

US Stock Express

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Both Bitcoin and NASDAQ Composite had low in April and record high in October, but BTC dropped lower in November

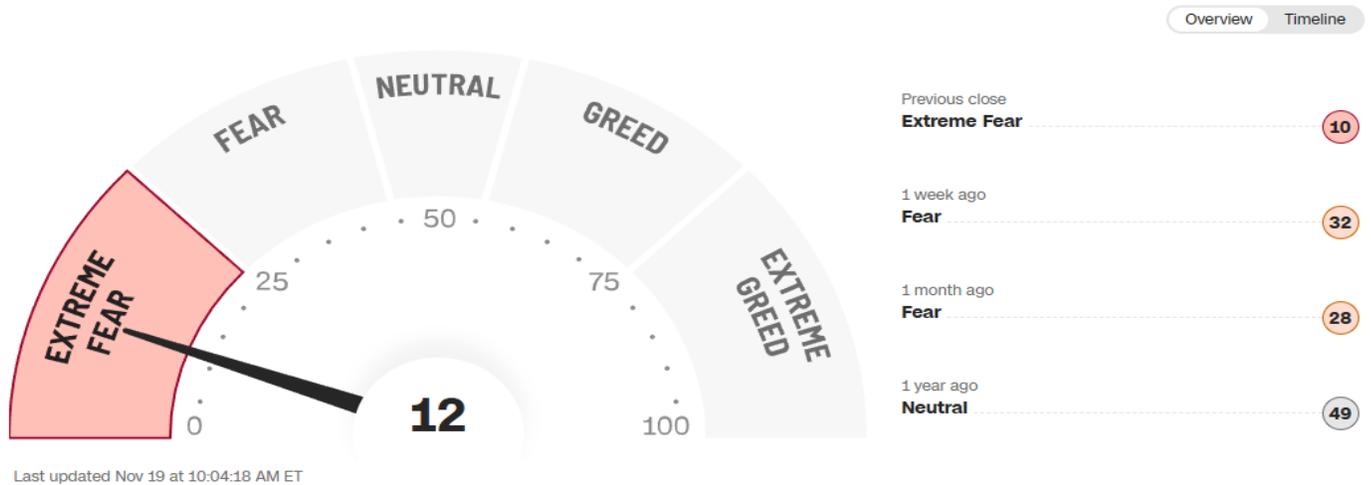


Mind that in long term, NASDAQ rose from Oct 2022 the Orion Metriod Shower, and BTC rose from Nov 2022

*Risk disclosure: Price can go up and down at any moment, use free money to trade and bear the risk according to your own capital;
 Never trade with money that has a deadline for withdrawal.
 All suggestions are for reference only, even AI cannot be 100% reliable, final decision still lies upon investors.
 Copy trading cannot replicate another trader's background or psychological state.*

Fear & Greed Index

What emotion is driving the market now?
[Learn more about the index](#)



North East West South is NEWS

Google recently expanded its AI-powered flight deal tool, Flight Deals, to over 200 countries and regions worldwide, supporting more than 60 languages. Initially launching in the US, Canada, and India in August 2025, the feature is now integrated into Google Flights, allowing users globally to quickly find the best flight deals using AI technology.

The US today approved a \$105 million arms sale to Ukraine to upgrade and maintain the Patriot missile defense system. Meanwhile, Russia continues its heavy bombardment of neighboring Ukraine.

Japanese media reported today that Niigata Governor Hideyo Hanakaku is expected to approve the restart of the Kashiwazaki-Kariwa nuclear power plant, the world's largest nuclear power plant, this week. Following the Fukushima nuclear disaster in 2011, resource-poor Japan completely shut down nuclear power; now, it hopes to revive nuclear energy and reduce its dependence on imported fossil fuels.

The World Health Organization (WHO) European Region released a report today warning that as artificial intelligence (AI) is increasingly used in the medical field, countries must strengthen legal and ethical safeguards to protect the rights of patients and healthcare workers.

Bitcoin, once hailed as "digital gold" by Wall Street and expected to experience "moonshot growth," is now facing an embarrassing "expectation-discrepancy," having fallen nearly 30% this year and plummeted nearly 30% from its year-to-date high. Its performance has lagged behind various assets, from tech stocks to short-term government bonds, with even gold, considered "outdated," easily outperforming Bitcoin.

