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**Data for visulization**

We have visualized data on the price, market cap, and volume of BTC, LTC, ETH, DOGE, and SHIBA cryptocurrencies. The data for each coin can be accessed via the following links:

BTC - <https://coinmarketcap.com/currencies/bitcoin>

LTC - <https://coinmarketcap.com/currencies/litecoin>

ETH - <https://coinmarketcap.com/currencies/ethereum>

DOGE - <https://coinmarketcap.com/currencies/dogecoin>

SHIBA - <https://coinmarketcap.com/currencies/shiba-inu>

The data includes open, high, low, close, volume, market cap, and timestamp for each coin, which can be used to create a chart that displays their price, market cap, and volume. Additionally, the data can be used to develop a game that calculates the fluctuations in each coin's value over a specified time period.

**Data for the tooltip when users hover over the icon of each coin**

BTC:

Bitcoin is a protocol which implements a highly available, public, permanent, and decentralized ledger. In order to add to the ledger, a user must prove they control an entry in the ledger. The protocol specifies that the entry indicates an amount of a token, bitcoin with a minuscule b. Wikipedia

Symbols: BTC, ฿, ₿

Block reward: ₿6.25

Circulating supply: ₿18,925,000

Code: BTC, XBT

Exchange rate: Floating

Hash function: SHA-256 (two rounds)

Implementation(s): Bitcoin Core

LTC:  
Litecoin is a decentralized peer-to-peer cryptocurrency and open-source software project released under the MIT/X11 license. Inspired by Bitcoin, Litecoin was among the earliest altcoins, starting in October 2011. In technical details, the Litecoin main chain shares a slightly modified Bitcoin codebase.

Symbol: Ł

Founder: Charlie Lee

Block reward: Ł12.5 (approximately till August 2023), halved approximately every four years

Code repository: github.com/litecoin-project/litecoin

Developer(s): Litecoin Core Development Team

Exchange rate: US$55 (July 2022)

Hash function: scrypt

ETH:

Ethereum is a decentralized blockchain with smart contract functionality. Ether is the native cryptocurrency of the platform. Among cryptocurrencies, ether is second only to bitcoin in market capitalization. It is open-source software. Ethereum was conceived in 2013 by programmer Vitalik Buterin.

Developer: Vitalik Buterin, Gavin Wood

Initial release date: July 30, 2015

Platforms: x86-64, ARM architecture family

Written in: Solidity

Active hosts: ~8,000 nodes (10 September 2022)

Available in: Multilingual, but primarily English

License: Open-source licenses

DOGE:

Dogecoin is a cryptocurrency created by software engineers Billy Markus and Jackson Palmer, who decided to create a payment system as a "joke", making fun of the wild speculation in cryptocurrencies at the time. It is considered both the first "meme coin", and more specifically the first "dog coin".

Symbols: D, Ɖ

Block reward: Ð10,000

Code: DOGE

Developer(s): Billy Markus ("Shibetoshi Nakamoto"), Michi Lumin, Ross Nicoll

Exchange rate: Floating (very volatile)

Hash function: Scrypt-based

Initial release: December 6, 2013; 9 years ago

SHIBA:

Shiba Inu token is a decentralized cryptocurrency created in August 2020 by an anonymous person or group known as "Ryoshi"

Initial release: August 2020; 2 years ago

Code: SHIB

Original author(s): "Ryoshi"

White paper: Shibu Inu Ecosystem