

IBKRWEBINARS.COM



June 14, 2023

# Toggle AI

## Can Generative AI Beat the Market?

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Toggle AI

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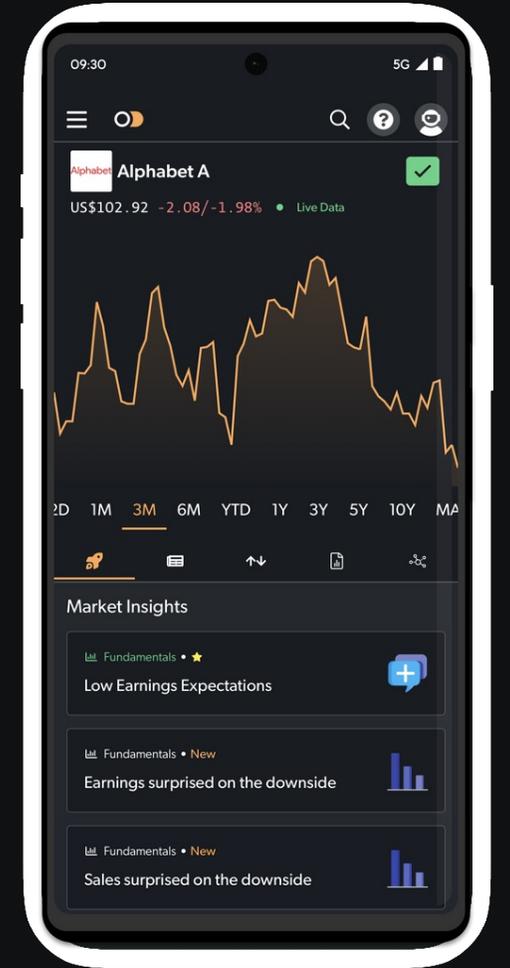
June 14<sup>th</sup>, 2023

# TOGGLE AI

## Can Generative AI beat the market?

CONFIDENTIAL

FINALIST



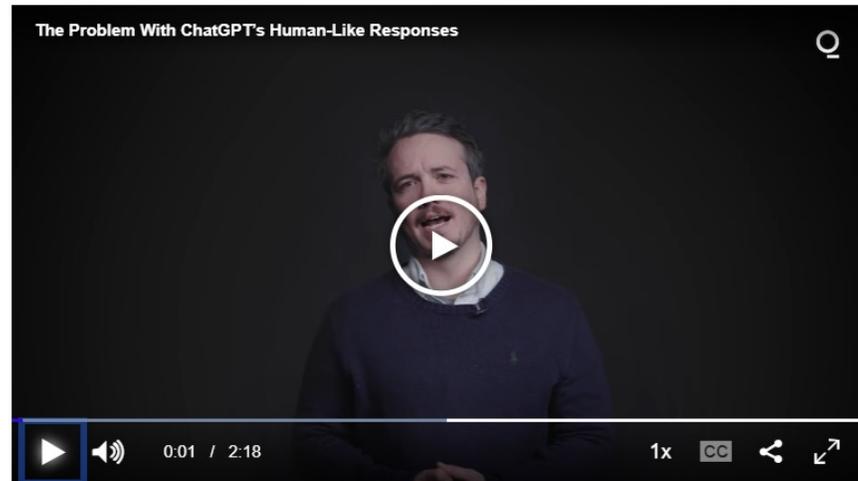
**TOGGLE**

TURN ON INSIGHTS. TURN OFF NOISE



## We Asked ChatGPT to Make a Market-Beating ETF. Here's What Happened

- 'Unpredictable' stocks make design of fund impossible, AI says
- Machine-powered AIEQ has returned double S&P 500 this year



