BT Radianz

The Crypto Market Data eco-system

Agenda

In Scope:

- Crypto currencies (“Tokens”, “peer-to-peer currency) – Market Data

Out of scope

- Non Fungible Tokens (NFT)
- Initial Coin Offerings (ICO)
- Tokenization / Digitisation of assets
- Central Bank Digital Currency
- Blockchain technology
- Smart contracts
- China

Crypto Venue by Market cap

(source Coingecko)

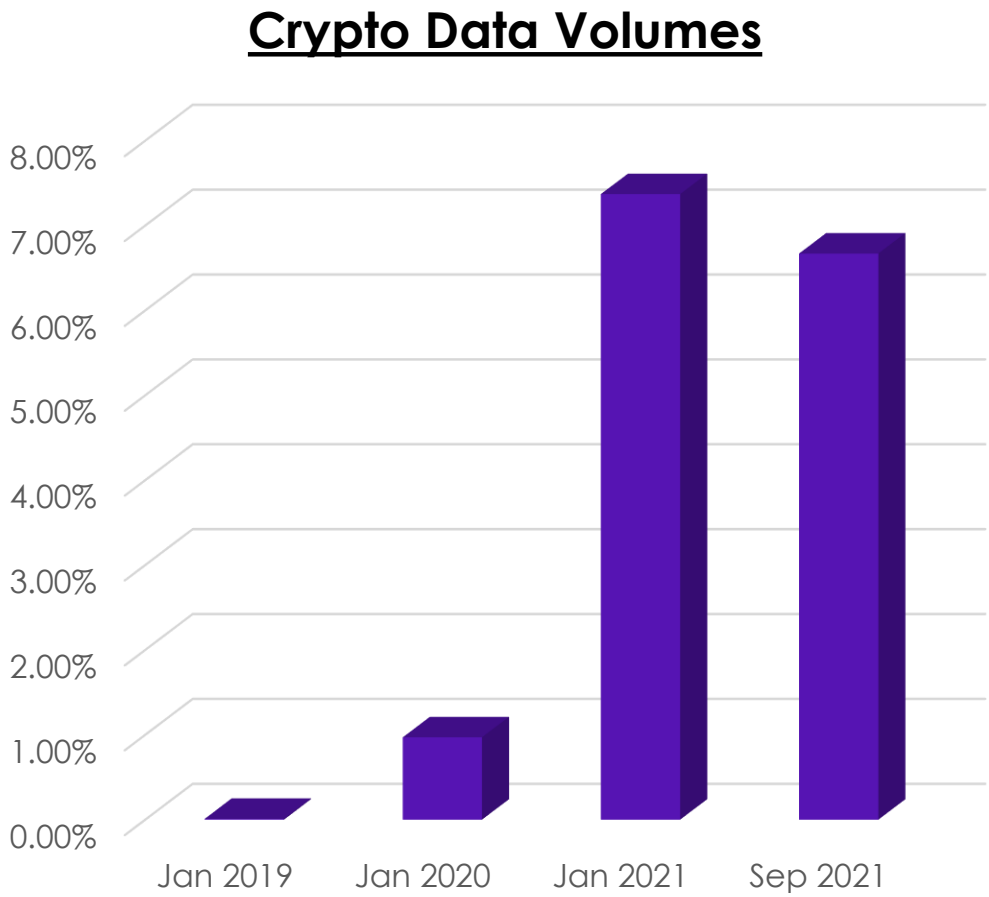
#	Coin		Price	1h	24h	7d	24h Volume	Mkt Cap	Last 7 Days
1	Bitcoin	BTC	$42,047.73	0.1%	-0.4%	4.1%	$29,918,444,788	$791,740,263,676	
2	Ethereum	ETH	$2,907.88	-0.0%	-0.8%	6.0%	$18,933,551,237	$342,118,818,115	
3	Tether	USDT	$1.00	0.2%	-0.0%	1.0%	$59,833,188,317	$69,336,183,229	
4	Cardano	ADA	$2.10	-0.5%	-1.3%	6.3%	$2,718,288,730	$67,229,358,710	
5	Binance Coin	BNB	$367.22	-0.1%	7.0%	6.8%	$1,939,017,408	$56,758,049,228	
6	XRP	XRP	$0.956396	3.7%	2.6%	10.4%	$4,096,864,098	$44,734,312,568	
7	Solana	SOL	$136.96	-0.3%	1.6%	11.7%	$2,550,722,889	$40,744,055,032	
8	USD Coin	USDC	$1.00	0.4%	0.1%	0.5%	$4,005,874,160	$31,250,095,519	
9	Polkadot	DOT	$28.08	-0.1%	1.0%	8.2%	$1,235,598,262	$29,052,969,750	
10	Dogecoin	DOGE	$0.202191	0.6%	0.3%	1.3%	$789,827,775	$26,580,220,520	

