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Toggle AI

Leveraging AI for Earnings

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As with all investments, your capital is at risk

Wed July 24th, 2024

TOGGLE AI

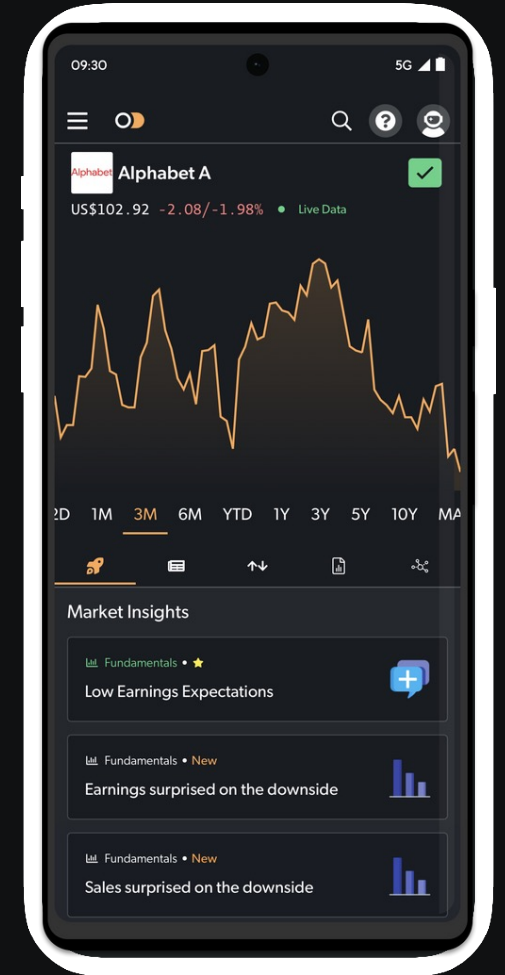
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TOGGLE

TURN ON INSIGHTS. TURN OFF NOISE

FINALIST



WINNER

MOST PROMISING NEW ENTRANT

WealthBriefing SWISS AWARDS 2023

BENZINGA GLOBAL FINTECH AWARDS WINNER 2021

BENZINGA GLOBAL FINTECH AWARDS FINALIST 2022

TOKYO FINANCIAL AWARD 東京金融賞

Leveraging AI for EPS




Today we'll discuss an interesting use of AI – leveraging AI for EPS before the release date

Leveraging AI for EPS – the intuition



There is much we can learn about a company's upcoming earnings by the earnings released by its suppliers and customers





Dashboard / TSLA:NASD

 **Tesla**
TSLA:NASD ✓ Watching

248.50 USD -8.06 -3.14% **252.70** USD +4.20 +1.69%
As of last close Pre-Market Live Price





Overview Financials Chart **Knowledge Graph** Documents Earnings

Competitors

 TM:NYSE Toyota Motor...	Toyota, with its upcoming electric vehicles and existing hybrid technology, competes with Tesla, especially in markets where Tesla is aiming for more affordable options.
 GM:NYSE General Motors	General Motors competes with Tesla in the electric vehicle segment, particularly with its Chevrolet Bolt and electric Hummer models.
 F:NYSE Ford	Ford Motor Company competes directly with Tesla in the electric vehicle market with its Mustang Mach-E and upcoming electric F-150 Lightning.
 RIVN:NASD Rivian Autom...	Rivian targets the electric truck and SUV market segments, directly competing with Tesla's Cybertruck and Model X.





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Business Relationships

 TSM:NYSE Taiwan Semic...	TSMC is rumored to be a supplier for Tesla's custom-designed hardware for autonomous driving, although direct evidence might be speculative.
 PANW:NYSE Palo Alto Ne...	Panasonic is a key supplier of lithium-ion batteries for Tesla's electric vehicles.
 ALB:NYSE Albemarle	Albemarle supplies Tesla with lithium compounds for battery production.
 BIDU:NASD Baidu	Baidu's Apollo autonomous driving platform might collaborate with Tesla on autonomous driving technologies, but direct supplier relationships could be speculative.