Cloudflare apologises for outage which took down X and ChatGPT



- A Cloudflare outage disrupted major websites, including X and ChatGPT, for several hours on Tuesday.
- Cloudflare apologized, with CTO Dane Knecht saying it had "failed" its customers.
- The company said there was no evidence it was due to an attack or a malicious actor.

Parts of the internet went down again on Tuesday.

A network issue at web security business Cloudflare disrupted internet services and took down sites such as ChatGPT and X for many users for around three hours on Tuesday morning.

A Cloudflare spokesperson told Business Insider that the company first saw "unusual traffic" to one of its services at 6:20 a.m. ET, with a [status update](#) on its website around 30 minutes later saying it was experiencing "internal service degradation."

The outage continued until around 9:30 a.m. ET, Cloudflare said in a later statement.

After initially saying it did not know what had led to the "spike in unusual traffic," Cloudflare said that the cause of the outage was "a configuration file that is automatically generated to manage threat traffic."

"The file grew beyond an expected size of entries and triggered a crash in the software system that handles traffic for a number of Cloudflare's services," it added.

"I won't mince words: earlier today we failed our customers and the broader internet," Dane Knecht, Cloudflare's CTO, said in an X post.

[Cloudflare apologises for outage which took down X and ChatGPT - MyJoyOnline](#)

Last night, The Express cannot enter GROK and only can enter GPT-5, today has upgraded Grok from 4.0 to 4.1



Weekly Monthly Quarterly

✓ Winning Y12 Q37 ✗ Losing Y4 Q25

	Q1	Q2	Q3	Q4	Avg	Total	
2025	-12.85%	25.86%	7.97%	-23.48%	-0.624%	-4.13%	2025
2024	63.05%	-10.16%	0.448%	53.54%	26.72%	113.89%	2024
2023	69.83%	7.14%	-11.43%	52.26%	29.45%	154.89%	2023
2022	1.58%	-55.86%	-2.52%	-14.40%	-17.80%	-64.30%	2022
2021	101.26%	-39.52%	24.11%	2.52%	22.09%	61.65%	2021
2020	-10.87%	40.36%	17.56%	170.38%	54.36%	302.11%	2020
Avg	57.92%	153.93%	5.93%	76.36%			Avg
Total	27,185,581%	13,359,642%	113,851,750%	90,495,803%			Total



World Observation

Day 1366
Russia/Ukraine Conflict

Bitcoin

The Compound Annual Growth Rate (CAGR) of Bitcoin of past 13 years is 99.05%, as shown in page 4. But it does not mean it will forever be growing like this. As Grok 4.1 said its *like assuming a teenager will keep growing 10 inches per year forever*. In October 2025, Bitcoin met with a record high of \$123,361 and now just under \$90,000 and rebounded up. A lot of people would ask, when will it go back to the top? The conservative way is that by Dec 2026, it would only go up to \$119,000, but most optimistic forecast is \$155,000. So, if you use full payment to buy a coin, no matter digital coin or in paper wallet, its worthy of, but don't trade in margin, it will make you totally get loss very soon.

What I really want to say is that AI is the same, don't think said its *like assuming a teenager will keep growing 10 inches per year forever*. Even if it is not a bubble, but still can be overestimated. Therefore, adjustment is normal. On the other hand, when the fall comes, don't be so pessimistic. The market will not rise forever, the same is that it will not fall forever.

Watch the Fear & Greed Index, when it is under 12 points, if you buy in, normally can see a prominent rise in a few weeks, but not overnight.

When the fall comes, the year line of 250-SMA is a nice standard of support, so when stocks are far above this line, they are strong and have anti-falling power. GOOG is benefitted by the purchase of Berkshire, anyway I always say try the top 10 or top 20 market capitalization, it already has great anti-falling power, and also strong leading power in a rise. It is worthier to buy those do not fall but do not rise stocks. NVDA is the King of Kings, will lead the market to go up again as what Bitcoin did, don't worry!



Quick Answer: CAGR smooths Bitcoin's extreme volatility into an annualized growth rate. If Bitcoin's 13-year CAGR of ~99% persisted, its price could mathematically exceed \$10 million by 2035—but real outcomes will be far lower due to diminishing returns, regulation, and market maturity. Bitcoin and NASDAQ have shown strong correlation since 2022, often rising and falling together, though this is not always the case. Trump's \$82M bond purchases had little direct effect on stocks; broader macro forces (rates, liquidity, geopolitics) outweighed the disclosure.