Crypto Venues by Volume

(source Cryptocompare)

1	**Binance** Sponsored	Malta	Cryptocurrency, Derivatives, Stable Coins, Tokens	$ 16.74 B	65.12	BB	★★★★☆
15	**Kraken** Sponsored	U.S.A	Cryptocurrency, Derivatives, Stable Coins, Tokens, Fiat	$ 1.01 B	77.66	AA	★★☆☆☆
2	**OKEX**	Malta	Cryptocurrency, Derivatives, Stable Coins, Tokens, Fiat	$ 5.22 B	61.02	BB	★★★★☆
3	**BTSE**	United Arab Emirates	Cryptocurrency, Stable Coins, Fiat	$ 5.22 B	49.96	B	☆☆☆☆☆
4	**ATAIX**	Estonia	Cryptocurrency, Stable Coins, Tokens, Fiat	$ 3.88 B	35.78	C	★★★★★
5	**Huobi Global**	Seychelles	Cryptocurrency, Derivatives, Stable Coins, Tokens, Fiat	$ 3.65 B	62.4	BB	★★★☆☆
6	**HitBTC**	United Kingdom	Cryptocurrency, Stable Coins	$ 3.32 B	54.04	B	★★★★☆
7	**Bitcoin.com**	Saint Kitts and Nevis	Cryptocurrency, Stable Coins	$ 3.08 B	52.51	B	★★★☆☆
8	**Coinbase**	U.S.A	Cryptocurrency, Stable Coins, Tokens, Fiat	$ 3.04 B	86.26	AA	★★★☆☆

Crypto Market Data - Size



- **May 2020** – Tudor Investment allocate 1-2% of portfolio to Bitcoin
- **Aug 2020** – MicroStrategy announce $250M purchase of Bitcoins
- **Sept 2020** – Square purchase $50M of Bitcoins
- **Oct 2020** – Stoneridge Capital purchase $115M of Bitcoins
- **Dec 2020** – MassMutal invest $100M in Bitcoin
- **Feb 2021** – Tesla announce purchase of $1.5B of Bitcoins
- **Mar 2021** – Meitu announces $30M purchase of ETH
- **April 2021** – Tesla announce 10% sale of Bitcoins
- **April 2021** – Rothschild announce purchase of Grayscale Ethereum

Why should the Market Data Community be interested in Cryptos?

Traditional eco-system

Clients

J.P.Morgan
Morgan Stanley
citi
Goldman Sachs
BANK OF AMERICA
jumptrading
Jane Street
DRW
VIRTU FINANCIAL
CITADEL

Venues

London Stock Exchange
EURONEXT
CME Group
HKEX 香港交易所
SGX
TMX
NYSE
Nasdaq
SIX

Market Data Vendors

London Stock Exchange Group
Bloomberg
QuantHouse
activ FINANCIAL
ICE Data Services
MORNINGSTAR

BT

Why should the Market Data Community be interested in Cryptos?

