

# Cryptocurrency Market Indexes and Data Solutions

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CRYPTOCURRENCY MARKET INDEXES AND DATA SOLUTIONS					
GITHUB.COM/CRYXINDEX/CRYX					
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### 1.1 Introduction

Human nature has always been striving to seek new innovative ways to redefine its designated economic system. The appearance of blockchain and its first digital currency - the bitcoin - was merely viewed as a pebble in the pond when it was first conceptualized by Satoshi Nakamoto in 2008. One can only agree that it was the case for some times, no major centralized instructions were even considering its existence, and its impact on the real market was doubtful at best. Less than a decade later, bitcoin and other cryptocurrencies that kept on emerging one after another have managed to make themselves slowly recognized by the public. This is still the early ages of decentralized power but it is important to understand that it is happening. The cryptocurrency market is now booming after few years of slow development, reaching its all-time high 100 billion USD market capitalization in July 2017 from 10 billion USD one year ago at the same period. The amount of digital currencies and digital assets in circulation is surging and the traded volumes have yet never been so high than the past couple of months. While the optimist would only acknowledge this trend as investors and users taking a liking to all the proposed initiatives, blockchains and brilliant projects arising from various companies, the pragmatic would seek to analyze these changes with a wide open mind.

Major financial newspapers and institutions are now getting slowly but surely interested in the blockchain and the cryptocurrencies. The blockchain will be the tool to adapt to the future economy; all the major actors are starting their own lab or looking for partners, that's the case for example with the Consultancy company Deloitte Joining the Blockchain Consortiums Ethereum Alliance. While blockchain itself is yet to gain recognition, the cryptocurrency market is not only booming because investors and users believe in the project or in the proper use of these assets. Like with any items that humans value, they deface their true meaning to see it as a potential speculative investment.

In the modern society, investors are not only looking for performance from their investments, they also want to understand if the decisions they took are meaningful and if the strategies they applied are actually better than passive investments. Why would you be bothered by such a statement as long as your investment is giving comfort that you are earning money? As an individual investor, this might not matter so much - and this is even debatable - but if you were to invest your money in a fund via an asset manager or any kind of financial company, you would be willing to earn more than you would by simply following the market by yourself. In the finance industry you do not only want to obtain performance, you want to be sure that it is better than your peers, your competitors, and particularly better than the market. How could you face the

investors from your hedge fund if your positive annual returns were in fact lower than investing solely on the S&P500 stocks without applying any strategy to this model? Investors would inevitably withdraw their funds, they are paying you for better returns, not for good returns.

These indicators of performance are generally known by Indexes or Benchmarks, provided by a number of different institutions such a S&P, MSCI, FTSE Russell, etc... They are used by investors, asset managers, hedge funds, pension funds, etc... to prove that what they offer is better than just investing passively in the market. These indexes have been created across all asset classes and financial instruments to determine how well or how bad a portfolio or a fund is performing in comparison to the market. This is a crucial element to determine true performance from an investor perspective.

Nonetheless, with the growing amount of cryptocurrencies recently surging in the cryptocurrency market, it is surprising that common index providers still have not reacted to offer Indexes that represent the cryptocurrency market like the STOXX Europe 600 would do for the European stocks as an example. A new kind of asset of great public interest has arisen and the necessity to create market-representative indexes seemed necessary.

### 1.2 Mission Statement

Our mission is to support investors via benchmarking and data solutions to help them have an accurate view of the cryptocurrency market environment so that they can manage and build better portfolios

The CRyptocurrency indeX (i.e. CRYX) is a benchmark defining best how the cryptocurrency market evolved through time and how it is looking at a precise point in time or across a defined period. Our purpose is to provide a wide range of indexes (so called the "CRYX Series") applied to the cryptocurrency market and help investors in their investment decisions. The aim of these indexes is purely to give investors a comparison point between how they managed their investments against a market-neutral strategy. The "CRYX Series" are by no mean an advice to investor nor a guide for future performance. We propose a methodology that quickly react to market changes and therefore enables us to better represent the cryptocurrency market. Indeed, the cryptocurrency market has a number of particular characteristics such as a high standard deviation of prices, volume volatility and a high number of new entries hitting the market regularly. That's why, in order to build market-representative indexes, we have built a specific methodology.