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Country Exposure

 United States Of America	Tesla's headquarters are in California, and it has significant manufacturing operations such as the Gigafactory in Nevada.
 China	Tesla operates a Gigafactory in Shanghai, which is a major hub for its vehicle production and sales.
 Germany	Tesla acquired Grohmann Engineering in Germany and is building a Gigafactory in Berlin, highlighting its strategic investment in the country.
 Netherlands	Tesla has its European headquarters in the Netherlands and operates a final assembly plant in Tilburg.

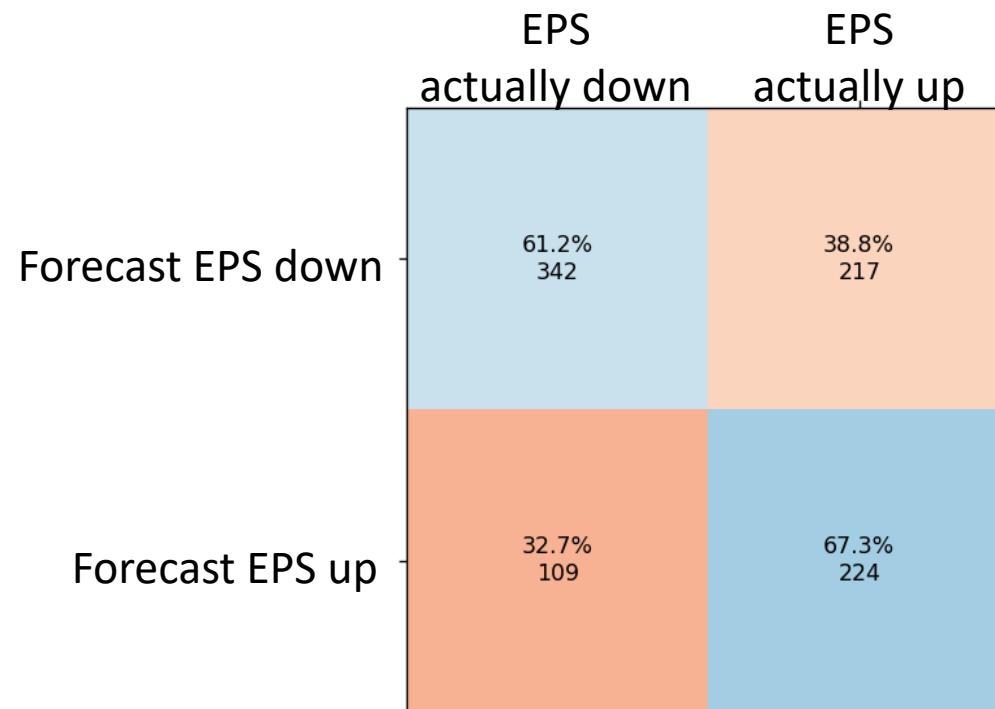
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Leveraging AI for EPS – the direction



We are able to make statements on whether next quarter's Sales/EBIT/EPS will be higher or lower than the preceding quarter. Our accuracy ranges from **60% to 70%**

TSLA EPS forecast for 2022-2024 period



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Leveraging AI for EPS – the \$ change

