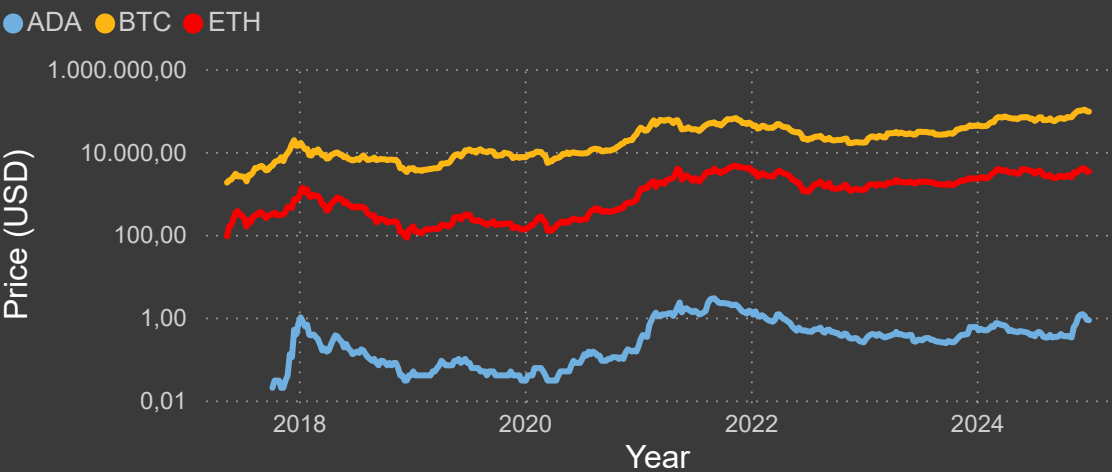


Crypto Analysis Dashboard

Bitcoin (BTC), Ethereum (ETH), Cardano (ADA) 2017-2024

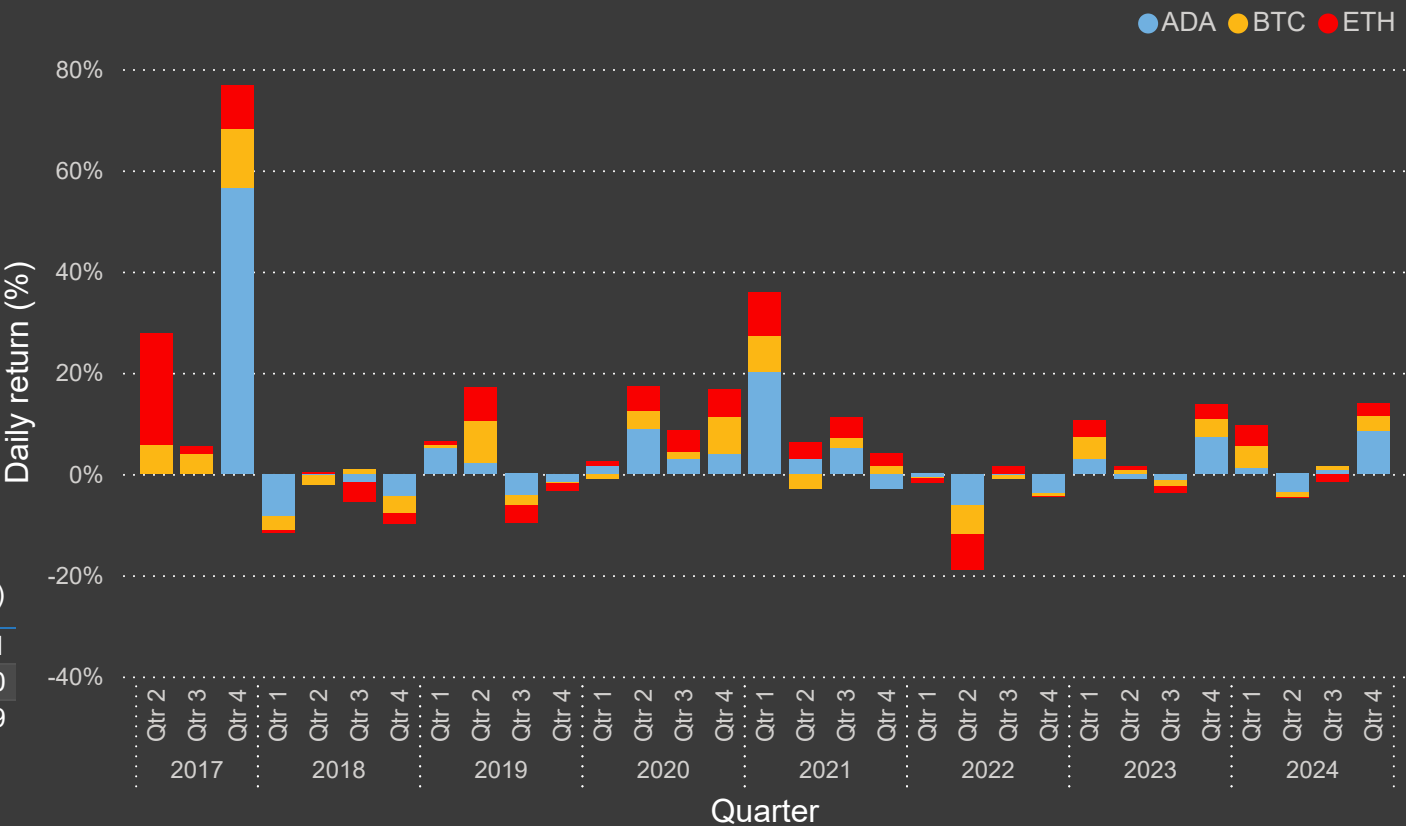
Logarithmic Price of Bitcoin, Ethereum and Cardano