### 1.3 Core Objectives

### 1.3.1 Providing Various Ranges of Indexes and Data

Our choice is to initially offer three ranges of indexes, each having different calculation methods (i.e. Capweighted, Equal-weighted, Exponential flattening - FLEX) with a fixed number of cryptocurrencies. After thoroughly analyzing the current market space, we have decided on the most relevant numbers of index constituents being 5, 10, 25, 50, and 100. This is what our initial offering will be at first, but as time passes and the market shifts one way or another, we will endeavor to meet client appetite for newer ranges of indexes and even customized solutions. The reallocation of the constituents will be on a daily basis in order to better react to the dynamic market changes. This reallocation takes in consideration the market capitalization and the liquidity of every cryptocurrency.

We have chosen to provide different calculation methods for each of our indexes in order to provide index adapted to different portfolio strategies. Our initial three ranges of indexes will support every user in their choice to find the most relevant index to use as a benchmark for their strategies.

We are also willing to produce "customized indexes" for investors that have very particular needs that cannot be satisfied with our current offering at any point in time.



### 1.3.2 Developing a Strong Community

The main objective of our platform will be to provide data and a number of analyses, however building a strong community is also substantial in our project. We believe that CRYX's community development is essential in the entire development of the CRYX Project.

CRYX community has a vocation to allow members to share with their peers and have access to new services, via a unique profile.

The community's forum will allow you to discuss and debate with every member of the CRYX community on specific topics related to the cryptocurrency market.

### 1.3.3 Creating Analytic Tools

The CRYX forum will give the possibility to its members to upload their diverse analyses; nonetheless, the CRYX staff aims to also provide their quantitative analyses and empirical studies via our community interface. The scope of these studies/analysis is limited to the cryptocurrency market and has no vocation to be an advice.

Our analyses will be carried out by our Research team. We would like to provide to our community some insights of the market and some updates on the current cryptocurrency market behavior. To do so, we have decided to split our Analysis division under three categories:

- Fundamental Analysis: Cryptocurrency's White Papers library + Business Model / Project analysis.
- Technical Analysis: Price and Volume Analysis trough technical indicators and graphical patterns.
- Quantitative Analysis: Analysis that aims to understand or predict behavior or events through the use of mathematical measurements and calculations, statistical modeling and research.

You will then, via a unique profile identification, be able to follow a specific Analyst profile, a specific cryptocurrency or the whole community and the entire cryptocurrency market.

### 1.3.4 Backtesting Tools and Machine Learning

The CRYX platform will also be a place where you will be able to test your investment and trading strategies. Our high-quality database will provide the necessary information to analyse market prices through a very short timescale as well as a longer time period. We will deliver a dedicated platform that will allow you for:

- Backtesting CRYX Benchmarks
- Backtesting Ad-Hoc cryptocurrency buckets with the CRYX methodology
- Backtesting Technical Indicator Strategies on a single cryptocurrency
- Machine Learning applied to price and trend forecasting



### 2.1 Index Ranges

### 2.1.1 Cap-Weighted



Figure 2.1: The logo for the CRYX Cap-Weighted Index Range

This index range will be tracking the cryptocurrency market based on each individual market capitalization. The major currencies will have larger impact on the performance returns than assets with lower market capitalization.

The Cap-Weighted index range will be particularly useful for investors who want to compare their portfolio against the real shape of the cryptocurrency market. It can be also used to support asset-allocation, research and performance measurements.



