

# Project Complete Historical Cryptocurrency Financial Data

## Top 200 Cryptocurrencies by Marketcap

Recent growing interest in cryptocurrencies, specifically as a speculative investment vehicle, has sparked global conversation over the past 12 months. Although this data is available across various sites, there is a lack of understanding as to what is driving the exponential rise of many individual currencies. This data set is intended to be a starting point for a detailed analysis into what is driving price action, and what can be done to predict future movement. This project is related to Saudi's 2030 vision

### Content

Consolidated financial information for the top 10 cryptocurrencies by marketcap. Pulled from CoinMarketCap.com. Attributes include:

Currency name (e.g. bitcoin)

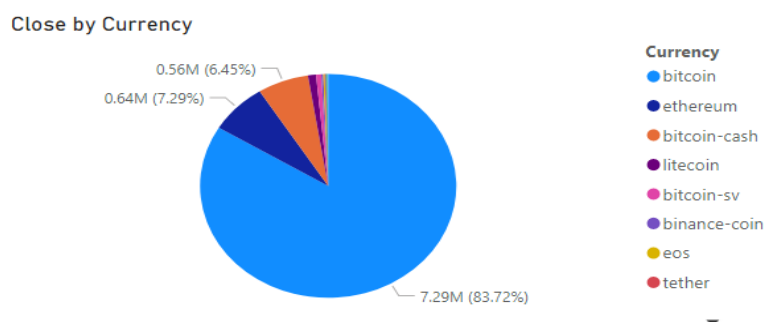
Date, Open, High, Low, Close, Volume, Marketcap, Inspiration

I've written a small script that scrapes historical price information for the top 200 coins by market cap as listed on CoinMarketCap.com.

I plan to run some basic analysis on it to answer questions that I have a "gut" feeling about, but no quantitative evidence (yet!)

Questions such as:

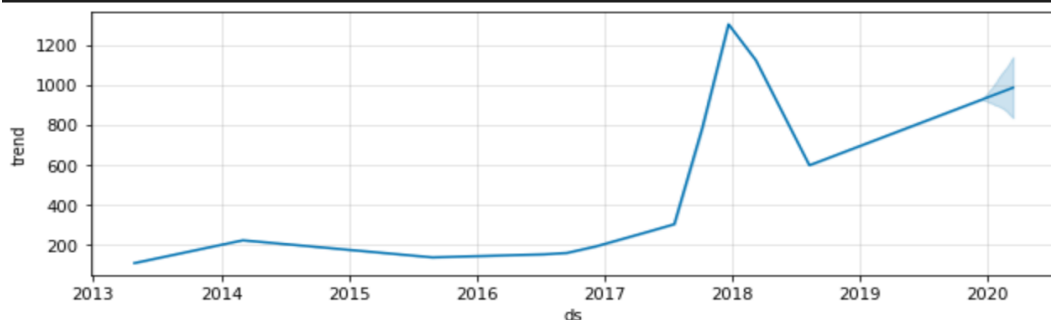
What is the correlation between bitcoin and alt coin prices?



Bitcoin is the king of cryptocurrencies, by virtue of its higher inception and market value. Bitcoin drives the digital currency locomotive. A cryptocurrency other than Bitcoin is a cryptocurrency.

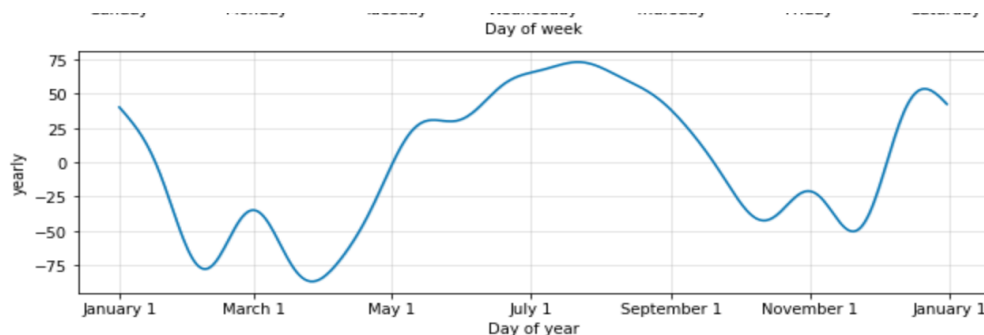
Rapidly, cryptocurrencies are becoming increasingly valuable in commercial transactions. Large and Small Business Hardware, Business Solutions, Trade Solutions, Bitcoin and Cryptocurrency Solutions. Some large companies even pay stocks in cryptocurrency.

```
#plot for different components of forecast  
plt2 = m.plot_components(forecast)
```

