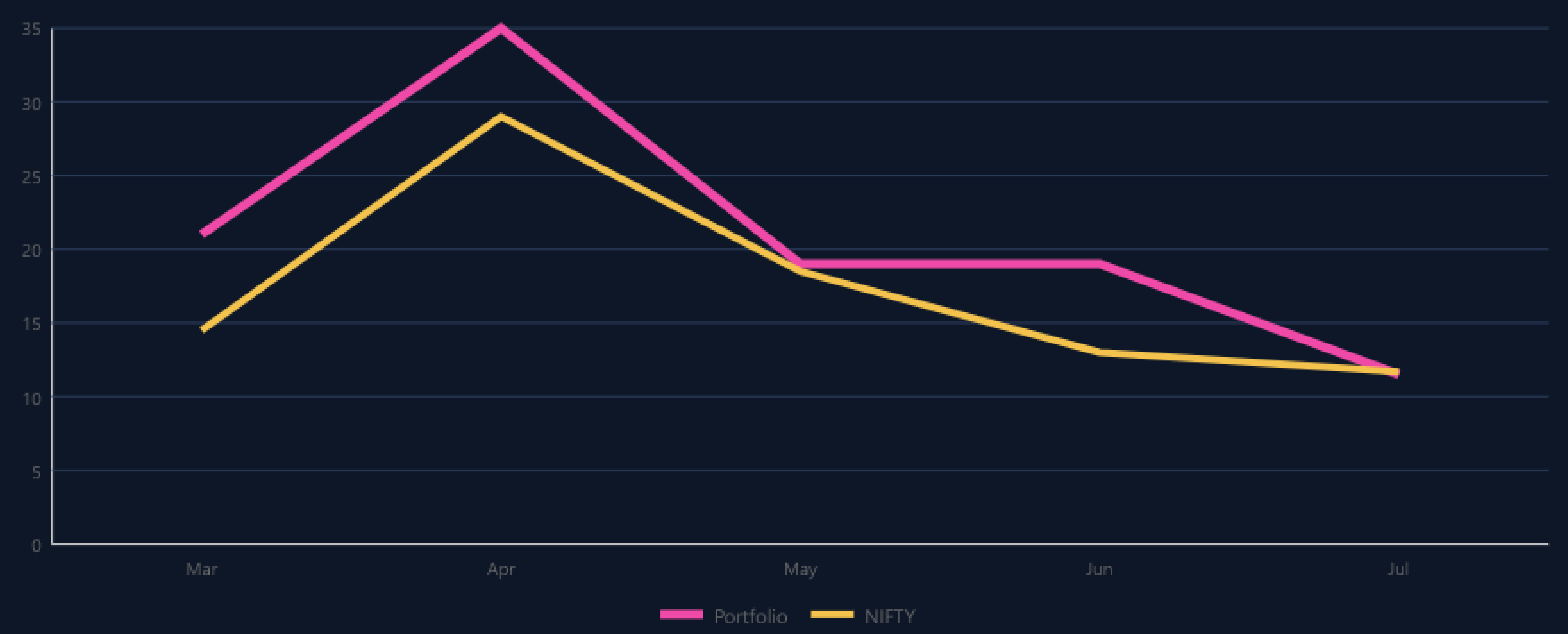


PLAIN ENGLISH

The fixed basket grew 29.9% while NIFTY fell 5.6%: a 35.5 percentage-point gap. Indexing makes different rupee sizes comparable.

GROWTH IS ONLY HALF THE STORY

The basket was initially bumpier than NIFTY, but the volatility gap narrowed.