Figure 2.2: Graph depicting the CRYX Cap-Weighted Index Range using the CRYX5 (starting from 2015-01 to 2017-09)

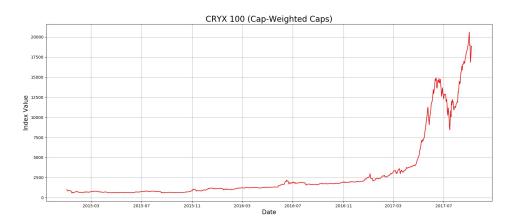


Figure 2.3: Graph depicting the CRYX Cap-Weighted Index Range using the CRYX100 (starting from 2015-01 to 2017-09)

### 2.1.2 Equal-Weighted



Figure 2.4: The logo for the CRYX Equal-Weighted Index Range

This index range offers an alternative from the Market Capitalization range of indexes. The Equal-Weighted index range is purposely erasing the market capitalization factor from each asset in order to achieve a simple



goal – all the assets weights are equal.

All the cryptocurrencies will be represented with equal weights is order to avoid concentration of a portfolio into the largest.

The Equal-Weighted index range is the perfect definition of the well-known idiom "Don't put all your eggs in one basket". The aim is to limit your exposure to the highest cryptocurrencies and by equalizing your holdings investors are expecting their performance to not be only driven by the main cryptocurrencies.

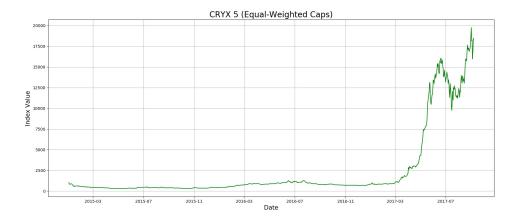


Figure 2.5: Graph depicting the CRYX Equal-Weighted Index Range using the CRYX5 (starting from 2015-01 to 2017-09)

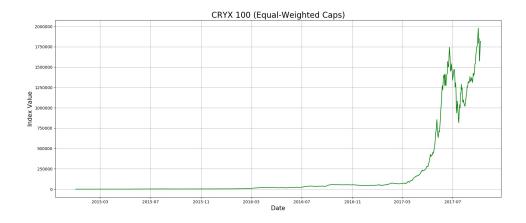


Figure 2.6: Graph depicting the CRYX Equal-Weighted Index Range using the CRYX100 (starting from 2015-01 to 2017-09)





Figure 2.7: The logo for the FLEX Index Range

This third index range is a new and more experimental kind of benchmark. FLEX stands for "EXponential FLattening". We have developed our own method to calculate an index that is not purely driven by market capitalization but is neither fully equalized.

This is an intermediary between both previous methods which still take into consideration the market capitalization and the ranking of every cryptocurrency, but it also reduces their standard deviation in order to give more weights to cryptocurrencies which could be irrelevant otherwise.

The FLEX range benefits from both the Cap- and Equal-Weighted ranges. It suits perfectly for those that do not want the top cryptocurrencies such as Bitcoin and Ethereum to drive all their portfolio returns, but also do not believe that much smaller cryptocurrencies should be considered as equally significant.

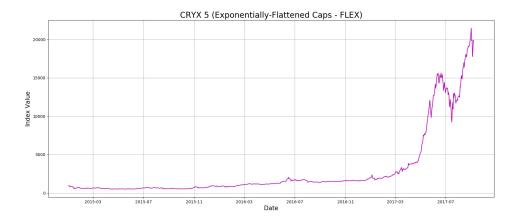


Figure 2.8: Graph depicting the CRYX Exponentially-Flattened FLEX Index Range using the CRYX5 (starting from 2015-01 to 2017-09)



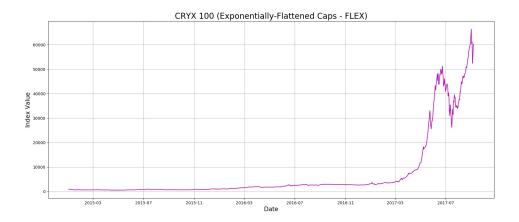


Figure 2.9: Graph depicting the CRYX Exponentially-Flattened FLEX Index Range using the CRYX100 (starting from 2015-01 to 2017-09)

### 2.1.4 A Comparison Between the Three Ranges of Index

Below are depicted the three different ranges of Index in order to thoroughly inspect the variations between them.

