

IBKRCampus

**IBKRWebinars**

February 15, 2024

**Toggle AI**

**Stock Selection Via AI**

---

**Giuseppe Sette**

President & Co-founder

Toggle AI

[www.ibkrcampus.com/webinars](http://www.ibkrcampus.com/webinars)

[www.ibkrcampus.eu/webinars](http://www.ibkrcampus.eu/webinars)

Exchange and Industry Sponsored Webinars are presented by unaffiliated third parties. IBKR is not responsible for the content of these presentations. You should review the contents of each presentation and make your own judgment as to whether the content is appropriate for you. IBKR does not provide recommendations or advice. This presentation is not an advertisement or solicitation for new customers. It is intended only as an educational presentation.

## Disclosure:

Options involve risk and are not suitable for all investors. For information on the uses and risks of options, you can obtain a copy of the Options Clearing Corporation risk disclosure document titled Characteristics and Risks of Standardized Options by visiting [ibkr.com/occ](http://ibkr.com/occ). Multiple leg strategies, including spreads, will incur multiple transaction costs.

Futures are not suitable for all investors. The amount you may lose may be greater than your initial investment. Before trading futures, please read the [CFTC Risk Disclosure](#). For a copy visit your local Interactive Brokers Website.

Security futures involve a high degree of risk and are not suitable for all investors. The amount you may lose may be greater than your initial investment. Before trading security futures, please read the [Security Futures Risk Disclosure Statement](#). For a visit copy your local Interactive Brokers Website.

There is a substantial risk of loss in foreign exchange trading. The settlement date of foreign exchange trades can vary due to time zone differences and bank holidays. When trading across foreign exchange markets, this may necessitate borrowing funds to settle foreign exchange trades. The interest rate on borrowed funds must be considered when computing the cost of trades across multiple markets.

The Order types available through Interactive Brokers Trader Workstation are designed to help you limit your loss and/or lock in a profit. Market conditions and other factors may affect execution. In general, orders guarantee a fill or guarantee a price, but not both. In extreme market conditions, an order may either be executed at a different price than anticipated or may not be filled in the marketplace.

IB Global Investments LLC, a subsidiary of Interactive Broker Group Inc., the parent company of Interactive Brokers LLC, is a minority owner of Toggle AI.

There is a substantial risk of loss in trading futures and options. Past performance is not indicative of future results.

Any stock, options or futures symbols displayed are for illustrative purposes only and are not intended to portray recommendations.

IRS Circular 230 Notice: These statements are provided for information purposes only, are not intended to constitute tax advice which may be relied upon to avoid penalties under any federal, state, local or other tax statutes or regulations, and do not resolve any tax issues in your favor.

Interactive Brokers LLC is a member of NYSE FINRA SIPC

Interactive Brokers Canada Inc - Is a member of the Canadian Investment Regulatory Organization (CIRO) and Member - Canadian Investor Protection Fund

Interactive Brokers (U.K.) Limited is authorised and regulated by the Financial Conduct Authority. FCA Register Entry Number 208159

Interactive Brokers Ireland Limited is regulated by the Central Bank of Ireland. CBI, reference number C423427

Interactive Brokers Australia Pty. Ltd. - ABN 98 166 929 568 is licensed and regulated by the Australian Securities and Investments Commission AFSL: 453554

Interactive Brokers Singapore Pte. Ltd. - Is licensed and regulated by the Monetary Authority of Singapore. MAS, Licence No. CMS100917

Interactive Brokers Hong Kong Limited is regulated by the Hong Kong Securities and Futures Commission, and is a member of the SEHK and the HKFE

Interactive Brokers India Pvt. Ltd. member: NSE, BSE, SEBI. Regn. No. SEBI Registration No. INZ000217730; NSDL: IN-DP-NSDL-301-2008

Interactive Brokers Central Europe Zrt. is licensed and regulated by the Central Bank of Hungary (Magyar Nemzeti Bank) under no. H-EN-III-623/2020

