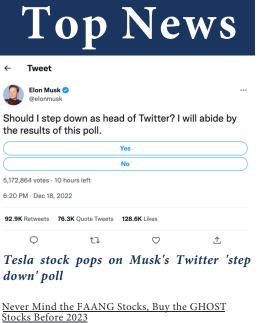
The Quantum Echo

INVESTING NEWS YOU CAN USE - WEEKLY

MARKET SUMMARY





When To Back Up The Truck On Apple Stock In 2023

Mortgage Buydowns Are Making a Comeback

AT&T: Storm Approaching, Take Shelter Now

TRENDING:

\$TSLA \$PLTR \$AMC \$SPY \$GME

EARNINGS FOR THE WEEK

\$NKE \$FDX \$GIS \$CCL \$MU \$RAD \$FCEL \$KMX \$FDS \$TTC \$BB \$PAYX \$CTAS \$HEI \$SCS \$AIR \$EMBC \$APOG \$CAMP \$CGNT \$CVGW \$QIPT \$EPAC \$BLIN \$EMKR \$WOR \$AVO \$ISPO \$LMNR \$MLKN \$JOB \$VVOS \$KNW



Important Dates

TIME (ET)	REPORT	PERIOD A	CTUAL MEDIAN FORECAST	PREVIOUS
MONDAY, DEC. 19				
10 am	NAHB home builders' index	Dec.	34	33
TUESDAY, DEC. 20				
8:30 am	Building permits (SAAR)	Nov.	1.49 million	1.51 million
8:30 am	Housing starts (SAAR)	Nov.	1.40 million	1.43 million
WEDNESDAY, DEC. 21				
8:30 am	Current account deficit	Q3	-\$224 billion	-\$251 billion
10 am	Consumer confidence index	Dec.	101.0	100.2
10 am	Existing home sales (SAAR)	Nov.	4.16 million	4.43 million
THURSDAY, DEC. 22				
8:30 am	Initial jobless claims	Dec. 17	223,000	211,000
8:30 am	Continuing jobless claims	Dec. 10	See.	1.67 million
8:30 am	Real gross domestic product revision (SAAR)	Q3	2.9%	2.9%
8:30 am	Real gross domestic income revision (SAAR)	Q3	**	0.3%
8:30 am	Real final sales to domestic purchasers (SAAR)	Q3	398	0.9%
8:30 am	Chicago Fed national activity index	Nov.	(46)	-0.05
10 am	Index of leading economic indicators	Nov.	-0.5%	-0.8%
FRIDAY, DEC. 23				
8:30 am	PCE price index	Nov.		0.3%
8:30 am	Core PCE price index	Nov.	0.2%	0.2%
8:30 am	PCE price index (year-on-year)	Nov.	**	6.0%
8:30 am	Core PCE price index (year-on-year)	Nov.	4.7%	5.0%
8:30 am	Real disposable income (SAAR)	Nov.	(MM)	4.6%
8:30 am	Real consumer spending (SAAR)	Nov.	V255	6.2%
8:30 am	Durable goods orders	Nov.	-1.0%	1.1%
8:30 am	Core capital equipment orders	Nov.		0.6%
10 am	UMich consumer sentiment index (late)	Dec.	59.1	59.1
10 am	UMich 5-year inflation expectations (late)	Dec.		3.0%
10 am	New home sales (SAAR)	Nov.	600,000	632,000