What is CAGR?

- **Definition:** Compound Annual Growth Rate (CAGR) is the smoothed annual growth rate of an investment over time.

- **Formula:**

$$CAGR = \left(\frac{\text{Ending Value}}{\text{Beginning Value}} \right)^{\frac{1}{n}} - 1$$

- where n = number of years.
- **Purpose:** It removes volatility "noise" and shows what constant annual growth would have produced the same final value.

Bitcoin Price Forecast (2026–2035)

- If CAGR of **99%** continued:
 - Starting price (Nov 2025): ~\$93,000.
 - By 2035: $93,000 \times (1.99^{10}) \approx 10.2M$.
- **Reality check:**
 - Bitcoin's CAGR has already slowed (recent 5-year CAGR ~47%).
 - Analysts forecast **\$130K–\$150K by 2026–2027** and **\$1M+ by 2030** under bullish scenarios. [1](#) [2](#) [3](#)
 - More conservative models suggest **\$150K–\$250K by 2030** if adoption stabilizes.
- **Conclusion:** CAGR extrapolation is useful for scenarios, but diminishing returns and macro cycles mean exponential growth won't persist indefinitely.

[GPT-5 is here - OpenAI](#)

Bitcoin vs NASDAQ Correlation

- **Observed trend:** Since late 2022, Bitcoin and NASDAQ often moved together—both bottomed in **April** and peaked in **October**.
- **Correlation data:** 30-day correlation reached **0.8**, the highest since 2022. [4](#) [5](#)
- **Interpretation:** Bitcoin increasingly trades like a **high-beta tech stock**, rising less on rallies but falling harder in downturns. [6](#)
- **Not always true:** Historically, Bitcoin was uncorrelated with equities, but since 2020 liquidity cycles and institutional adoption have tied it closer to tech markets.

Trump's \$82M Bond Purchases

- **Disclosure:** Between Aug 8–Oct 2, Trump bought at least **\$82M in corporate and municipal bonds** [7](#) [8](#) [9](#).
- **Impact:**
 - Bond purchases are **personal portfolio moves**, not market-moving at that scale.
 - Markets focus more on **Fed policy, inflation, and liquidity** than individual transactions.
- **Why stocks fell after disclosure:**
 - Investors worried about **inflation, tariffs, and fiscal policy** linked to Trump's agenda. [10](#)
 - Rising bond yields and macro headwinds outweighed any positive sentiment from his purchases.

Key Takeaways

- **CAGR is a useful lens** but not a forecast tool—Bitcoin's future CAGR will likely be far lower than 99%.
- **Bitcoin and NASDAQ correlation is real** since 2022, driven by liquidity cycles and institutional flows.
- **Trump's bond buys had negligible direct effect;** broader macro conditions drove stock declines.

Would you like me to build a **scenario matrix** (bull, base, bear) for Bitcoin's price through 2035, incorporating adoption, regulation, and macro cycles? That would give you a structured view beyond raw CAGR extrapolation.

What is Compound Annual Growth Rate (CAGR)?

Compound Annual Growth Rate (CAGR) is a measure of the average annual growth rate of an investment over a specified period, assuming the profits are reinvested (compounded) each year. It smooths out volatility to show what consistent yearly return would turn a starting value into an ending value.

The formula is:

$$\text{CAGR} = \left(\frac{\text{Ending Value}}{\text{Beginning Value}} \right)^{\frac{1}{\text{Number of Years}}} - 1$$

For Bitcoin over the past ~13 years (roughly from late 2012, when BTC was around \$13 at year-end, to November 2025 at ~\$91,000–\$92,000), the CAGR comes out close to your stated 99.05%. This reflects BTC's explosive early growth from near-zero prices in its first few years (2010–2012), where even tiny starting values produced massive multipliers. Shorter periods have much lower CAGRs—for example:

- Last 10 years: ~80–85%
- Last 5 years: ~50–60%
- Last 4-year halving cycle (2021–2025): ~40–50%

CAGR naturally declines as Bitcoin matures and its market cap grows (from trillions now, harder to 10x than from millions).