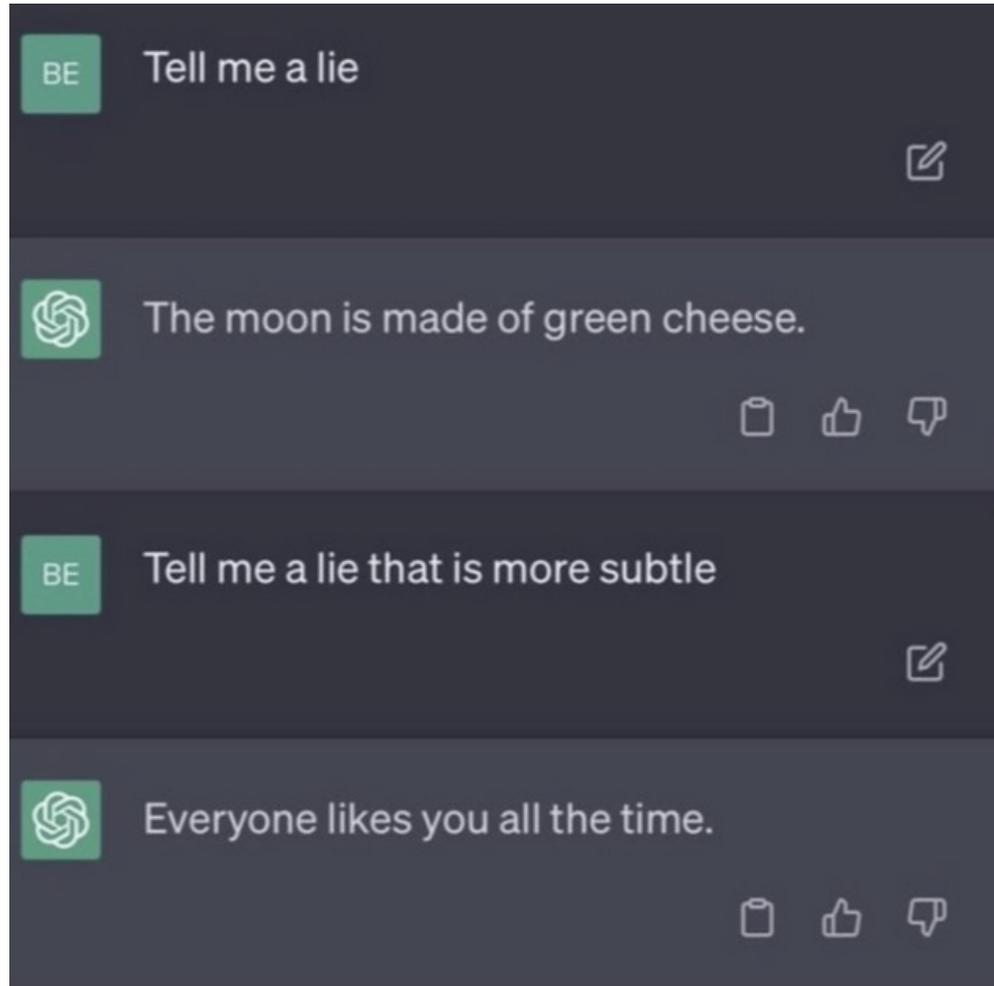
The Problem With ChatGPT's Human-Like Responses

By [Sam Potter](#) and [Katherine Greifeld](#)

January 26, 2023 at 1:00 PM GMT

What happens when you ask the hottest AI tool in the world to design an ETF that can beat the US equity market? It tells you the same thing every frustrated stock manager does.

# What GPT is good at: verbal reasoning



# What GPT is NOT good at: math



The screenshot shows a chat interface with a dark background. It contains four messages in an alternating sequence: a user message (marked with 'np'), a GPT response (marked with the GPT logo), another user message (marked with 'np'), and a final GPT response (marked with the GPT logo). The GPT responses include a list of four items and two paragraphs of explanatory text.

**np** What is  $\sqrt{9 \cdot 5} + 2$

The square root of  $9 \cdot 5 + 2$  is 7.

**np** What is the order of operations, in list format, for the above answer

The order of operations for the expression " $\sqrt{9 \cdot 5} + 2$ " is as follows:

1. Parentheses
2. Exponents and radicals
3. Multiplication and division (from left to right)
4. Addition and subtraction (from left to right)

Therefore, the square root of  $9 \cdot 5$  is taken first, followed by the addition of 2. This gives us an answer of 7.

It is important to remember the order of operations because without it, the expression could be interpreted in different ways and yield a different result. For example, if the expression were written as " $\sqrt{9} \cdot 5 + 2$ ", the square root of 9 would be taken first, followed by multiplication by 5 and then addition of 2, which would give a result of 27.