As with all investments, your capital is at risk

Thursday Feb 15<sup>th</sup>,  
2024

# TOGGLE AI

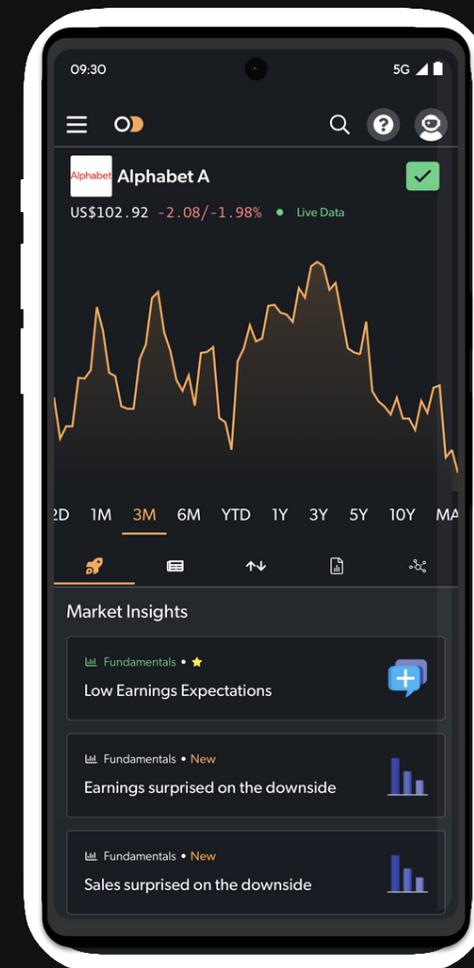
CONFIDENTIAL

# TOGGLE

TURN ON INSIGHTS. TURN OFF NOISE

Any stock, options or futures symbols displayed are for illustrative purposes only and are not intended to portray recommendations. Past performance is not necessarily indicative of future results.

FINALIST



**WINNER**

**MOST PROMISING NEW ENTRANT**



# Stock Selection via AI



Today we'll showcase a methodology to utilize AI to identify new stock opportunities