Forecasting Bitcoin Price to 2035 Using Extrapolation (Caution: Highly Speculative)

Projecting future prices by applying a fixed historical CAGR is a common but flawed exercise—it's like assuming a teenager will keep growing 10 inches per year forever. Bitcoin's growth has slowed with adoption, regulation, and macro sensitivity. Extrapolating 99% forever would imply absurd prices (e.g., quadrillions by 2035), which is impossible due to finite global wealth.

More realistic scenarios use diminishing CAGRs based on historical trends, power-law models (BTC grows like a network, slowing over time), or halving cycles. Here's a table with projections from today's ~\$91,500 price under three scenarios:

Year-End	Conservative (30% CAGR) (Power-law/long-term maturing asset)	Moderate (50% CAGR) (Recent bull cycle average)	Optimistic (70% CAGR) (Early-stage growth echo)
Dec 2026	\$119,000	\$137,000	\$155,000
Dec 2027	\$154,000	\$206,000	\$264,000
Dec 2028	\$201,000	\$309,000	\$449,000
Dec 2029	\$261,000	\$463,000	\$763,000
Dec 2030	\$339,000	\$695,000	\$1,297,000
Dec 2031	\$441,000	\$1,042,000	\$2,205,000
Dec 2032	\$573,000	\$1,563,000	\$3,749,000
Dec 2033	\$745,000	\$2,345,000	\$6,373,000
Dec 2034	\$968,000	\$3,517,000	\$10,834,000
Dec 2035	\$1,259,000	\$5,276,000	\$18,418,000

These are mechanical extrapolations only—no one can predict BTC accurately 10 years out. Factors like regulation, adoption (e.g., nation-state reserves), halvings (next in 2028), and macro events will dominate. Many analysts expect \$500k–\$2M by 2030 in bull cases, but crashes of 70–90% remain possible in bear markets.

Relation Between NASDAQ (Oct 2022 low) and Bitcoin (Nov 2022 low)

Yes, strong relation. Both hit cycle lows in late 2022 amid Fed rate hikes, inflation fears, and risk-off sentiment:

- NASDAQ bottomed ~Oct 2022 (post-2022 bear market).
- Bitcoin bottomed ~Nov 2022 (FTX collapse aftermath).

Since then, both rallied sharply on easing liquidity expectations, ETF approvals (BTC spot ETFs in 2024), and Trump election optimism. This marks the post-2022 bull market, driven by shared "risk-on" macro drivers.

2025 Lows in April, Highs in October—Any Relation?

Partial relation, but not perfectly synced:

- Both saw pullbacks around April 2025 (macro uncertainty, tariff fears).
- Peaks diverged: BTC hit all-time highs ~\$126,000 in October 2025; NASDAQ/tech stocks peaked earlier or staggered.

Correlation spiked in 2025 (often 0.7–0.9 during stress), so yes—shared sensitivity to rates, liquidity, and sentiment caused overlapping swings.

Is It Uncommon for Bitcoin to Move in the Same Direction as US Stocks?

No, it's increasingly common since 2020–2021:

- Early Bitcoin (pre-2020): Often uncorrelated or negatively correlated (acted like "digital gold").
- Post-2020 (institutional adoption, ETFs): Behaves like a high-beta risk asset—amplifies stock moves (up 3–5x in bulls, down harder in bears).
- 2022–2025: Correlation with NASDAQ/S&P 500 frequently 0.5–0.9, especially in risk-off periods.

It's now treated like leveraged tech stocks by institutions, not an uncorrelated hedge.

Trump's \$82M+ Bond Purchases (Aug–Oct 2025) and Stock Market Impact

Disclosures (released ~Nov 15, 2025) showed President Trump personally bought at least \$82M (possibly up to \$337M) in corporate/muni bonds during that window, via blind trusts.

- **Did it help stocks Aug–Oct?** Unlikely direct impact—purchases were modest vs. market size (~\$50T+ US equities/bonds). Stocks rose then on broader factors (rate cut hopes, election momentum). No evidence these buys moved markets.
- **Why did stocks drop Monday/Tuesday after disclosure?** No causal link to the news. Drops (Nov 17–18) stemmed from:
 - Tech valuation concerns (AI bubble fears).
 - Record BTC/ETF outflows signaling risk-off.
 - Broader rotation from growth to value/safety.
 - Geopolitical/trade worries.

The disclosure was routine ethics filing—markets ignored it. Bond buys (defensive assets) might even signal caution, but \$82M is negligible.

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↳ Explain power-law models for Bitcoin

↳ Compare Bitcoin to Ethereum growth