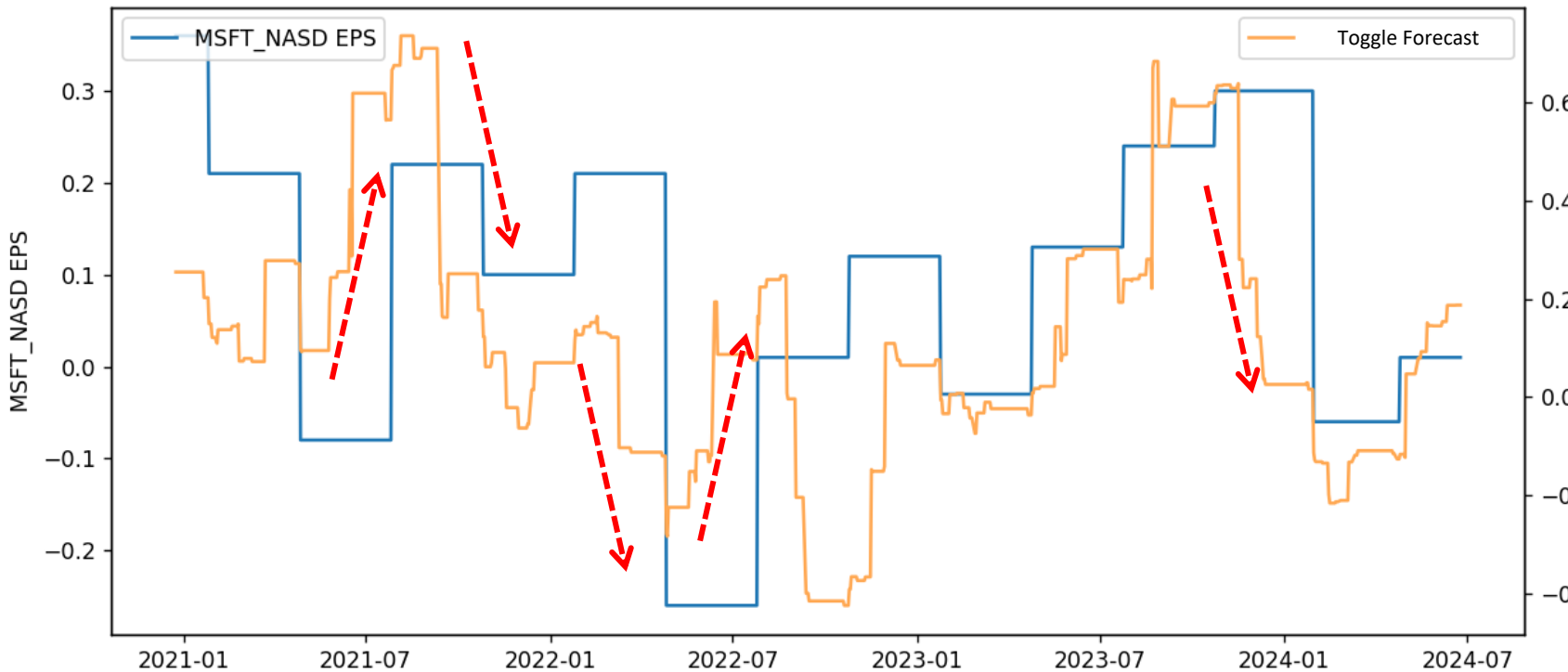
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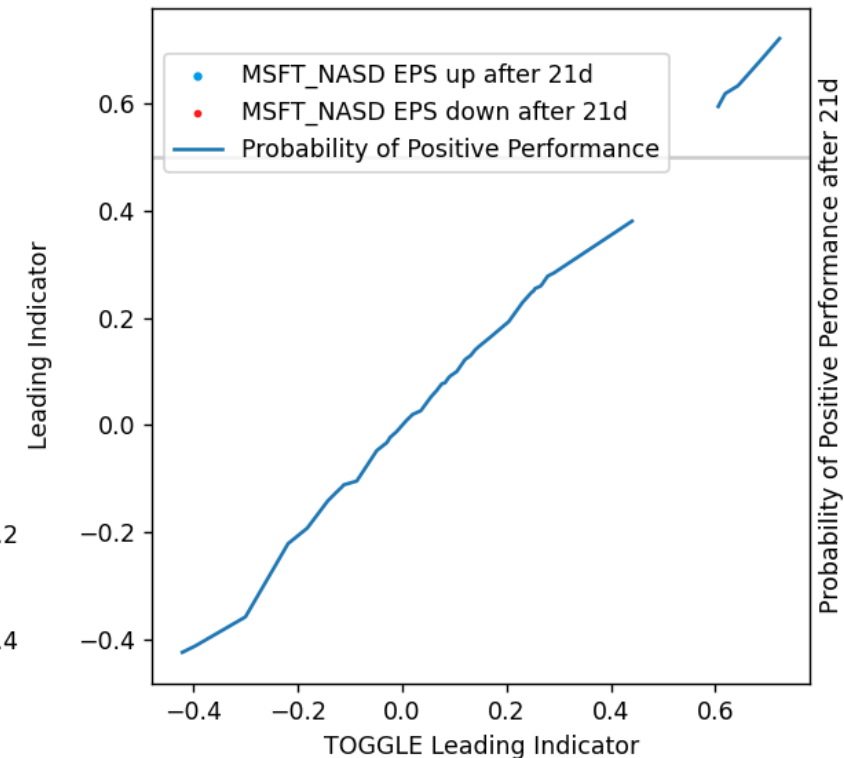
We are able to make statements on the change in Sales/EBIT/EPS but this is a harder problem. Yet as the picture shows below, we can catch moves ahead of when they happen