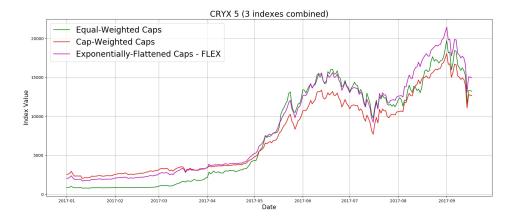


Figure 2.10: Graph depicting the three different ranges of Index using the CRYX5 (starting from 2015-01 to 2017-09)



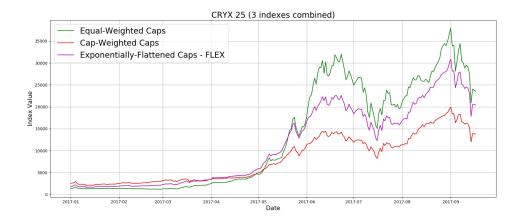


Figure 2.11: Graph depicting the three different ranges of Index using the CRYX25 (starting from 2015-01 to 2017-09)

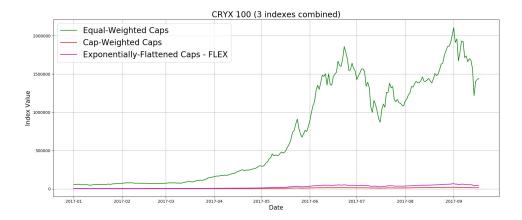


Figure 2.12: Graph depicting the three different ranges of Index using the CRYX100 (starting from 2015-01 to 2017-09)



### 2.2 Methodology

This description outlines the indexes objectives and details the methodology developed to create and maintain the CRYX Indexes. It provides an exhaustive description of the rules and guidelines for maintaining and construction the market indexes. In cases which are not expressly covered by the rules detailed hereafter, operational adjustments will take place along the lines of the aim of the index. Operational adjustments may also take place if, in the opinion of the CRYX management committee, it is desirable to do so to maintain a fair and orderly market.

### 2.2.1 Calculation of the Price Indexes

The indexes are calculated on a price return basis. The calculation is based on the components' prices multiplied by weighting factors divided by the divisor.

### 2.2.2 Currency Conversion

The base currency of all the indexes is US Dollars. Cryptocurrency prices that are quoted in other currencies than the base currency will be converted to the base currency using the last known exchange rate observed on www.xe.com

### 2.2.3 Definition of the Eligible Securities and Selection Principles

We define the universe for all the CRYX indexes by all the cryptocurrencies available online for trading. The constituents of the indexes are selected in a two steps process. They must first satisfy a liquidity requirement, i.e. the percentage of market capitalization exchanged during the last calendar year must be greater than a fixed threshold. For the cryptocurrencies satisfying this condition, the ones having the biggest market capitalization in base currency are chosen as constituents of the indexes.

The cryptocurrencies satisfying the liquidity and market capitalization requirements define the constituents.

### 2.2.4 Update Frequency

All the indexes constituents are updated every day at 5pm GMT and the indexes values are recalculated with a periodicity of 5 minutes. We define the period as this duration.

### 2.2.5 Indexes Types, Construction and Number of Constituents

We calculate indexes with 5, 10, 25, 50 and 100 constituents.

The liquidity threshold for CRYX 5/10/25/50/100 is set at 5%. The calculated indexes fall into 3 categories:

### • Equal-Weighted Indexes:

The index describes the return of a fictive portfolio invested in the constituents with equal weights affected to its assets and rebalanced at each period with no transaction cost.