Key Findings:

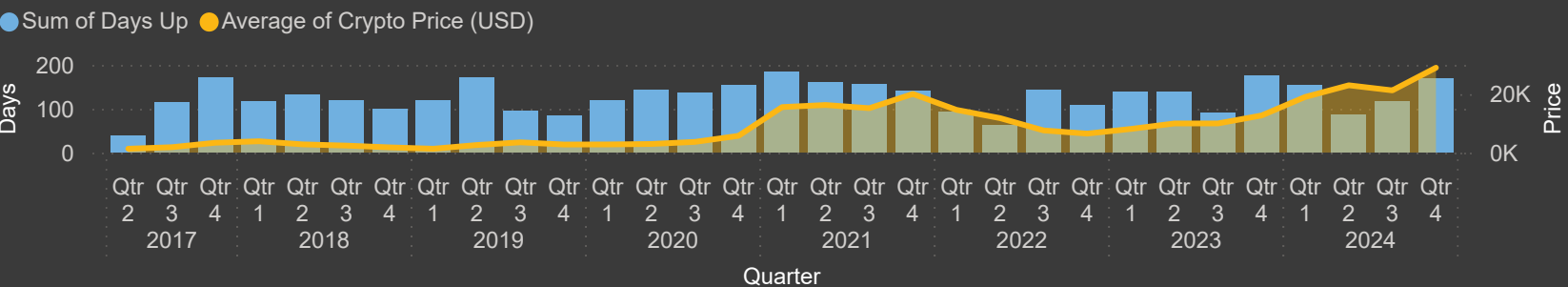
- Bitcoin is the **leading store of value** and widely adopted by institutions.
- Ethereum tends to follow the price of Bitcoin throughout the year 2017-2024.
- Cardano has a bit different price action due to lower market caps that allows whales and more **retail-driven** price action with fewer large-scale investments.
- 2017 and 2021 shows a huge uptrend signaling a bull market run, while 2018, 2022 suggests a downtrend and overall low of up days in a week meaning a bear market cycle.
- **Consistent quarterly positive returns** suggest that **BTC, ETH, and ADA** have maintained **long-term growth trends**, despite **short-term volatility** in crypto markets.

