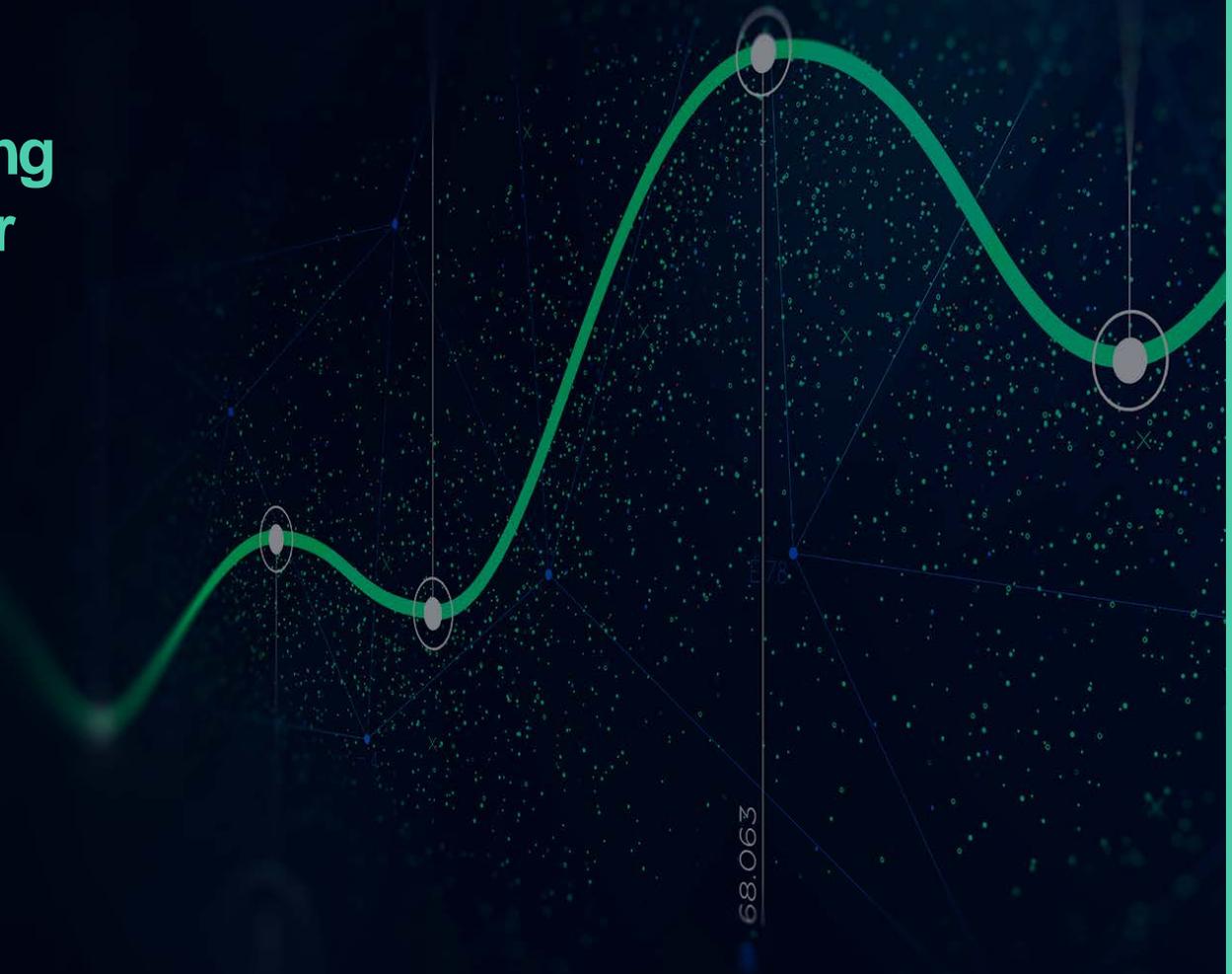
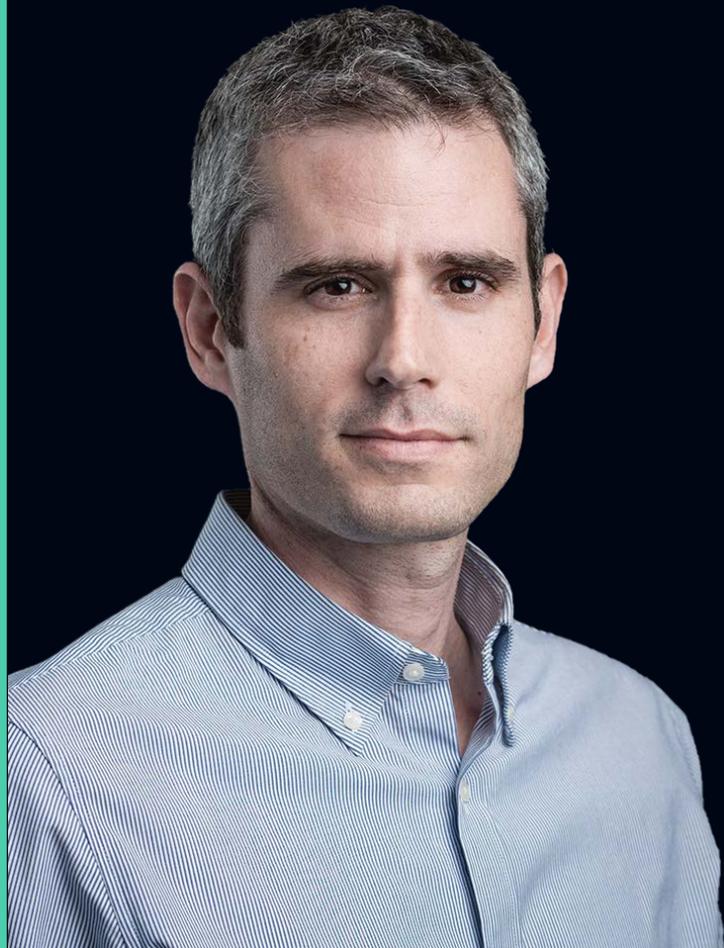