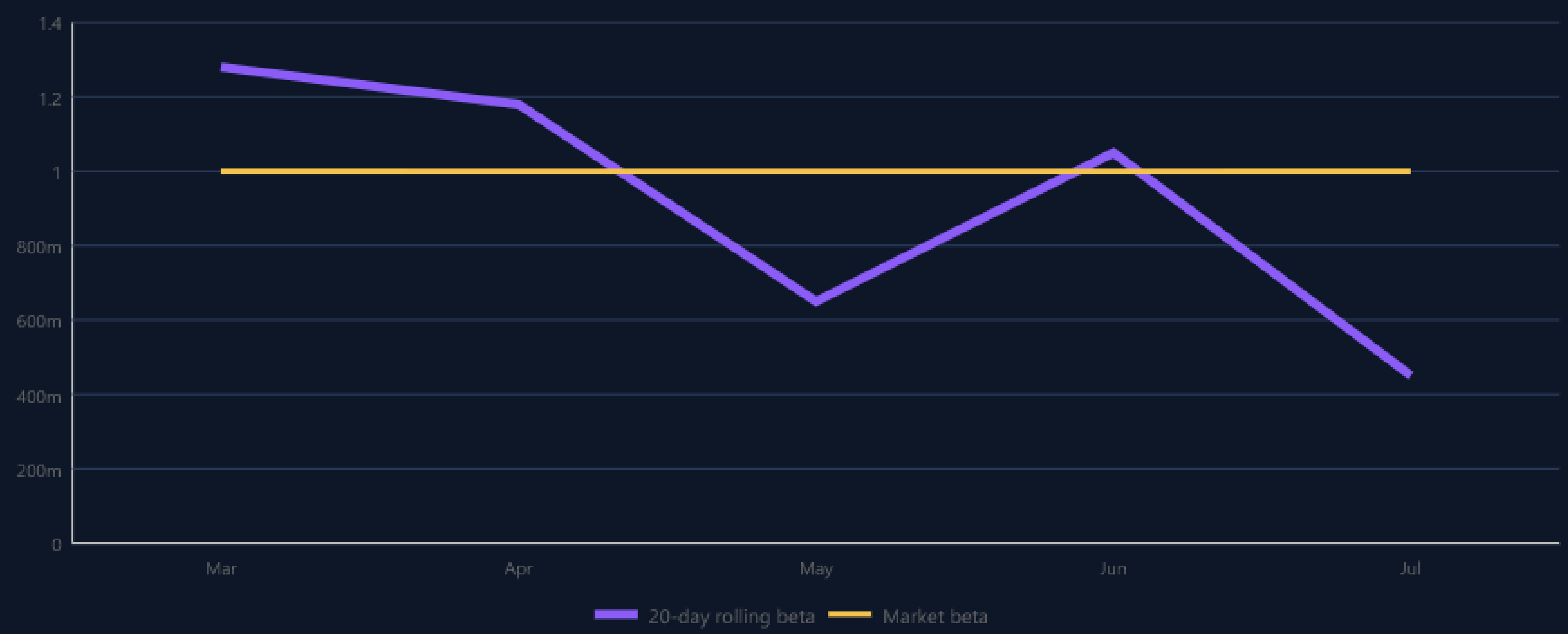


WHAT CHANGED?

Portfolio volatility peaked near 35% around April. By late July, both portfolio and NIFTY were close to 12%.

RISK CHANGED THROUGH TIME

Six-month beta was 1.04, but 20-day rolling beta ended near 0.45.