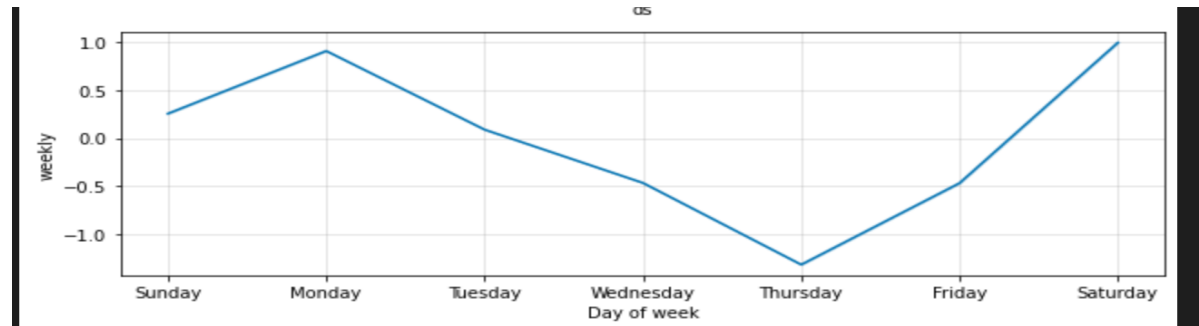


As shown in the graph in 2018, the trend rose to above 1200

In terms of months, July is the best month to buy and sell as shown in the chart



What day of the week is best to buy/sell?



Monday and Saturday are the best days, as shown in the graph

The top 22 currencies and their overview in 2022

1. Bitcoin
2. Ethereum
3. Litecoin.
4. Ripple
5. Chainlink
6. Tether
7. Binance coin
8. EOS
9. Cardano
10. TRON
11. Huobi Token
12. Dash
13. Monero
14. Dogeko

The undisputed leader in the world of cryptocurrency, it is the most secure electronic asset option among all the options

The electronic currency has been on the market since 2009, and in 2021 it reached its peak in value.

According to analyst forecasts, Bitcoin will continue to grow and break the record \$64,000.

Investors prefer Bitcoin, since its capital is ten times larger than other currencies in the world – about \$ 583 billion. Therefore, buying and selling Bitcoin has the highest liquidity, which means that it will be profitable regardless of the state of the market.

Despite the fact that the cryptocurrency as a whole is a very volatile asset, Bitcoin has shown steady growth over the long term.

Technological advances and the resulting innovations bring about a radical change in the way the founders manage the foundations.

its business and providing its services, noting the consumer attitude of customers towards various products and services, in addition to what

These technologies witness a clinical development that reflects the many changes and developments that have been produced by the technical development in the information and communication technology sector. It is no secret to anyone the size and types of these technologies and their significant impact on the level of the financial and banking industry, in particular the cash and money transfer sector. Through dashboard and dashboard systems

advanced, digital and virtual currencies and others. The global monetary system will also witness radical developments in the past six years, the most important of which is related to the emergence of currencies.

The cryptocurrency hypothesis, which is considered in bitcoin by its popularity and spread, and despite the global concerns raised by this currency due to the political fluctuations in its value, in addition to the presence of many risks associated with it, but it has gradually begun to shift it on the confidence of some dealers within the Internet, due to the fact that it does not have the benefit of decentralization and its associated financial services, in addition to its security Hua We t through the trading platforms spread across

the internet; This has led some institutions around the world to accept it as a means of warming.

data set is intended to be a starting point for a detailed analysis into what is driving price action, and what can be done to predict future movement. OHLCV data includes 5 data points: the Open and Close represent the first and the last price level during a specified interval. High and Low represent the highest and lowest reached price during that interval.