How Automated Trading Can Help Improve your Portfolio

Between the increasing presence of social media and the accelerated dissemination of information, there are more factors influencing markets than ever before. This onslaught of communication makes it both more difficult and more important than ever for traders to stay disciplined and stick to their hard-won trading plans. In this webinar we want to discuss how automation can help by following the traders' plan round-the-clock without the influence of human emotion or bias.

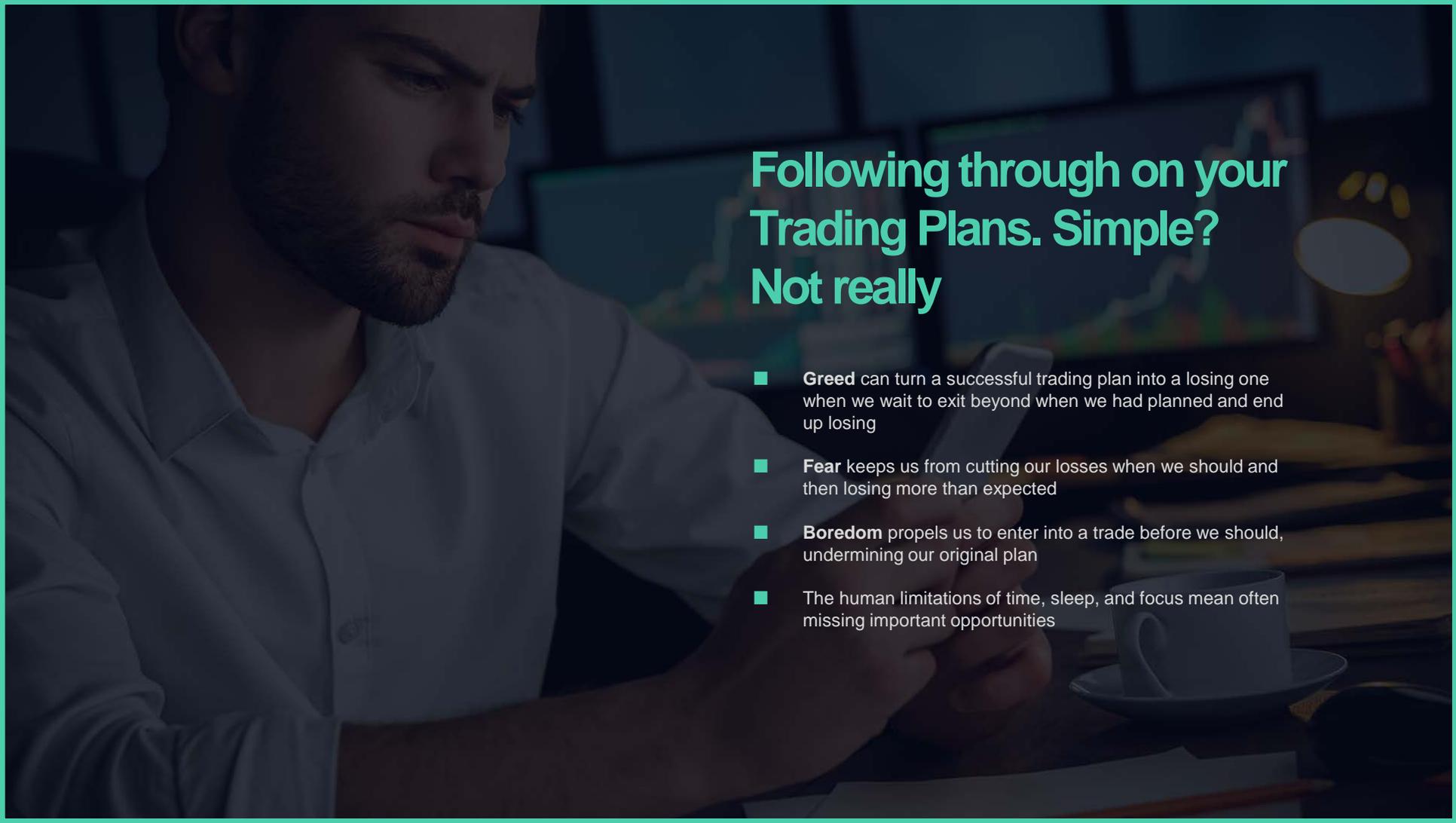




Who is Shahar?

Shahar hails from the world of day trading, where he traded in traditional markets for over 15 years. As an engineer, he developed automated trading systems for the derivatives markets. He has vast experience as a day trader, and has worked as a product manager at various technology companies. Shahar is a DIY enthusiast, favoring projects that use electronic or mechanical tools to provide tangible solutions.

What makes a trader?