READ MORE

Seeking Alpha Buy List

Top Technology Stocks

Rank	Symbol	Company Name	Quant *	SA Authors	Wall St.	Market Cap	Div Yield	Valuation	Growth	Profitability	Momentum	EPS Rev.
1	SMCI	Super Micro C	4.98	3.66	3.75	4.97B	121	A	A	В	A+	A+
2	BELFB	Bel Fuse Inc.	4.98	3.00	4.50	467.19M	0.74%	В	B+	В-	A+]	A-
3	AEHR	Aehr Test Syst	4.98	4.00	5.00	736.60M	21	D	A	8+	A+	A-
4	RELL	Richardson El	4.97	4.25		369.07M	0.90%	С	A+	В-	A+]	A-
5	CLFD	Clearfield, Inc.	4.96	3.50	4.25	1.81B	21	D+	A-	В	A+	A-
6	SANM	Sanmina Corp	4.95	-	4.00	3.82B	21	A	C-	В-	A+	A-
7	BELFA	Bel Fuse Inc.	4.94	3.00	5.00	467.19M	0.70%	В-	A-	B-	A+]	A
8	HLIT	Harmonic Inc.	4.93	4.00	4.16	1.57B	21	C-	A+	C+	A+	A+
9	IMMR	Immersion Cor	4.93	3.00	5.00	233.27M	21	A	A-	A+)	A+)	A-
10	PMTS	CPI Card Grou	4.91	-	5.00	281.22M	21	A-	В	В-	A+	A

OPTIONS GAME

Unusual Stock Options Volume

Symbol	Price Type	Strike	Exp Date	DTE	Bid	Midpoint	Ask	Last	Volume	Open Int	Vol/OI▼	IV	Delta	Last Trade Details	Links
+ NFLX	320.01 Put	325.00	12/09/22	0	4.60	5.03	5.45	4.95	29,792	120	248.27	31.37%	-0.82616	12/09/22 Details	ı
+ PLTK	8.61 Call	10.00	02/17/23	70	0.30	0.35	0.40	0.35	15,131	113	133.90	52.81%	0.30834	12/09/22 Details	1
+ PLTK	8.61 Call	12.50	02/17/23	70	0.05	0.10	0.15	0.10	15,079	113	133.44	59.87%	0.10320	12/09/22 Details	:
+ NFLX	320.01 Put	322.50	12/09/22	0	2.14	2.65	3.15	2.60	27,639	219	126.21	12.87%	-0.87690	12/09/22 Details	1
+ BILL	111.85 Put	115.00	02/17/23	70	17.50	17.70	17.90	17.40	7,759	101	76.82	83.73%	-0.45177	12/09/22 Details	:
+ LI	21.12 Call	28.00	06/16/23	188	2.52	2.57	2.61	2.67	5,014	121	41.44	74.48%	0.41491	12/09/22 Details	1
+ DOCU	49.16 Put	50.00	12/09/22	0	0.63	0.88	1.12	0.93	6,463	193	33.49	36.18%	-0.81320	12/09/22 Details	:
+ CRDO	14.86 Call	15.00	02/17/23	70	1.30	1.50	1.70	1.50	3,802	115	33.06	58.50%	0.54758	12/09/22 Details	:
+ RUN	28.65 Put	29.00	12/09/22	0	0.27	0.39	0.50	0.30	3,890	118	32.97	49.25%	-0.67688	12/09/22 Details	i

Notable Plays By Randy Yancy The Options King

Here are some covered call options you can look into for Monday 12/12/22. Note pay attention to expiration date also you need to own 100 shares of a company. Also the premium could change due to premarket movement. The price in () is cost of the 100 shares. If search YouTube "How to sell covered call options on what platform you use" Then you can see how set up on your platform. Disclaimers this is not financial advice; invest at your own risk. #sellingcoveredcalloptions

Covered Call Options:

GH (\$4641.00 total cost for 100 shares) 1/20/23 55 strike selling covered call= \$680 premium= (money you receive and keep no matter what happened).

COIN (\$4024) 1/20/23 50 strike selling covered call= \$235 premium.

BILI (\$2541) 1/20/23 30 strike selling covered call= \$260 premium.

GME (\$2263) 1/20/23 27.5 strike selling covered call= \$154 premium.

SI (\$2143) 1/20/23 25 strike selling covered call= \$280 premium.

TGTX (\$752) 1/20/23 8 strike selling covered call= \$250 premium.

VTNR (\$602) 1/20/23 7.5 strike selling covered call= \$25 premium.

AMC (\$594) 1/20/23 7 strike selling covered call= \$66 premium.

WEEKLY OPTIONS

(Strike price at 30 delta or less meaning you as seller have 70% probability of keep your shares).