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Traditional eco-system	J.P.Morgan, Morgan Stanley, citi, Goldman Sachs, Bank of America, jumptrading, Jane Street, DRW, Virtu Financial, Citadel	London Stock Exchange, Euronext, CME Group, HKEX 香港交易所, SGX, TMX, NYSE, Nasdaq, SIX	London Stock Exchange Group, Bloomberg, QuantHouse, activ Financial, ICE Data Services, Morningstar
Crypto eco-system	B2C2, Genesis, Keyrock, GSR, Alameda Research, Bluesky Capital, Binary Financial, Cumberland A DRW Company, Jump Crypto	Binance, coinbase, Bitfinex, OKEX, Huobi, kraken, Gemini, SDX, Digital Exchange Börse Stuttgart, the SMALL exchange	shrimpy, KAIKO, CoinMarketCap, CoinGecko, Messari, Crypto Compare, CoinRoutes

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Crypto – Indexes

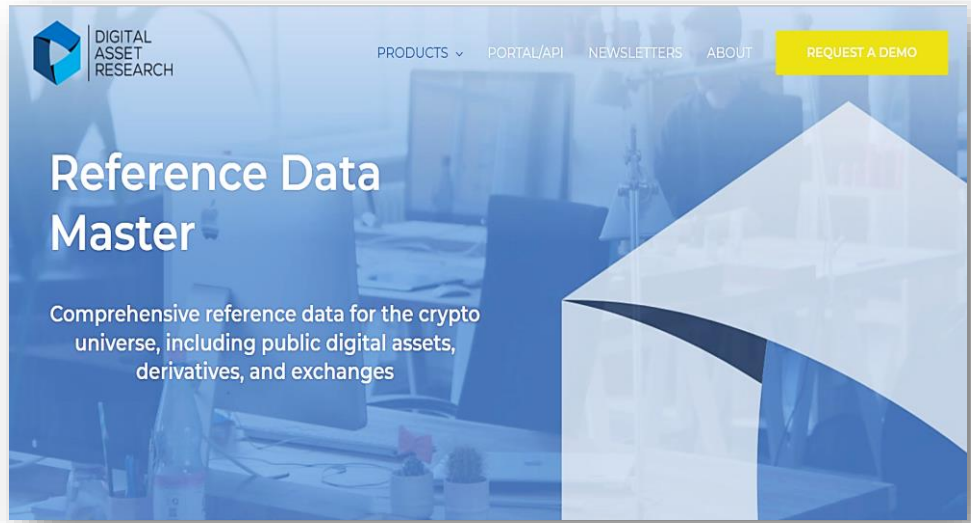
- Bloomberg Galaxy Crypto Index (BGCI).
- CMC: All Crypto Index; Major Crypto Index and the Emerging Crypto Index.
- FTSE Russell Single Digital asset index
- Nasdaq Crypto Index (NCI)
- New York Stock Exchange Bitcoin Index (NYXBT)
- S&P: Bitcoin Index (SPBTC), Ethereum Index (SPETH); Cryptocurrency MegaCap (SPCMC)

Bitwise Crypto Market Index 10 (B10)

MVIS CryptoCompare Bitcoin Cash	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare Bitcoin	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare Bitcoin VWAP Close	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare Dash	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare DeFi 20	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare Digital Assets 10	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare Digital Assets 100	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare Digital Assets 25	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare Digital Assets 5	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare Ethereum Benchmark Rate	SemiAnnual	Aug 2021	26 Aug 2021
MVIS CryptoCompare Ethereum Classic	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare Ethereum	Monthly	Sep 2021	27 Sep 2021
MVIS CryptoCompare Ethereum VWAP Close	Monthly	Sep 2021	27 Sep 2021

Crypto – Reference Data

- Bloomberg
- EuroMoney Tradedata
- Exchange Data International (EDI)
- LSEG: Refinitiv
- ICE
- IHS Markit
- Nasdaq



Three Takeaways

New Crypto eco-system represent a source of future data growth

Intuitional flow and crypto data volumes will continue to grow

The current data eco-system has challengers.

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