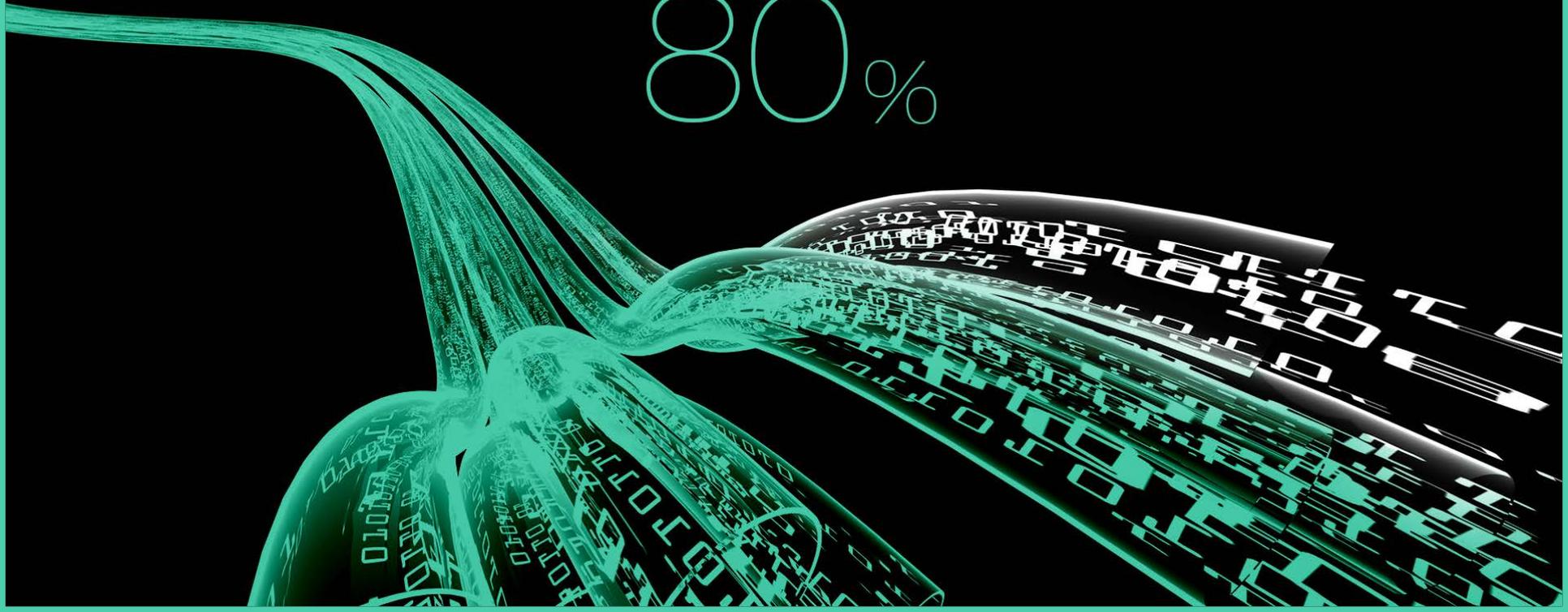


Following through on your Trading Plans. Simple? Not really

- **Greed** can turn a successful trading plan into a losing one when we wait to exit beyond when we had planned and end up losing
- **Fear** keeps us from cutting our losses when we should and then losing more than expected