SAVA (\$3873) 12/16/22 45 strike selling covered call= \$71 premium. GH (\$4641) 12/16/22 61 strike selling covered call= \$230 premium. NET (\$4842) 12/16/22 53 strike selling covered call= \$97 premium. SHOP (\$3838) 12/16/22 41.5 strike selling covered call= \$70 premium.

Cash Secured Put Options:

(You can do cash secured put options on any these plays you just pick strike price below current stock price at premium you like. Only do this with stock you don't mind owning.)

GH (\$4000 as collateral) 1/20/23 40 strike selling cash secured put= \$630 premium.

COIN (\$3500) 1/30/23 35 strike selling cash secured put= \$310 premium. BILI (\$2250) 1/20/23 22.5 strike selling cash secured put= \$248 premium. SI (\$1750) 1/20/23 17.5 strike selling cash secured put= \$270 premium. TGTX (\$700) 1/20/23 7 strike selling cash secured put= \$210 premium.

Budget Section

EXPR (\$124) 1/20/23 1.5 strike selling covered call= \$8 premium. GOEV (\$128) 1/20/23 1.5 strike selling covered call= \$12 premium. ARDX (\$178) 1/20/23 2 strike selling covered call= \$30 premium. DNMR (\$203) 1/20/23 2.5 strike selling covered call= \$10 premium. BNGO (\$212) 1/20/23 2.5 strike selling covered call= \$23 premium. CLSK (\$213) 1/20/23 2.5 strike selling covered call= \$30 premium. ACER (\$213) 1/20/23 2.5 strike selling covered call= \$25 premium. TOUR (\$214) 1/20/23 2.5 strike selling covered call= \$25 premium. RENT (\$258) 1/20/23 3.5 strike selling covered call= \$30 premium. CGC (\$287) 1/20/23 3.5 strike selling covered call= \$28 premium. IQ (\$367) 1/20/23 4.5 strike selling covered call= \$23 premium. MARA (\$500) 1/20/23 6 strike selling covered call= \$47 premium.



Simplest Form of Options Trading



What are Stock Options



Advanced Option Stratigies



What Are Whales Doing With Bristol-Myers Squibb

Education Resources

You can invest like the policitican tool

CAPITAL HILL CONNECTION

WHAT WASHINGTON IS BUYING

The Stock Trading on Congressional Knowledge Act requires U.S. Representatives to publicly file and disclose any financial transaction within 45 days of its occurrence.

Stocks Most Bought (Last 60 Days)

Stock	Last Traded	Max Value Paid	Number of Trades
JP Morgan Chase & Co	12-Oct-22	\$1,015,000	2
Dow Inc	05-Oct-22	\$600,000	1
Intel Corp	13-Oct-22	\$600,000	1
Airbnb Inc	28-Oct-22	\$280,000	3
Shell Pic	21-Nov-22	\$200,000	1
Solaredge Technologies Inc	31-Oct-22	\$200,000	2
Adobe Inc	31-Oct-22	\$115,000	2
Epam Systems Inc	19-Oct-22	\$100,000	1
Walleye Capital LLC	26-Oct-22	\$100,000	1
Apple Inc	28-Oct-22	\$65,000	2

Stocks Most Sold (Last 60 Days)

Stock	Last Traded	Max Value Sold	Number of Trades
Fedex Corp	05-Oct-22	\$350,000	1
Airbnb Inc	21-Oct-22	\$280,000	3
Energy Transfer Lp	14-Oct-22	\$250,000	4
First Baird Bancshares Inc	12-Oct-22	\$250,000	1
Nextera Energy Inc	14-Oct-22	\$250,000	1
Linde Plc	17-Oct-22	\$215,000	2
General Motors Co	21-Oct-22	\$200,000	1
Amerisourcebergen Corp	07-Oct-22	\$150,000	1
Block Inc	28-Oct-22	\$115,000	2
Meta Platforms Inc	31-Oct-22	\$115,000	2

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Activity (Last 60 Days)



Active Politicians (Last 60 Days)

