

EXEQUITION

Analytics



DRIVE BETTER DECISION MAKING WITH EFFECTIVE TCA

In a rapidly evolving landscape, post-trade execution analysis continues to grow in significance. As trading shifts towards more dynamic, learning-based models, understanding and measuring the incremental value of trader decisions, strategy behaviour and model outputs becomes even more critical.

Effective TCA should answer three questions

1. What happened?
2. Why did it happen?
3. What changes should you make to improve?

Traditional TCA vendor products are adept at answering the first question, providing visuals, summaries and interactive ways to consume their results. Using these tools to move beyond the first question to find actionable insights to improve your trading process is considerably more difficult.

Our analytics framework is designed to provide comprehensive insights into trading performance, enable trading organisations to optimise execution strategies, enhance transparency, and ultimately improve efficiency and performance

We achieve this through.

- The use of innovative metrics that focus on potential for optimisation
- Extending metrics from order-summary to order life-cycle to measure variation in performance over time
- Expanding metrics from individual orders to portfolios of orders to enable identification of trends and patterns
- Visualisations to offer actionable insights into the factors contributing to your execution performance

Investigate

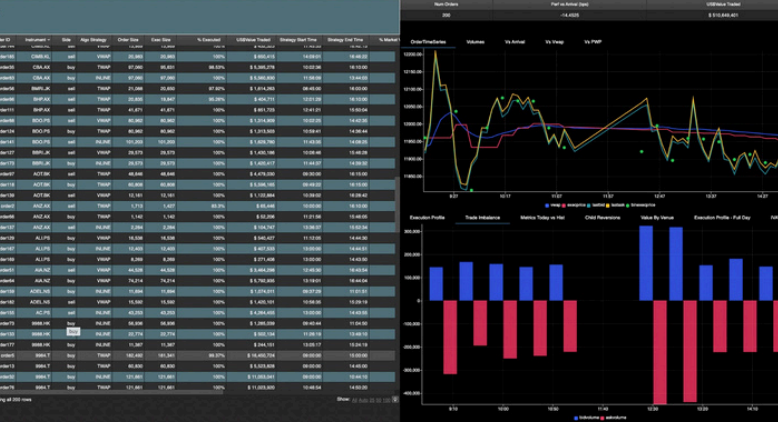
A robust and reliable process customised to the nuances of your trading to further understanding of your trading activity and the complex market microstructures.

Understand

The ability to interrogate your datasets with custom analytics allows you to move beyond basic understanding of trading performance to identify genuine insight. Flexible and speedy iterations allow critical investigation into areas of optimisation.

Improve

Accelerate decision making processes to swiftly adapt to changing market conditions, fine-tune trading behaviours and optimise for efficiencies.



Move Beyond Headlines

The ability to delve deeper than aggregate summaries is a pre-requisite to unearth genuine insight into your trading process and identify actionable optimisation opportunities beyond surface-level information.

Extending benchmark comparisons from parent order level to include both child instructions and executions leads to a richer, more nuanced understanding of trading patterns.

Comparison of the distribution of performance throughout the order life-cycle and across different order and stock characteristics is the basis for improved decision making and a true understanding of best execution opportunities.

Identify Areas to Optimise

Our library of analytics includes over 200 execution metrics including innovative benchmarks designed to offer genuine insight into areas of optimisation.

Whilst standard metrics like IS, VWAP or PWP offer understanding of how performance varies over different order or market characteristics, they're unlikely to help identify where the potential for optimisation lies.

A focus on outliers is equally unlikely to offer inspiration as typically, the orders with the worst performance were caused by external market factors, over which, your trading decisions had little impact.

Instead we focus on metrics that identify potential to improve, the specifics of which vary to suit different styles of trading.

Pivot Your Perspective

Our execution analytics framework enables analysis at both summary and individual order level so traders can interrogate the features they observe in individual orders in detail and trading desk management or quantitative analysts can use the same tools to identify patterns in trading over time.

Changing the angle or approach from which data is interpreted allows users to uncover insights that may not be immediately obvious.

By shifting focus from aggregate to granular data or considering performance against a wider range of metrics or order characteristics, users can gain a more comprehensive understanding of the patterns, trends, or opportunities that might have been previously overlooked.



ABOUT US

ExeQution Analytics was founded with two goals

- To increase the efficiency and effectiveness of kdb+ analytic platforms across both buy and sell side trading organisations, empowering them to better understand the environment in which they operate, providing insight towards improved trading outcomes through fast and flexible analysis.
- To create a centre of excellence across both time series technology and trading analytics by mentoring a new generation of specialised analytics consultants to fill demand in a growing market. With 20+ years experience in this space, we are committed to developing skilled consultants who can design, deliver and support world-class analytic platforms.

We believe in

- Delivering on promises
- Our reputation for excellence
- A collaborative & co-operative approach
- Exceeding expectations
- Efficient solutions to complex problems

With extensive experience in kdb+ and a deep understanding of the market data and trading landscape, we have a proven track record of delivering expedient and efficient results to our clients. Utilise our expertise to augment your technology and trading analytics teams.

Our core focus is to partner with clients to help unlock the power of data through kdb+ and increase the accessibility and usability of data and analytics across the trading lifecycle. We achieve this through close collaboration with in-house resources, sharing our knowledge, expertise and experience throughout the team.

Our consultants have expertise in the use of kdb+ and other technologies to facilitate quantitative research, market microstructure analysis, electronic trading, market making, best execution and compliance/surveillance needs across all aspects of a trading desk.

With a deep understanding of the WHY behind the business requirements, we provide consultants with excellent communication skills, capable of delivering elegant and efficient solutions to those challenges.



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