- **Boredom** propels us to enter into a trade before we should, undermining our original plan
- The human limitations of time, sleep, and focus mean often missing important opportunities

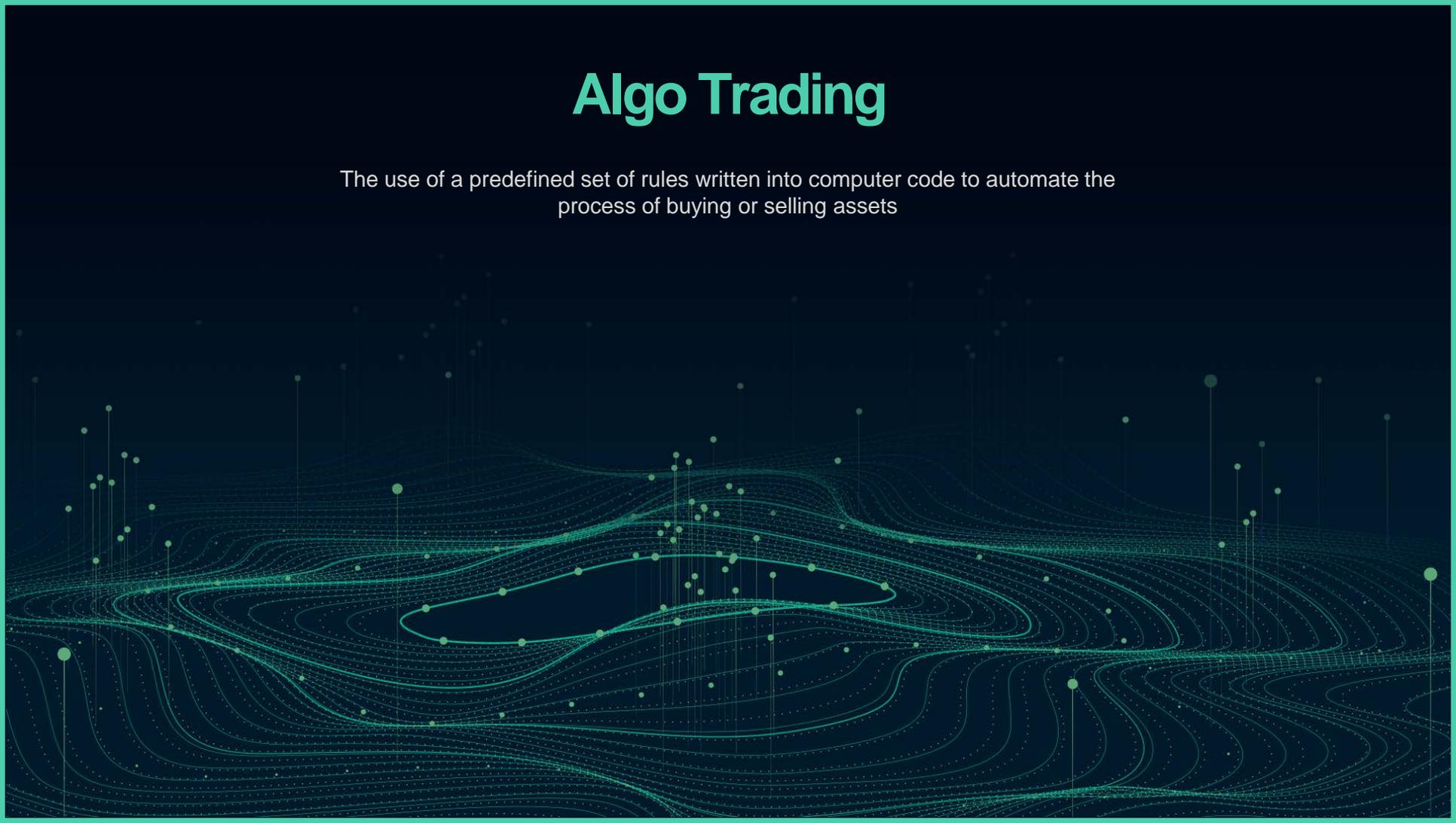
How trading has changed in the past few years