# Teaching GPT how to invest



Enjoy your Preview Pass for the next **27:28** minutes

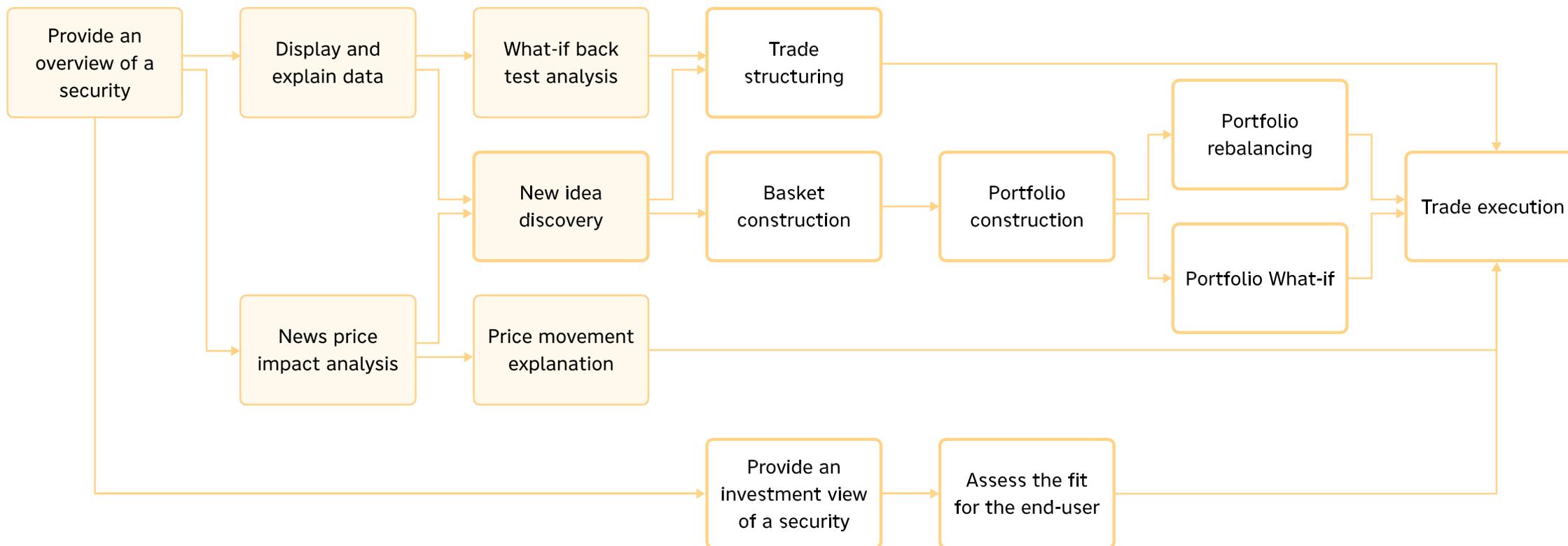
**FOX BUSINESS**  
6:24A MT

**JAN SZILAGYI | TOGGLE CO-FOUNDER & CEO**  
**TOGGLE WORKING ON CHATGPT FOR INVESTING**

**FTSE** 7,875.68 ▼ 54.24 -0.68% **CAC** 7,294.51 ▼ 30.25 -0.41%  
**GLOBAL INDEXES**

**DOW FUTURES**  
32,774.00  
▼ 39.00  
**-0.12%**

# The skill-tree of a trader



# Demo time!



**TOGGLE PRO** Search Ctrl + K My Toggle Portfolio Explore ?

### SPDR S&P 500 ETF Trust

\$429.13 +2.58/+0.60% • Last Close  
• Bullish TLI • Bearish TLI

TOGGLE Leading Indicator

— TLI — Bullish Threshold — Bearish Threshold

TOGGLE Leading Indicator is the aggregate of all TOGGLE insights on 5,000 US stocks. [Learn more](#)

### My Securities

+ All (22) Portfolio (2) Watchlist (22)

ALL ASSETS

Asset	Price	Change	Source	Insights
<b>AAPL</b> Apple	\$180.57	+2.75/+1.55%	Last Close	News Insight +8
<b>BTCUSD</b> Bitcoin	\$26,592.95	+82.95/+0.31%	Live Data	Fundamentals
<b>CI</b> Cigna	\$264.51	+2.72/+1.04%	Last Close	
<b>EURGBP</b> EURGBP	£0.8589	-0.0014/-0.16%	Last Close	Macro
<b>EURUSD</b> EURUSD	\$1.0783	+0.0084/+0.79%	Last Close	Macro
<b>EXPN</b> Experian	GBX2,916.00		Last Close	
<b>EZU</b> EZU ETF	\$44.49	+0.55/+1.25%	Last Close	
<b>META</b> META	\$264.58	+0.98/+0.37%	Last Close	News Insight
<b>GBPUSD</b> GBPUSD	\$1.2539	-0.0016/-0.13%	Live Data	Technicals
<b>GC</b> Gold	\$1,969.90		Last Close	Technicals
<b>GRWG</b> GROWGENERATION	\$3.8300	-0.21/-5.20%	Last Close	Technicals
<b>KO</b> Coca Cola	\$60.37	+0.15/+0.25%	Last Close	Technicals
<b>NOBL</b> NOBL ETF	\$91.76	+0.14/+0.15%	Last Close	
<b>Rogers Int. Com...</b> Rogers Int. Comm. Index	\$3,533.07		Last Close	
<b>SMX</b> UK FTSE Small	£6,261.93		Last Close	Macro
<b>FRA_G10Y</b>	2.9770 %		Last Close	

What's currently moving the asset?

Why not add more names to your watchlist? The more the merrier. [+ Add More Assets](#)

# Thank you

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TURN ON INSIGHTS. TURN OFF NOISE

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