

// NEXURAL AUTOMATION

Automation Maturity Self-Assessment

Score yourself honestly across 5 dimensions to identify where you are on the Automation Maturity Ladder and which skills to develop next.

Score	What it means
0	Not in place / haven't thought about it
1	Started but incomplete or untested
2	In place, tested in paper trading
3	Battle-tested in live trading with audit trail

Dimension 1: Code & Infrastructure

Question	Score (0-3)	Notes
Strategy code is version-controlled with meaningful commit history	—	
Automated tests cover entry, exit, and sizing logic	—	
Infrastructure can be rebuilt from code in under 30 minutes	—	
Secrets and credentials are managed securely (not in code)	—	
Deployment is scripted and reproducible	—	

Dimension 1 Total (max 15): _____

Dimension 2: Risk Controls

Question	Score (0-3)	Notes
Daily loss limit is enforced in code (not just policy)	—	
Maximum position size is validated before submission	—	
Kill switch is tested and accessible within 10 seconds	—	
Drawdown circuit breaker pauses new signals when triggered	—	
R:R validation rejects trades below your minimum threshold	—	

Dimension 2 Total (max 15): _____

Dimension 3: Data & Signal Quality

Question	Score (0-3)	Notes
Data feed is tested for gaps, latency, and timezone accuracy	___	
Backtest uses out-of-sample data with zero look-ahead bias	___	
Walk-forward testing validates strategy across different regimes	___	
Transaction costs (slippage, commissions) are modeled realistically	___	
Strategy performance degrades gracefully on data gaps	___	

Dimension 3 Total (max 15): _____

Dimension 4: Execution & Integration

Question	Score (0-3)	Notes
Order submission uses idempotency keys (no duplicate risk)	___	
All order types needed by the strategy are tested end-to-end	___	
Partial fills are handled correctly in strategy state	___	
Broker connection drop triggers graceful pause (not error crash)	___	
Paper trading results match live trading within 10% slippage error	___	

Dimension 4 Total (max 15): _____

Dimension 5: Monitoring & Observability

Question	Score (0-3)	Notes
Heartbeat monitor alerts within 60 seconds of any process failure	___	
P&L; and position dashboard updates in real-time	___	
Structured logs retained for ≥ 90 days with searchable format	___	
Anomaly detection flags unusual position sizes or signal frequency	___	
Post-trade report generated automatically after each session	___	

Dimension 5 Total (max 15): _____

Interpreting Your Score

0–15	Stage 1: Manual You're executing by hand. The ladder starts here for everyone. Focus on Dimension 2 (Risk Controls) first.
16–30	Stage 2: Alerted You have alerts in place. Good. Now build the broker bridge (Dimension 4) to automate the pull-the-trigger problem.
31–45	Stage 3: Semi-Auto Webhooks routing to broker. Solid foundation. Shore up monitoring (Dimension 5) before going deeper.
46–60	Stage 4: Fully-Auto Strategy owns entries, exits, sizing. You monitor and intervene. Codify your intervention rules.
61–75	Stage 5: Self-Healing Regime-aware, self-correcting, auditable. You've built an institutional-grade system. Review quarterly.

TOTAL SCORE (max 75): _____

Work through the 12-week curriculum to advance stages: nexural.io/automation