MSFT EPS forecast for 2022-2024 period

MSFT change in EPS (normalized) vs Toggle Forecast



Probability of Positive Performance after 21d




Leveraging AI for EPS – in practice



The new Toggle Terminal will include our EPS forecasts for every stock in the Security Overview

Dashboard / TSLA:NASD

 **Tesla**
TSLA:NASD ✓ Watching

248.50 USD -8.06 -3.14% **252.70** USD +4.20 +1.69%
As of last close Pre-Market Live Price

Overview **Financials** Chart Knowledge Graph Documents Earnings

Income Statement Balance Sheet Cash Flow Annual Quarterly

Data from Refinitiv & Intrinio, \$ USD	2022 Sep 2022	2022 Dec 2022	2023 Mar 2023	2023 Jun 2023	2023 Sep 2023	2023 Dec 2023	2024 Mar 2024	2024E Jun 2024	2024E Sep 2024	TTM	NTM
Total revenue	21.45B	24.32B	23.33B	24.93B	23.35B	25.17B	21.30B	24.72B	25.64B	97.80B	107.35B
Cost of goods sold	16.07B	18.54B	18.82B	20.39B	19.17B	20.73B	17.61B	20.34B	21.07B	80.24B	87.71B
Gross profit	5.38B	5.78B	4.51B	4.53B	4.18B	4.44B	3.70B	4.38B	4.57B	17.56B	19.64B
Total operating expenses	1.69B	1.88B	1.85B	2.13B	2.41B	2.37B	2.52B	2.45B	2.30B	8.18B	9.95B
Selling, General & Admin Expense	961.00M	1.03B	1.00B	1.19B	1.25B	1.28B	1.37B				
Research & Development Expense	733.00M	810.00M	771.00M	943.00M	1.16B	1.09B	1.15B				
Total operating income	3.69B	3.90B	2.66B	2.40B	1.76B	2.06B	1.17B	1.93B	2.27B	9.38B	9.69B
Total other income	-52.00M	82.00M	136.00M	538.00M	281.00M	127.00M	382.00M	820.74M	488.25M	1.55B	2.00B
Income before taxes	3.64B	3.98B	2.80B	2.94B	2.04B	2.19B	1.55B	2.75B	2.75B	10.93B	11.70B
Income tax expense	305.00M	276.00M	261.00M	323.00M	167.00M	-5.75B	409.00M	504.64M	316.50M	1.01B	1.31B
Net income	3.33B	3.71B	2.54B	2.61B	1.88B	7.94B	1.14B	2.24B	2.44B	9.92B	10.38B
Basic EPS	1.05	1.18	0.80	0.85	0.58	2.50	0.37	0.62	0.66	2.85	2.96
Cash Dividends to Common per Share		0.01				0.01		0.00	0.00	0.00	0.00

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Thank you

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TOGGLE

TURN ON INSIGHTS. TURN OFF NOISE

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