80%



Algo Trading

The use of a predefined set of rules written into computer code to automate the process of buying or selling assets



Interactive Brokers' Execution Algorithms

The screenshot shows the Interactive Brokers website interface. At the top, there is a navigation bar with the logo, language selection (ENGLISH), a search bar, and buttons for LOG IN, OPEN ACCOUNT, and FREE TRIAL. Below the navigation bar is a secondary menu with links for HOME, WHY IBKR, PRICING, PRODUCTS, TECHNOLOGY, EDUCATION, ABOUT IBKR, and CONTACT US. The main content area features a paragraph explaining that order types and algorithms can help limit risk, speed execution, provide price improvement, allow privacy, time the market, and simplify the trading process. Below this text are two filter sections: 'Filter by Product' with buttons for All, Stocks, Options, Futures, Futures Options, Forex, Bonds, Funds, Warrants, EFPs, Combos, and CFDs; and 'Filter by Category' with buttons for Advanced Trading, Algorithmic Trading, Limit Risk, Price Improvement, Privacy, Speed of Execution, and Time to Market. At the bottom, a table lists various execution algorithms.

Order types and algos may help limit risk, speed execution, provide price improvement, allow privacy, time the market and simplify the trading process through advanced trading functions.

Use the links below to sort order types and algos by product or category, and then select an order type to learn more.

Filter by Product:

All Stocks Options Futures Futures Options Forex Bonds Funds Warrants EFPs Combos CFDs

Filter by Category:

Advanced Trading Algorithmic Trading Limit Risk Price Improvement Privacy Speed of Execution Time to Market

Accumulate/Distribute	Adaptive Algo	All or None	Arrival Price	At Auction
Auction	Balance Impact and Risk	Basket	Block	Box Top
Bracket	Conditional	Close Price	Dark Ice	Discretionary

How trading has changed in the past few years

Algo trading can now recognize a wide variety of events, including:

Fundamental
indicators

Macro and
microeconomic
events

Social sentiment

Technical
indicators

Weather

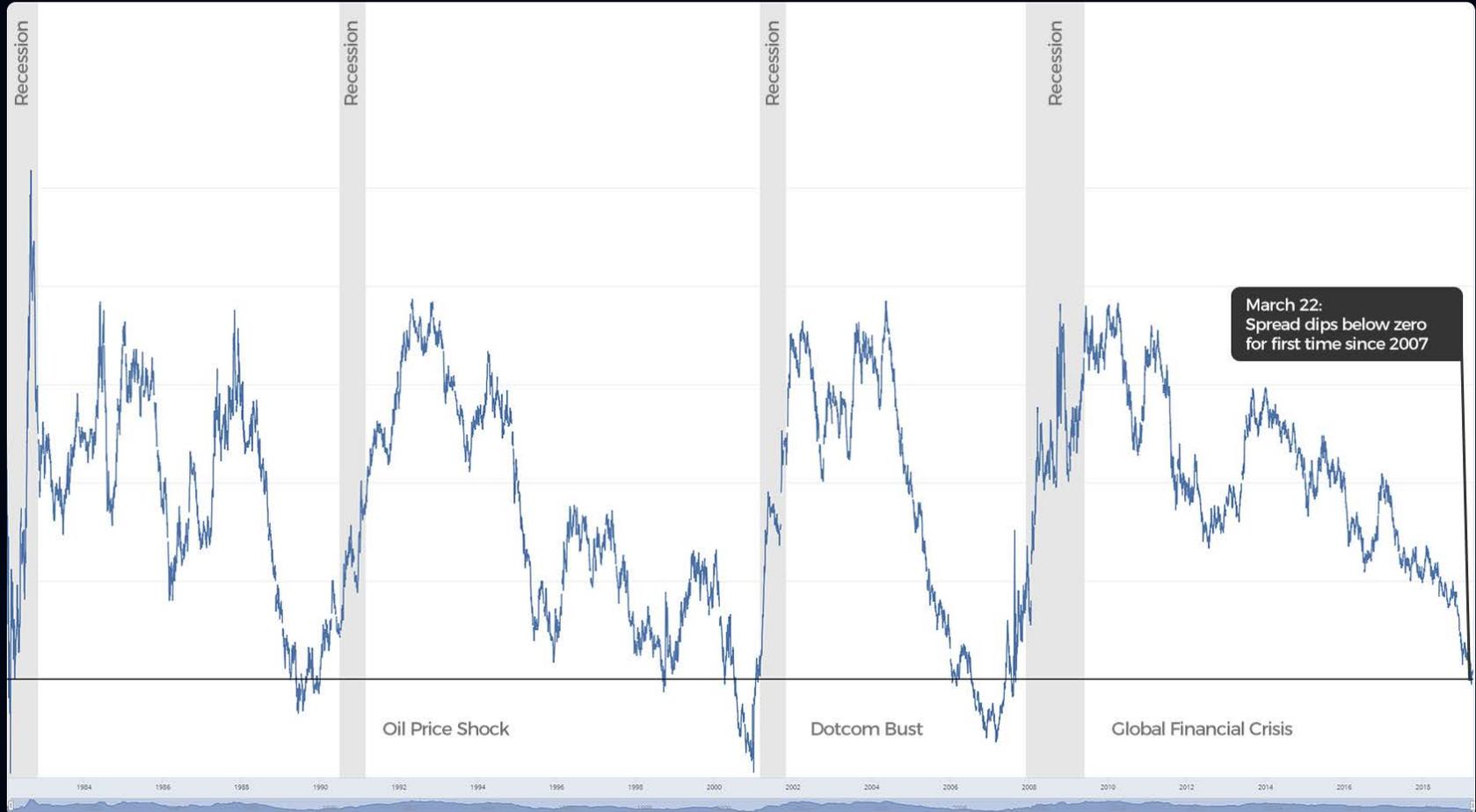
Macroeconomic events

Source: TradingView



Long term to short term yield spread

Source: fred.stlouisfed.org/series/T10Y3M



Yield curve effect

Source: TradingView



Social impact

Source: Twitter



Elon Musk 

@elonmusk

Am considering taking Tesla private at \$420. Funding secured.