BETA

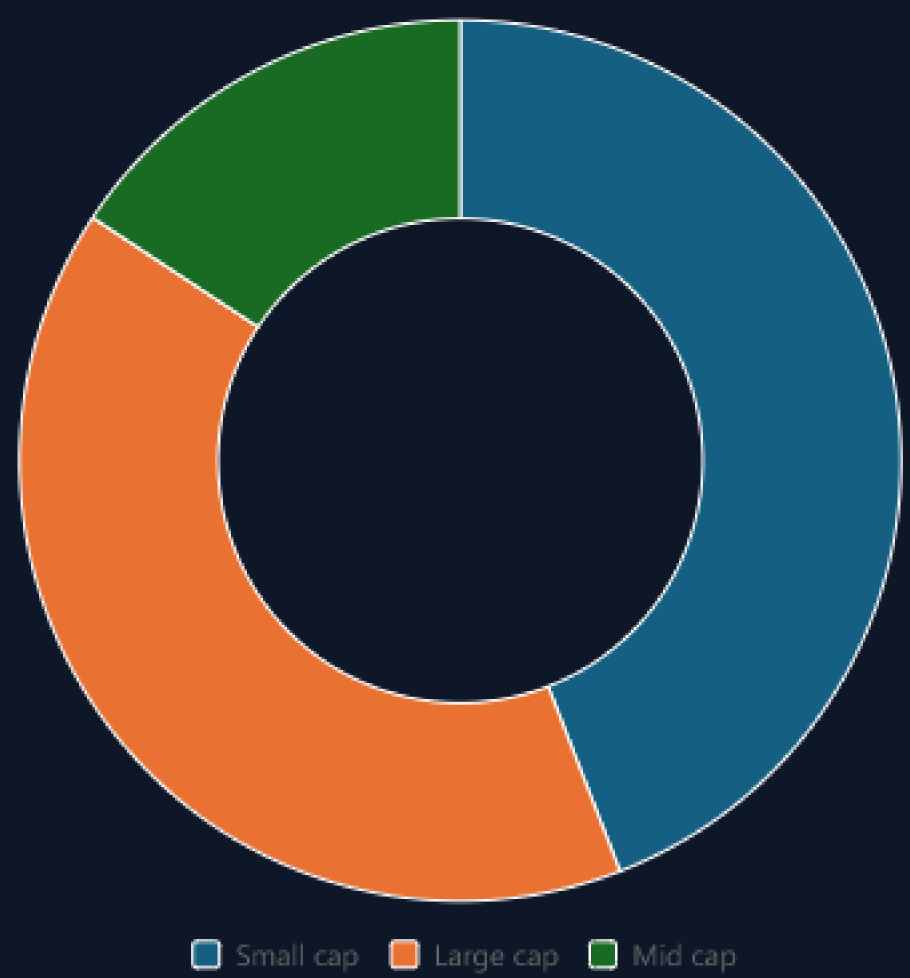
Sensitivity to market movement declined sharply by the end.

CORRELATION • 0.80

Daily returns generally moved with NIFTY, but not identically.

IS THE PORTFOLIO DIVERSIFIED?

Small caps lead by value, while large caps provide a substantial counterweight.