Political Figure		Last Traded	Number of Trades	Buy	Sell
Joshua Gottheimer	Congress	27-Oct-22	19	11	8
Michael Mccaul	Congress	21-Nov-22	2 18	12	6
Christopher Jacobs	Congress	12-Oct-22	16	-11	5
Lois Frankel	Congress	09-Nov-22	2 15	7	8
Charles Fleischmann	Congress	19-Oct-22	14	4	10
James Langevin	Congress	28-Oct-22	11	2	9
Shelley Capito	Senate	19-Oct-22	10		10
Kathy Manning	Congress	12-Oct-22	9	6	3
Walter Schrader	Congress	26-Oct-22	9	5	4
Alan Lowenthal	Congress	03-Nov-22	2 7		7
John Boozman	Senate	26-Oct-22	. 5	2	3
John Curtis	Congress	21-Oct-22	5	3	2
Virginia Foxx	Congress	31-Oct-22	5	2	3

Recent Trades

Political Figure		Stock		Туре	Date	Share Type	Trade Value Range*	
Kevin Hern	Congress	JPM US	JP Morgan Chase & Co	Div Re	31-Oct-22	Com	\$1,001 to \$15,000	9
		SEDG US	Solaredge Technologies Inc	Buy	31-Oct-22	Com	\$30,002 to \$100,000	©
Michael Mccaul	Congress	ADBE US	Adobe Inc	Buy	31-Oct-22	Com	\$30,002 to \$100,000	₽
		META US	Meta Platforms Inc	Sell	31-Oct-22	Com A	\$30,002 to \$100,000	©
Thomas Tuberville	Senate	CLF US	Cleveland-Cliffs Inc	Buy	31-Oct-22	Com	\$15,001 to \$50,000	@
Earl Blumenauer	Congress	AAPL US	Apple Inc	Buy	28-Oct-22	Com NPV	\$15,001 to \$50,000	@
James Langevin Congress	ABNB US	Airbnb Inc	Buy	28-Oct-22	Com A	\$1,001 to \$15,000	<u></u>	
	SQ US	Block Inc	Sell	28-Oct-22	Com A	\$50,001 to \$100,000	@	
Thomas Tuberville	Senate	MSFT US	Microsoft Corp	Sell	28-Oct-22	Option	\$3,003 to \$45,000	
Lois Frankel	Congress	COLD US	Americold Realty Trust	Buy	27-Oct-22	Com	\$1,001 to \$15,000	
Robert Gibbs	Congress	CFR US	Cullen Frost Bankers Inc	Sell	27-Oct-22	Com	\$1,001 to \$15,000	
		GOOGL US	Alphabet Inc	Sell	27-Oct-22	Com C NPV	\$1,001 to \$15,000	ÇII.
Joshua Gottheimer	Congress	META US	Meta Platforms Inc	Sell	27-Oct-22	Com A	\$1,001 to \$15,000	@
		MSFT US	Microsoft Corp	Sell	27-Oct-22	Com	\$2,002 to \$30,000	9
James Langevin	Congress	ABNB US	Airbnb Inc	Buy	27-Oct-22	Com A	\$100,001 to \$250,000	@
Access to the temperature of the control		KBH US	KB Home	Sell	27-Oct-22	Com	\$1,001 to \$15,000	@
Susie Lee	Congress	JOE US	St Joe Co	Sell	27-Oct-22	Com NPV	\$1,001 to \$15,000	@





CRYPTO AND NFTS



<u>The FTX disaster has set back crypto by</u> <u>'years' — here are 3 ways it could reshape</u> the industry



Binance.US Agrees to Buy Voyager's Assets for \$1.02B

Eva Kaili arrest a 'setback' for EU crypto regulations, economist says

Regulators Should Protect Crypto Investors at the Point of Trust, Not the Blockchain

What Does the Rise of A.I. Models Mean for the Field of Generative Art? NFT Artists and Curators Weigh In

Overall NFT trading volume has fallen a staggering 97 percent from its peak in 2021, but the horizon of crypto art can claim one bright spot: the medium of and market for generative art.