For an index constructed on a number of N assets, the weight  $w_i$  of each asset is:

$$\forall i \in [1,N], w_i = \frac{1}{N}$$

The equal weighted indexes reflect the cryptocurrency market but do not make any distinctions between the individual currencies and their relative importance in terms of market capitalization. In order to account for these differences in capitalization, we propose the construction of asset weighted indexes detailed below.

### • Cap-Weighted Indexes:

The index describes the return of a fictive portfolio invested in the constituents where the weight of each asset is equal to the weight of the asset's market capitalization in the restricted universe. For an index constructed on N assets, we define the index capitalization as:

$$M = \sum_{i=1}^{N} M_i$$



where  $M_i$  is the global capitalization of asset i.

Therefore, the weight  $w_i$  of each asset is:

$$\forall i \in [1, N],$$
 
$$w_i = \frac{M_i}{M}$$

The asset weighted indexes are a reflection of the cryptocurrency market, but given the extreme popularity of a small number of coins, their variations are mainly driven by the top few elements.

As of the end of August 2017, the Bitcoin market capitalization alone accounted for more than 51% of the total cryptocurrencies capitalization.

To address this issue we propose the exponentially flattened indexes detailed below.

### • Exponentially-Flattened Indexes (FLEX):

The index describes the return of a fictive portfolio invested in the constituents where the weight of each asset is the rescaled asset weight on which is applied an exponential factor. Let us define:

$$P_{min} = 0.45, P_{max} = 0.50$$

The exponential factor is calculated as follow:

$$\forall i \in [1, N],$$

$$e_i = \frac{P_{min} - P_{max}}{N - 1} i + \frac{N * P_{max} - P_{min}}{N - 1}$$

We then define the scaling factor as:

$$S = \sum_{i=1}^{N} \left( \frac{M_i}{M} \right)^{e_i}$$

The FLEX weight  $w_i$  of each asset is then:

$$\forall i \in [1, N],$$

$$w_i = \frac{\binom{M_i}{M}^{e_i}}{S} = \frac{\binom{M_i}{M}^{e_i}}{\sum_{i=1}^{N} \binom{M_i}{M}^{e_i}}$$

This weights calculation method allows the construction of an index in which the weight of each asset is proportional to the asset's market capitalization.

As it can be seen on the Figure below, the use of exponential factors reduces the individual contribution of the biggest currencies, and increases the contribution of the smallest ones.



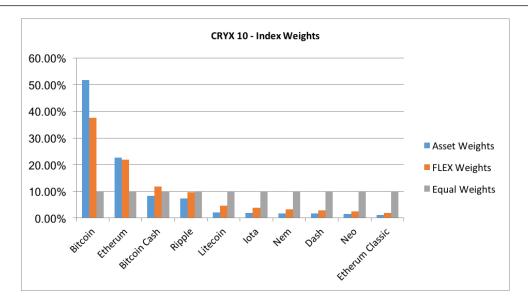


Figure 2.13: CRYX 10 Weights (data as of 24/08/2017)

The resulting index still accounts for the differences in market capitalization between the currencies, but is not as dependent on a few outliers as an asset weighted index.

### 2.2.6 Indexes Variations from One Period to the Next

Once the weights are calculated using the methods described earlier, the variations of the indexes are calculated as a weighting average of the returns of the underlying assets over the last period.



### 3.1 Alpha Platform

The Alpha Platform will provide access to all the necessary information about the CRYX project and its Token. Our white paper is available as well as information about the team and our advancement in the project.

The first aim of our project being the implementation of Cryptocurrency Indexes, platform Alpha will provide an access to our Indexes under the form of line graphs and performance returns tables. By selecting the weighting methodology and the number of constituents, users will have an overview of the requested market.