44.1%

SMALL CAP

40.2%

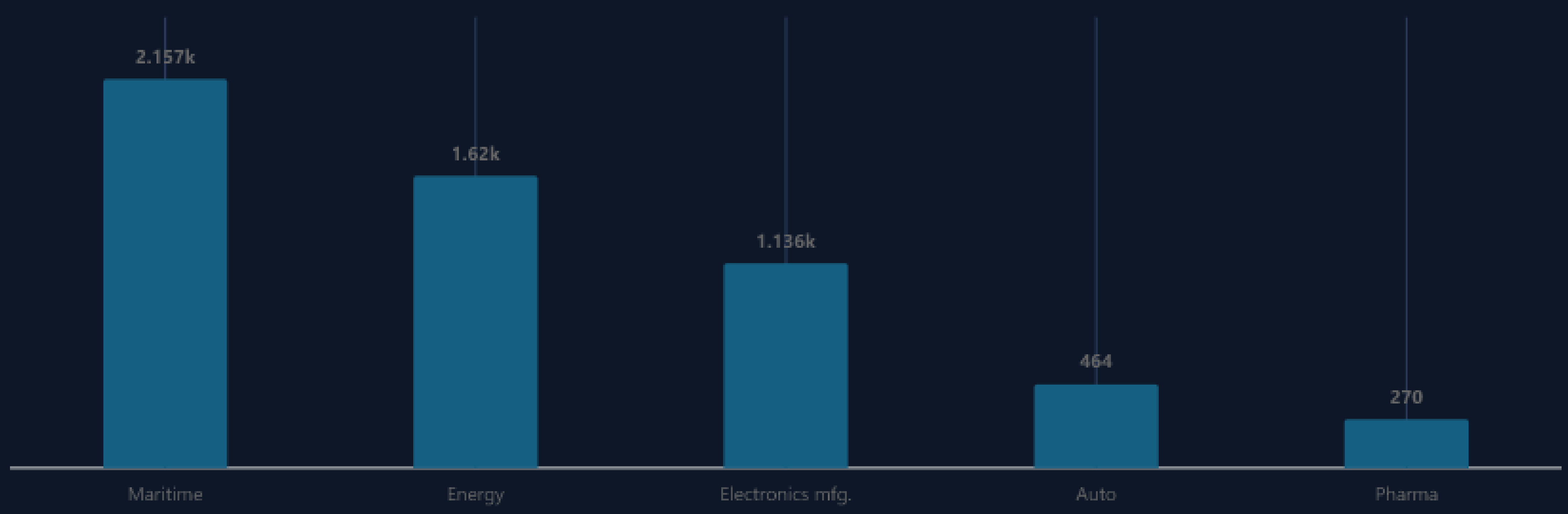
LARGE CAP

INTERPRETATION

48 stocks sounds diversified—but value weighting reveals where the actual exposure sits.

WHERE DID VALUE CONCENTRATE AND GROW?

Maritime is both the largest sector and the largest gain contributor.



LARGEST SECTOR

Maritime • 19.8% of value

Adani Ports • GE Shipping • SCI

Gain contribution: +₹2.16K

INDUSTRY SIGNAL

Electronics manufacturing

Syrma SGS contributed +₹1.14K

WHICH HOLDINGS DROVE THE RESULT?

Strong contributors and review candidates become visible immediately.

TOP UNREALISED GAINS

Syrma SGS	+₹1,135.50
Adani Ports	+₹1,125.50
GE Shipping	+₹910.70

LARGEST UNREALISED LOSSES

Bharat Electronics	−₹220.00
Hindustan Copper	−₹74.85
Vedanta Power	−₹60.13

POSITION SIZE MATTERS

Adani Ports is the largest holding at 9.7%. BEL is the largest unrealised loss and still represents 5.5% of value.

REWARD VERSUS UNCERTAINTY

The risk–return quadrant turns a technical scatter plot into a review queue.

**LOWER RISK
HIGHER RETURN**

Adani Power
Return 58.9% • Vol 39.0%

**HIGHER RISK
HIGHER RETURN**

Syrma SGS
Return 96.1% • Vol 45.7%

**LOWER RISK
LOWER RETURN**

Adani Ports
Return 29.7% • Vol 31.6%

**BORDERLINE REVIEW
CANDIDATE**

Shipping Corporation
Return 30.4% • Vol 53.4%

METHOD • Return = each stock's six-month price change • Volatility = annualised variation in daily returns

Quadrant reference lines: average return 30.4% • average volatility 44.5%

THE WHOLE STORY ON ONE PAGE

Strong performance, moderating risk and identifiable concentration.

PERFORMANCE

Fixed basket +29.9% vs NIFTY −5.6%; actual unrealised gain is 19.9%.

RISK

Volatility converged near 12%; 20-day rolling beta ended near 0.45.

MARKET CAP

Small caps lead at 44.1%; large caps provide 40.2%.

SECTOR

Maritime is largest at 19.8% and added +₹2.16K in unrealised gain.

HOLDINGS

Adani Ports is largest; Syrma is top gainer; BEL needs review.

WHY THIS PROJECT MATTERS

It translates financial calculations into a story that different audiences can use.

1

For a layperson

Understand what happened without needing a finance background.

2

For a recruiter

See business framing, data storytelling and decision-focused design.

3

For a finance viewer

Inspect beta, correlation, drawdown, volatility and allocation logic.

BUILT WITH

Python • Power BI • DAX • Power Query • Excel

Portfolio Intelligence Suite

Vikramaditya Rathore | vikramadityaanalytics.com