On December 1 at Art Basel Miami Beach, the form is taking the spotlight at the Tezos and Fxhash exhibition, "Performance in Code: Deciphering Value in Generative Art." Emerging generative artists such as Ivona Tau and Tyler Boswell will be featured, and visitors can mint their own generative NFTs.



STARTING SOMETHING

START UP COMPANIES WE ARE WATCHING

GOOD SERVICE 1ST **DIY GARAGE**

Min Investment: \$250

Atakama

Encryption, Made Simple

Min Investment: \$1,000



The Auto DIY'ers spend \$55 Billion a year in the U.S. on automotive aftermarket parts. Good Service 1st aims to provide DIYers a place to perform



automotive maintenance and performance upgrades without the

burden of dealership cost.

Smart IOPS ENTERTAINMENT VENUE



Min Investment: \$750

Smart IOPS builds leading-edge data storage analysis products that enable nextgeneration applications requiring quick and reliable access to data. Our first product was ready for the market in 2021 after 8 years of



TRIBEVEST SOCIAL INVESTING PLATFORM



Atakama is a NYC-based information security company that was founded in 2017 by a team of entrepreneurs, engineers, and cryptographers. Its mission is to be the leading data security provider. Using distributed key management, Atakama's encryption solution protects data against unauthorized access and cyber attacks. Using AES 256 multi-factor encryption, Atakama provides unparalleled data protection for individuals and businesses.



By encrypting each file with its own unique encryption key, Atakama protects users privacy, and renders a breach almost completely useless to an attacker.

Trade Algo

Powering the personal wealth movement



Funding Closed

TradeAlgo is a global market data leader on a mission to make investing simple and fair. Modern investors require access to real-time data for independent insights, and TradeAlgo provides these insights through cutting-edge algorithms and AI.



We are ushering in a new era of equitable trading by providing retail investors the tools that only hedge funds and large corporations have enjoyed - until now.

Funding Closed

Funding for this company has closed. We look forward to being a part of this companies IPO in the near future!



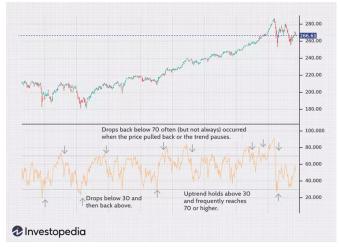
EDITORS EDU

What Is the Relative Strength Index (RSI)?

The relative strength index (RSI) is a momentum indicator used in technical analysis. RSI measures the speed and magnitude of a security's recent price changes to evaluate overvalued or undervalued conditions in the price of that security.

The RSI is displayed as an oscillator (a line graph) on a scale of zero to 100. The indicator was developed by J. Welles Wilder Jr. and introduced in his seminal 1978 book, New Concepts in Technical Trading Systems.

The RSI can do more than point to overbought and oversold securities. It can also indicate securities that may be primed for a trend reversal or corrective pullback in price. It can signal when to buy and sell. Traditionally, an RSI reading of 70 or above indicates an overbought situation. A reading of 30 or below indicates an oversold condition.

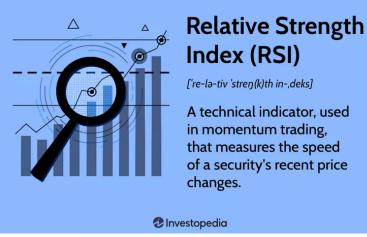


How the Relative Strength Index (RSI) Works

As a momentum indicator, the relative strength index compares a security's strength on days when prices go up to its strength on days when prices go down. Relating the result of this comparison to price action can give traders an idea of how a security may perform. The RSI, used in conjunction with other technical indicators, can help traders make better-informed trading decisions.

The average gain or loss used in this calculation is the average percentage gain or loss during a look-back period. The formula uses a positive value for the average loss. Periods with price losses are counted as zero in the calculations of average gain. Periods with price increases are counted as zero in the calculations of average loss.

The standard number of periods used to calculate the initial RSI value is 14. For example, imagine the market closed higher seven out of the past 14 days with an average gain of 1%. The remaining seven days all closed lower with an average loss of -0.8%.