Avg Quarterly Return of Cryptocurrencies



Asset	Volatility (%)
ETH	57,01
BTC	46,80
ADA	28,49

Crypto Up Days in a Week of each Quarter



Crypto vs S&P 500: Market Trends & Liquidity

Impact of Fed Policies on Risk Assets 2017-2024

Avg Price of Crypto and S&P 500

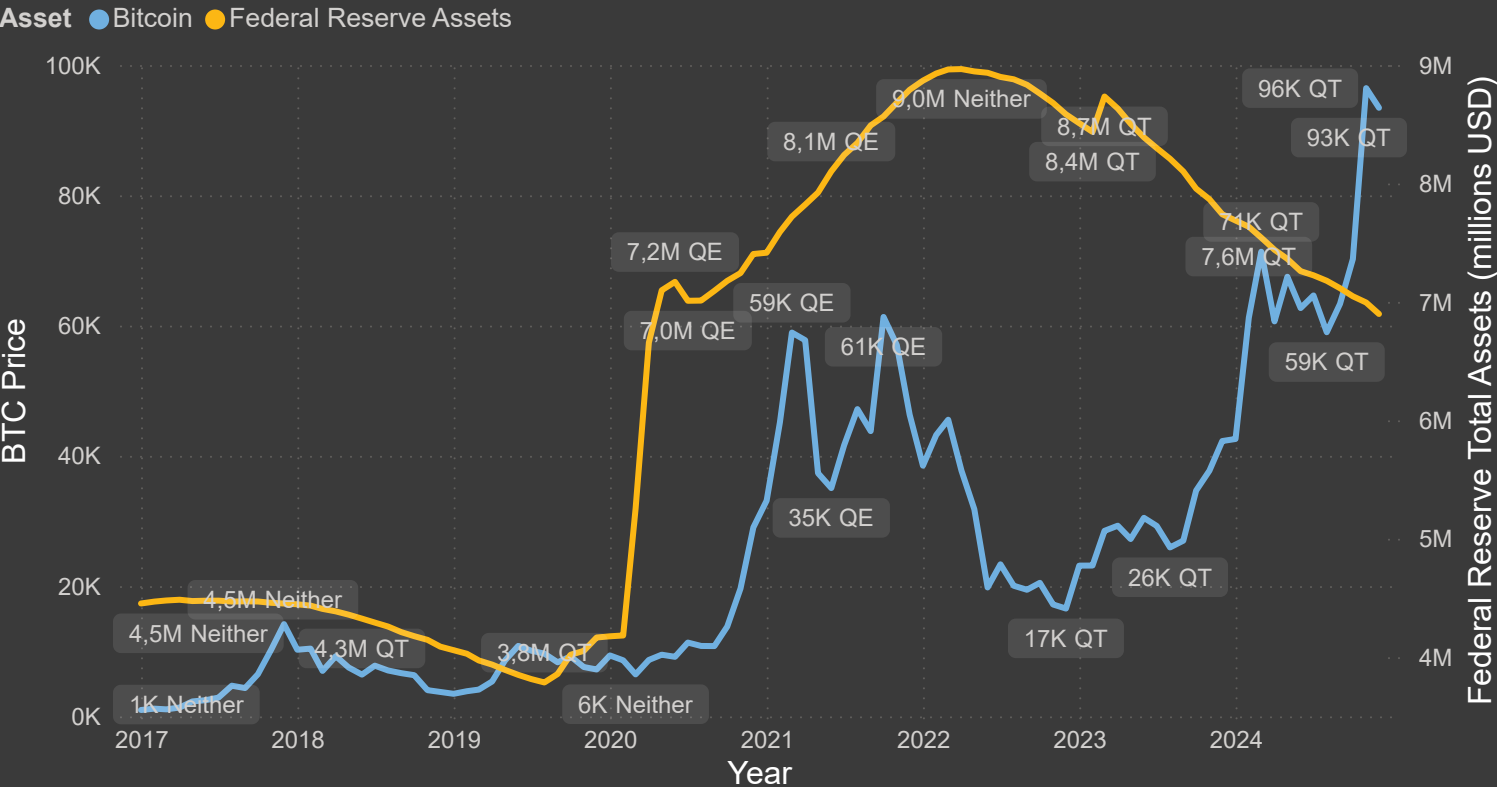


Correlation of BTC and S&P 500 Price

Month	2017	2018	2019	2020	2021	2022	2023	2024
January		0,92	0,80	-0,66	0,88	0,71	0,41	0,75
February		0,86	0,76	-0,45	0,91	0,61	0,48	0,86
March		0,83	0,64	0,50	0,88	0,66	0,41	0,90
April		0,79	0,40	0,64	0,90	0,68	0,59	0,91
May	1,00	0,67	0,41	0,62	0,88	0,82	0,73	0,89
June	0,93	0,47	0,56	0,59	0,65	0,93	0,74	0,89
July	0,83	0,23	0,69	0,75	0,27	0,92	0,75	0,72
August	0,55	0,07	0,68	0,91	-0,24	0,86	0,69	0,58
September	0,49	-0,41	0,56	0,93	-0,40	0,79	0,56	0,09
October	0,81	-0,44	0,40	0,95	0,21	0,80	0,30	-0,13
November	0,88	0,03	0,23	0,82	0,66	0,61	0,31	0,52
December	0,90	0,78	-0,09	0,85	0,83	0,30	0,67	0,76

Effect of Monetary Policy on BTC Prices

Quantitative Tightening (QT), Quantitative Easing (QE)



Key Findings:

- From 2017 to 2024, crypto has generally followed the price action of the S&P 500, showing a strong correlation during broader market trends. However, periods of **negative correlation** have occurred, often triggered by major events in either market, leading to short-term volatility and temporary divergence.
- When the Federal Reserve announced and implemented **Quantitative Tightening (QT)**, Bitcoin's price experienced a significant decline. Conversely, in 2020, when the Fed initiated **Quantitative Easing (QE)**, Bitcoin responded positively a few months later. However, Bitcoin's price also dropped immediately when QE ended, highlighting its sensitivity to liquidity changes.
- The Crypto Market is not immune to Monetary Policy.