1. Today
2. Tomorrow

# Stock Selection via AI - Today



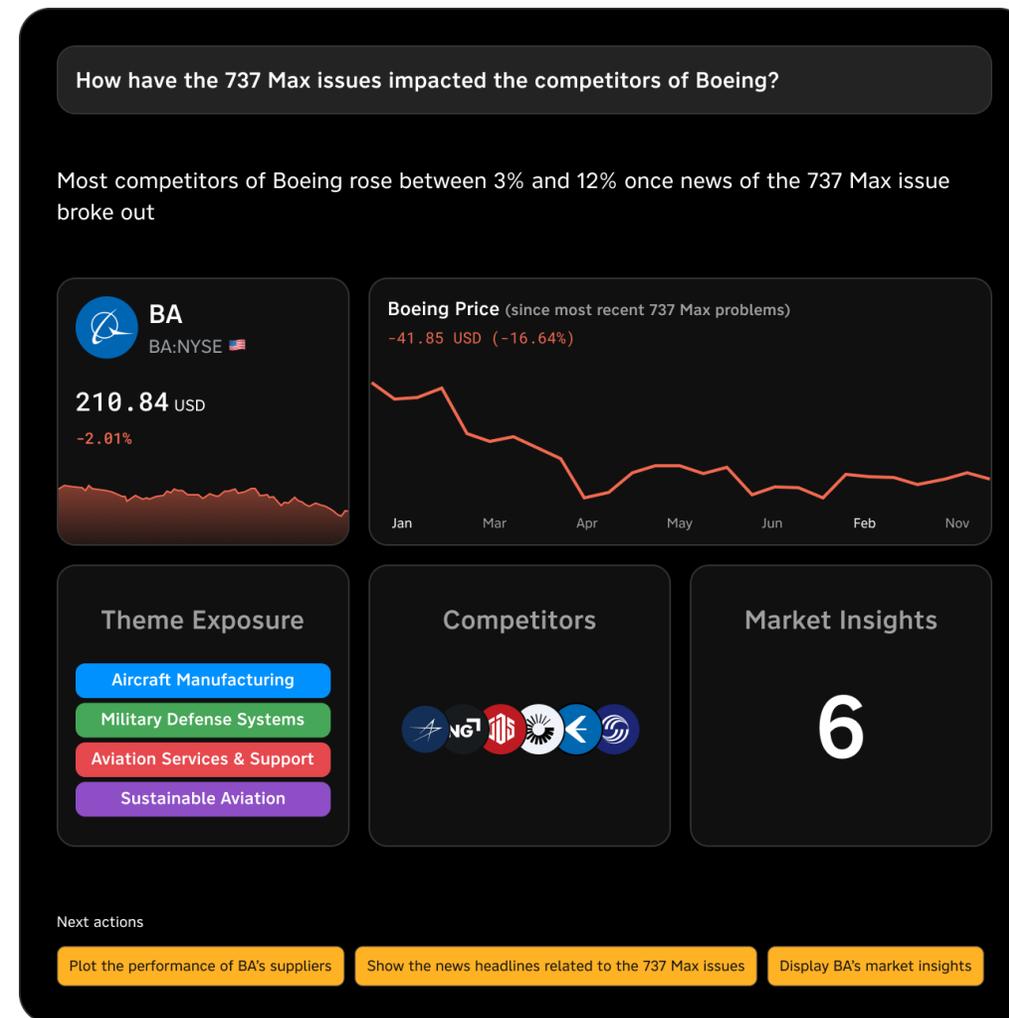
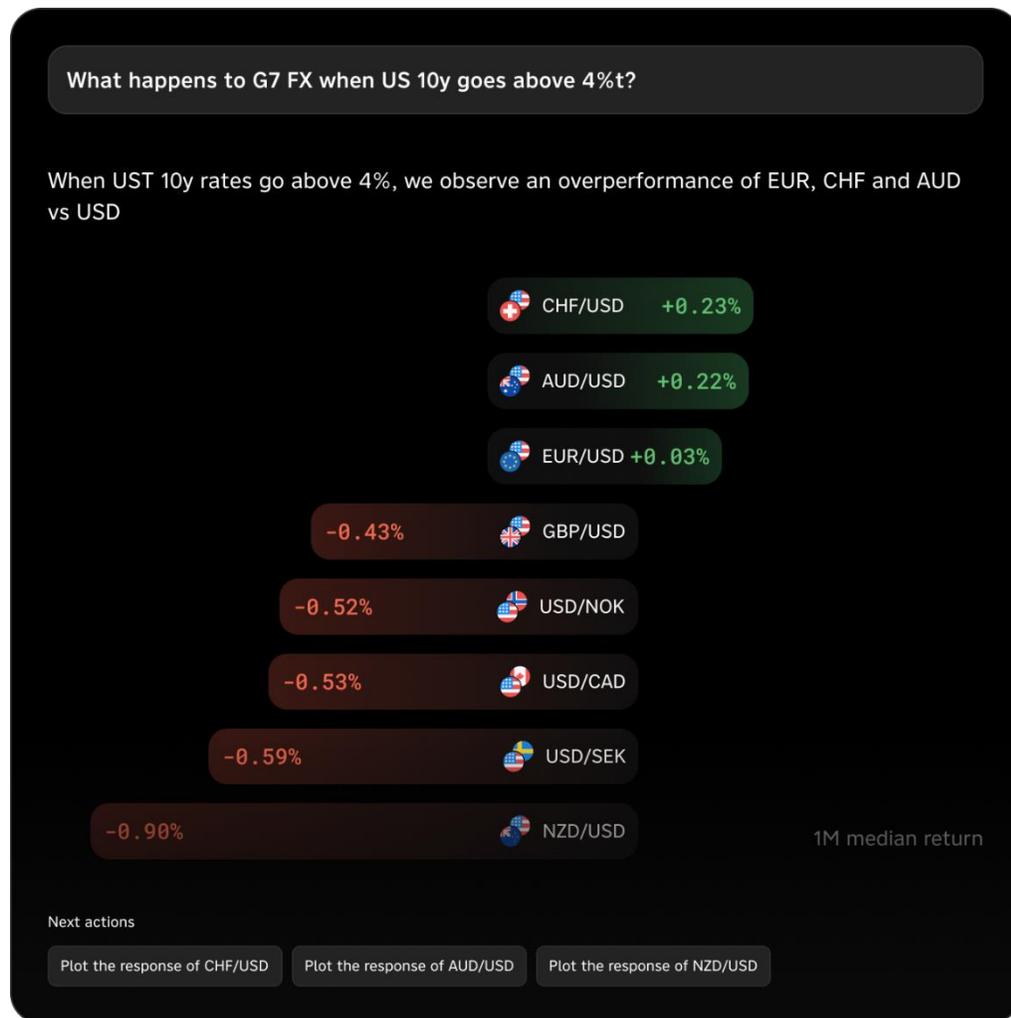
The screenshot displays the TOGGLE stock selection interface. At the top, there is a navigation bar with 'Search', 'My Toggle', 'Portfolio', 'Explore', 'ToggleChat', and 'Chart'. The main area is divided into several sections:

- Filters:** Includes 'Clear All' and radio buttons for '10-20%' and '20%+'.
- Asset Class:** A list of asset classes with 'Equities' selected.
- Instruments:** A list of instrument types with 'Stocks' selected.
- Geography:** A list of countries with 'US' selected.
- Search Results:** Shows 'cheap large cap' with filters for 'Equities', 'Cheap Valuation', 'Large Cap', and 'US'. It indicates '1 change made' and provides 'Revert' and 'Save' options.
- Insights:** A section titled '43 Insights have met your criteria in the last two weeks.' It features two main insights:
  - HOLX:NASD - Hologic's Trailing P/E reached a recent high of 18.60, in the past this led to a decrease in price.** Includes a 6-month price chart for Hologic.
  - OMC:NYSE - Omnicom's RoA 12m Forward reached a recent low of 6.18, in the past this led to an increase in price.** Includes a 2-week price chart for Omnicom.
- Today on TOGGLE:** A summary section with three key metrics:
  - 2,871,490 Investing variables analyzed (P/E, EPS, Price levels, ...)
  - 2,298,184 Interesting data milestones found (High level, Sharp drop, ...)
  - 551 New TOGGLE Insights today (Value, Momentum, Growth, ...)

## Source: Toggle

Any stock, options or futures symbols displayed are for illustrative purposes only and are not intended to portray recommendations, or an invitation or inducement to trade a particular financial instrument or to engage in an investment activity. Past performance is not indicative of future results.

# Stock Selection via AI – Tomorrow, leveraging Knowledge Graph connection



Source: Toggle

Any stock, options or futures symbols displayed are for illustrative purposes only and are not intended to portray recommendations, or an invitation or inducement to trade a particular financial instrument or to engage in an investment activity. Past performance is not indicative of future results.

# How we're building a Knowledge Graph



## J.P.Morgan

### The J.P. Morgan View

The global and the local view

- **Asset allocation** — Top-down and bottom-up views of economies and markets frequently giving different perspectives. Investors should need both, but ought to shift weight towards the ones with better momentum. This keeps us long EM assets at the moment.
- **Economics** — Euro area growth raised by 0.5%. Reduced odds of US fiscal action does not impact our forecasts much as we did not assume much.
- **Fixed Income** — Bearish on duration in US and Europe into Q2 on an improving economic outlook and fading downside risks, but keep cheap hedges.
- **Equities** — Add long in Euro area equities; open OW in Euro area banks vs. US banks.
- **Credit** — Stay long US HY.
- **Foreign exchange** — We add to our long European FX vs the dollar on reduced populism risk.
- **Commodities** — The constrained supply story in copper begins to unwind, take profit on gold and silver.

#### Global Asset Allocation

25 March 2017



#### Global Asset Allocation

**Jan Loeyes** <sup>AC</sup>

(1-212) 834-5874

jan.loeyes@jpmorgan.com

**Lixin Bao**

(1-212) 834-4565

lixin.bao@jpmorgan.com

J.P. Morgan Securities LLC

**John Normand**

(44-20) 7134-1816

john.normand@jpmorgan.com

**Nikolaos Panigirtzoglou**

(44-20) 7134-7815

nikolaos.panigirtzoglou@jpmorgan.com

**Mika Inkinen**

(44-20) 7742 6565

mika.j.inkinen@jpmorgan.com

**Gregory C. Shearer**

(1-212) 834-2039

# Questions you can ask



Who are the key suppliers / customers of AAPL?

Which among these are sensitive to rising commodity costs?

Which among these have sold off the most in the last year?

Is there any stock with P/E below 15 among them?

# A guide to idea discovery and basket construction



Idea  
Discovery

Basket  
Construction

# Thank you

Giuseppe Sette  
giuseppe@toggle.ai

**TOGGLE**

TURN ON INSIGHTS. TURN OFF NOISE

# Disclaimer

## Note that past performance is not indicative of future performance

TOGGLE email briefings, newsletters, alerts, insights, and similar publications "Publications" do not reflect any opinions of TOGGLE or its affiliates. Publications are meant for informational purposes only, are not intended to serve as a recommendation to buy or sell any security in a brokerage account or any platform and are not an offer or sale of a security nor an endorsement or advertisement of the same. While TOGGLE seeks to ensure the accuracy of the information it presents, it has no obligation and shall not be liable for errors in any data, information, or Publications accessible through TOGGLE products or services. All investments involve risk, and the past performance of a security or financial product does not guarantee future results or returns. TOGGLE is not a broker-dealer nor an investment adviser, and makes no representations or warranties, express or implied, and disclaims any and all warranties with respect to any information accessible via any TOGGLE Publications or TOGGLE data.