Calculating RSI

The RSI uses a two-part calculation that starts with the following formula:

$$RSI_{ ext{step one}} = 100 - \left[rac{100}{1 + rac{A ext{verage gain}}{A ext{verage loss}}}
ight]$$

Why Is RSI Important?

Traders can use RSI to predict the price behavior of a security. It can help traders validate trends and trend reversals.

It can point to overbought and oversold securities.

It can provide short-term traders with buy and sell signals.

It's a technical indicator that can be used with others to support trading strategies.

Using RSI With Trends

Modify RSI Levels to Fit Trends

The primary trend of the security is important to know to properly understand RSI readings. For example, well-known market technician Constance Brown, CMT, proposed that an oversold reading by the RSI in an uptrend is probably much higher than 30. Likewise, an overbought reading during a downtrend is much lower than 70.

As you can see in the following chart, during a downtrend, the RSI peaks near 50 rather than 70. This could be seen by traders as more reliably signaling bearish conditions.

Many investors create a horizontal trendline between the levels of 30 and 70 when a strong trend is in place to better identify the overall trend and extremes.

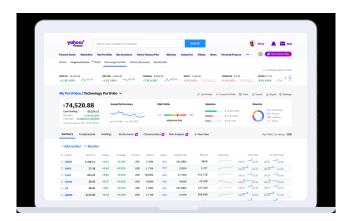
On the other hand, modifying overbought or oversold RSI levels when the price of a stock or asset is in a long-term horizontal channel or trading range (rather than a strong upward or downward trend) is usually unnecessary.

The relative strength indicator is not as reliable in trending markets as it is in trading ranges. In fact, most traders understand that the signals given by the RSI in strong upward or downward trends often can be false.

BUSINESS TIP FOR THE WEEK

Investor Tools

Tools Every Investor should have to be successful



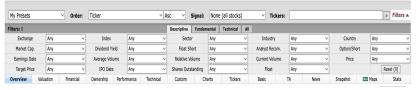
Yahoo Finance

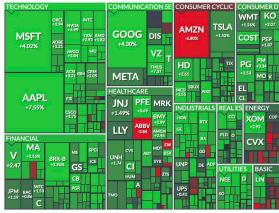
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Finviz

Finviz is where the fancy techy market map comes from you see at the top of the page. It is a powerful resource and gives you a endless supply of filters for screening stocks base on just about any measurable metric for free. Our editors use this to track companies lows and highs vs their price target.







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Learn More:

Portfolio ~

-3.73

-1,35

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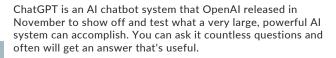
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A LITTLE MORE INFO

ChatGPT: Why Everyone Is Obsessed This Mind-Blowing AI Chatbot This artificial intelligence bot can chat and write essays, poems and computer programs. Careful how much you trust it, though.



For example, you can ask it encyclopedia questions like, "Explaining Newton's laws of motion." You can tell it, "Write me a poem," and when it does, say, "Now make it more exciting." You ask it to write a computer program that'll show you all the different ways you can arrange the letters of a word.

Here's the catch: ChatGPT doesn't exactly know anything. It's an AI that's trained to recognize patterns in vast swaths of text harvested from the internet, then further trained with human assistance to deliver more useful, better dialog. The answers you get may sound plausible and even authoritative, but they might well be entirely wrong, as OpenAl warns.

You can ask anything, though you might not get an answer. OpenAl suggests a few categories, like explaining physics, asking for birthday party ideas and getting programming help.

I asked it to write a poem, and it did, though I don't think any literature experts would be impressed. I then asked it to make it more exciting, and lo, ChatGPT pumped it up with words like battlefield, adrenaline, thunder and adventure.





Briefly explain chatGPT using a metaphor that would resonate with an audience of stockmarket investors and avoiding Al jargon.





One way to explain chatGPT to stockmarket investors is to compare it to a financial advisor who uses past performance data and market trends to make predictions about future investments. Just like a skilled financial advisor, chatGPT uses large amounts of training data to generate intelligent and informed responses to questions, providing valuable insights and suggestions to users.

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