**CURRENT INDEXES**

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| Index Name | Url | Methodology |
| Bloomberg Galaxy Crypto Index | <https://goo.gl/m3gxd6> | <https://goo.gl/As3xDq> |
| The Morgan Creek Bitwise Digital Asset Index | <https://www.digitalassetindexfund.com/> | <https://goo.gl/PCivW6> (download) |
| Bitwise Crypto Indexes | <https://goo.gl/v428PH> | <https://goo.gl/v428PH> |
| CCi30 | <https://cci30.com/> | <https://cci30.com/> |
| TheCrix | <http://thecrix.de/> | <http://thecrix.de/> |

1. **Bloomberg Galaxy Crypto Index :** Bloomberg and Galaxy Digital Capital Management have launched the Bloomberg Galaxy Crypto Index (BGCI). The index is designed to measure the performance of the largest cryptocurrencies traded in USD. The BGCI is market capitalization-weighted and includes cryptocurrencies such as Bitcoin, Ethereum, Monero, Ripple and Zcash. The index constituents are diversified across different categories of digital assets, including stores of value, mediums of exchange, smart contract protocols and privacy assets.
2. **The Morgan Creek Bitwise Digital Asset Index ( Anthony Pompliano):** The index is designed specifically as an investable benchmark,with rules around liquidity, custody, and other investability factors built in from the start, as well as screens designed to exclude coins with high degrees of centralized ownership.
3. **Bitwise Crypto Indexes:** Free Float Metodology:Indexes are designed in all aspects to be investable and replicable; as such, they will take into account measures surrounding liquidity, capital controls, exchange stability, custody limitations, and other factors in a rules-based manner.
4. **CCi30:** The CCi30 is a rules-based index designed to objectively measure the overall growth, daily and long-term movement of the blockchain sector. It does so by tracking the 30 largest cryptocurrencies by market capitalization. It serves as a tool for passive investors to participate in this asset class, and as an industry benchmark for investment managers.
5. **TheCrix:** It may happen, that a crypto has a high market capitalization, but if it is not traded frequently. Two measures are applied which are modified versions of the liquidity rules from the STOXX Japan 600 and the AEX Family
6. **Other Indexes:** Coinmarketcap, World Coin Index, CoingeCko etc…

**Commento.**I sopracitati indici sono stati selezionati tra i vari indici, reperibili online, che abbiamo come minimo delle caratteristiche di nostro interesse e che siano utilizzati da fondi speculativi, eccezion fatta per TheCrix.   
I Principali indici di riferimento per i nostri scopi sono **Bloomberg Galaxy Crypto Index** e **The Morgan Creek Bitwise Digital Asset Index.** L’indice di BitWise per quanto simile al The Morgan Creek Bitwise Digital Asset Index, differisce per alcune caratteristiche, mentre CCi30 e The Crix sono interessanti poichè mostrano esplicitamente le formule per il calcolo matematico e potrebbero essere d’aiuto.   
Gli altri Indici li ho messi tanto per variare e vedere che altri indici ci sono, ma che assolutamente non ci interessano perché utilizzano esclusivamente il market cap.  
  
**Aspetti Interessanti:**1) Gli assets inseriti all’interno degli indici 1, 2, 3 sono stati selezionati seguendo caratteristiche analitiche (marketcap, liquidità etc) e caratteristiche come decentralizzazione della moneta, sicurezza etc. In poche parole non ci si limita ad osservare semplicemente l’andamento del cryptoassets, ma si fa uno studio a 360° di esso.

2) Per quanto riguarda gli indici 1,2 e 3, un board selezionato si riunisce una volta al mese per controllare i dati e prendere decisioni riguardanti in modo particolare: ricalibrare indice, includere o escludere assets .

3) Gli indici attualmente in circolazioni sono pochi e spesso simili tra di loro, si intravedono diverse opportunità di implementazione e migliorie che potrebbero essere apportate.

**EXCHANGE & API**

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|  | Name | Url | API Url |
| CME | Bitstamp | <https://www.bitstamp.net/> | <https://www.bitstamp.net/api/> |
| CME | CoinBase | <https://www.coinbase.com/> | <https://developers.coinbase.com/> |
| CME | itBit | <https://www.itbit.com/> | <https://www.itbit.com/api> |
| CME | Kraken | <https://www.kraken.com> | <https://goo.gl/uhjEj5> |
| CBOE | Gemini Exchange | <https://gemini.com/> | <https://docs.gemini.com/rest-api/> |
|  | The Rock Trading | <https://www.therocktrading.com/> | <https://api.therocktrading.com/doc/> |

1. Sono Selezionati tra gli Exchange di riferimento per i Futures CME e CBOE, ai quali è stato aggiunto The Rock Trading, l’exchange più longevo al mondo ed Italiano.
2. In futuro sarà necessario specificare i criteri per i quali sono stati scelti questi exchange. Al link seguente troverete i criteri usati da CME per scegliere i priri exchange di riferimento :<https://www.cmegroup.com/education/constituent-exchanges-criteria.html> ;