

8,000% Improvement in Trading Performance from Online Analytics Solution

Finance

Data Science

Data Processing

Data Visualization

Customer

A global provider of financial technology solutions

Industry

Financial services

Challenge

To create an online application that analyzes stockbroker performance on the NYSE and NASDAQ markets, capable of handling increasing speed and volume of generated data. To provide high-quality research, development and support services, enhancing data management, investment accounting, performance measurement and attribution solutions.



Solution

Brokerage Data Processing Engine

Calculates trading performance based on the transactions and market data submitted to the system by brokerages such as SLK (Spear, Leads & Kellogg), OST (OnSite Trading) and ETG (Electronic Trading Group).

Studies Processing

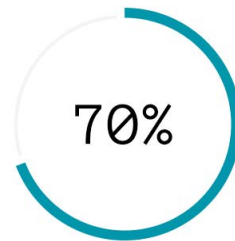
Trade profiling helps traders define their top trades based on the security analysis of the data available in the system, considering overlays (index, moving averages, Bollinger Bands etc.), price-based indicators (RSI, Stochastic etc.) and volume indicators.

The concept was developed and implemented by ELEKS' business analysts, data scientists and developers.

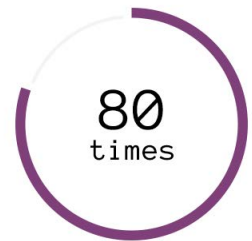
Data Visualization Module

Graphic representation of all system processes.

“What-If” analysis allows traders to develop and tune their trading strategy based on the current market conditions.



Time saved for market investigations



Improved trading performance

Trade Analysis

Brokerage Data Processing Engine

Studies Processing

Data Visualization modules

Business Benefits

- 8,000% improvement in trading performance
- Insured trading opportunities through timely risk identification and tracking
- Up to 70% time saving on market investigation and trading strategies creation

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Have a question? Write to eleksinfo@eleks.com

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