7:48 PM - 7 Aug 2018

15,792 Retweets **87,205** Likes



6.2K



16K

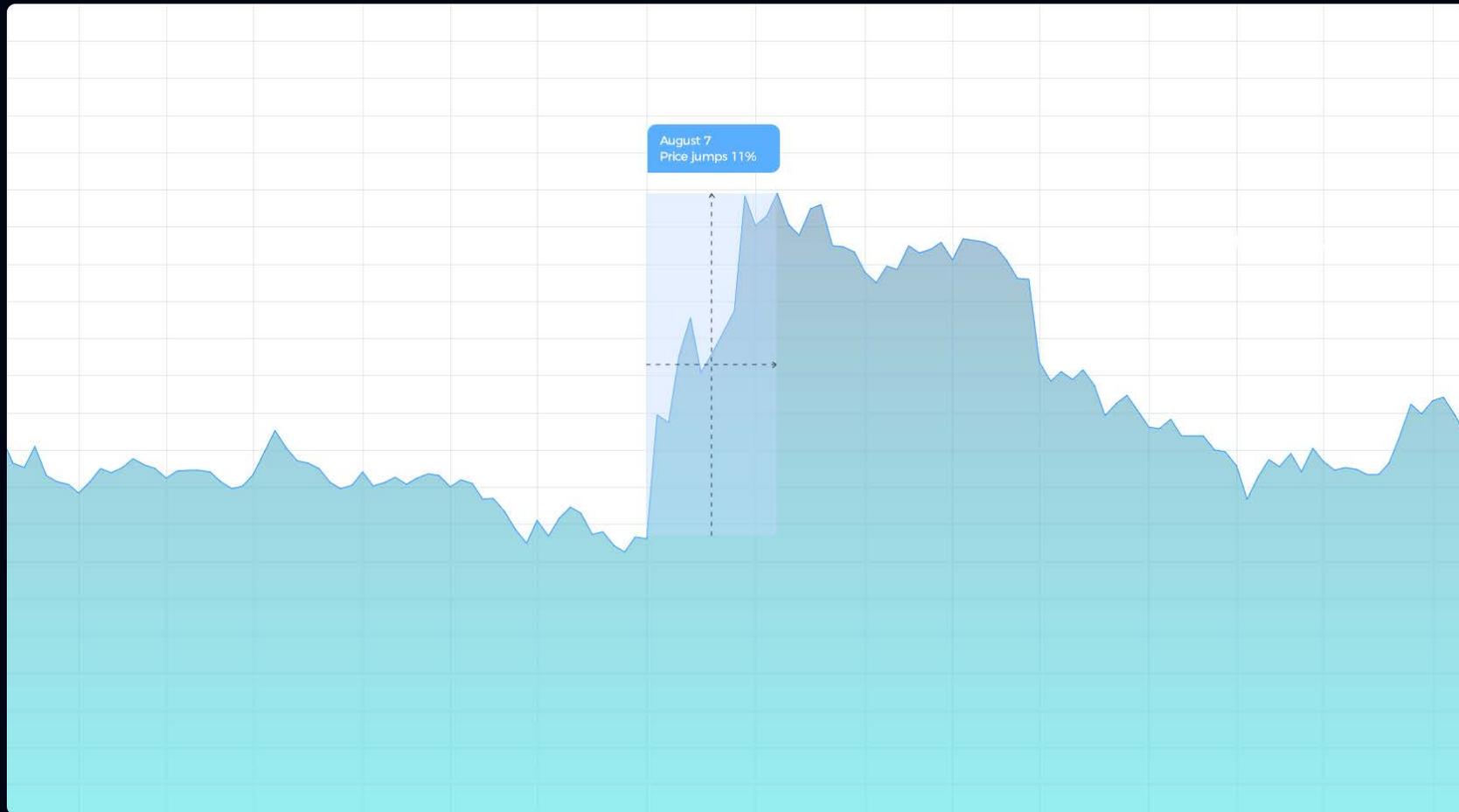


87K



Yield curve effect

Source: TradingView



How trading has changed in the past few years

The advent of cryptocurrencies starting with Bitcoin and leading to the creation of thousands of “altcoins” has changed the nature of value and currencies

Due to the fact that these cryptocurrencies are traded 24/7, it has become inhumanly possible to monitor the market and execute a trading plan manually and faithfully

The advantages of trade automation

Eliminates influence of human bias and emotion

Minimises time spent monitoring market and manually executing trades

Traders reap benefits of reliable, methodical machines following their strategies

Manages risk effectively

capitalise

Plan like a **human**. Trade like a **machine**.



Q&A