Our choice is to initially offer three ranges of indexes, each having different calculation methods (i.e. Cap-Weighted, Equal-Weighted, EXponential Flattening - FLEX) with a fixed number of cryptocurrencies for each index. After thoroughly analysing the current market space, we decided the most relevant numbers of index constituents would be 5, 10, 25, 50 and 100.

Testing our Alpha platform and our range of indexes will be free, however we will display only a limited number of data initially and focus on developing our Beta platform that shall contain more information.

### 3.2 Beta Platform

The Beta Platform will provide additional services and is targeted to be launched before the end of 2017:

- Enhancing our ranges of indexes with continual development to fulfill user needs. Allowing more data to be reviewed and manipulated for better comparison purposes. We are also willing to produce "customized index" for users that have very particular needs that cannot be satisfied with our standard offering at any point in time.
- Development of a backtesting tool allowing users to backtest performance of their cryptocurrency strategies. Users will also be able to use some technical indicators and set various parameters to compare how well their investment strategy are performing.
- We aim to provide a large range of analysis under different sections: Fundamental analysis of tokens

and cryptocurrency projects, technical and graphical analysis of cryptocurrencies and tokens prices, quantitative analysis of price movement behaviours.

- A dynamic area will be launched to allow the community to discuss and debate on cryptocurrency-related topic. Every topic can be linked to a specific kind of analysis. Users will be able to post their own reviews, analyses and comments easily.
- Development of a Machine Learning tool applied for Price Forecasting The Beta platform will also have a free-to-test access for all the interested users, nevertheless a premium subscription (buy via CRYX Token) will be necessary in the future to enable further functionalities to be unlocked:
  - Receive Index data under an exploitable format, with selected granularity
  - Receive the constituent list of an index



# ethereum Blockchain?

The CRYX Token will be launched on one of the most cutting edge and popular blockchain network. Ethereum is the new generation of blockchain protocol with its advanced smart contracts capability. This is a secure, transparent, automated and uncensored platform which is available worldwide. It completely removes counterparty risk and unnecessary intermediaries.

Ethereum has become very popular among the blockchain industry, especially the past year. A large number of institutions, organisations and mostly brand new start-ups have decided to link their fate with the platform. This contributes in increasing visibility of the blockchain technology on the market as well as showing strong interested in the potential it has for the future.

Given our main products will be based on the cryptocurrency market and following the evolution of the blockchain-based economy, we thought it was a great opportunity for us to start our company by following the current momentum around token reward based crowdfunding campaign and launch our own Token crowdsale. This became the obvious choice for the whole team as soon as we asked ourselves this question.



### 5.1 Token Crowdsale

Start Date:

October 9, 2017 at 12:01AM GMT

End Date:

November 5, 2017 at 11:59PM GMT

CCX Tokens issued:

 $50\ 000\ 000 - 50\ Million$ 

Token Exchange Rate:

1 ETH = 300 CCX

### **5.2** Discount Rate for Early Supporters

First Week	30%	1 ETH = 390 CCX
Second Week	20%	1 ETH = 360 CCX
Third Week	10%	1 ETH = 330 CCX
Last Week	0%	1 ETH = 300 CCX

### 5.3 Minimum Amount to Participate

Participants are required to contribute a minimum amount of 0.01 ETH to participate.

### **5.4** Burn

The remaining pool of CCX tokens that has been issued but not distributed to supporters will be burned upon ending of the token crowdsale. This means that the remaining supply will be effectively destroyed and not kept by any parties upon completion of the token crowdsale.

### 5.5 US Participation

The Securities and Exchange Commission recently made a filing that most coins need to be registered as a commodity to run an ICO for US citizens. We strongly believe the CCX should be following the exception rule for when the token / coin has a purpose as part of a platform or system but given the loose legislation still surrounding this topic we'd rather exclude US participation in the Token crowdsale.

### 5.6 Refunds

There will be no refunds once the tokens have been distributed.





### 6.1 Roadmap



Figure 6.1: The Roadmap for CRYX

### **6.2** Assets Allocation

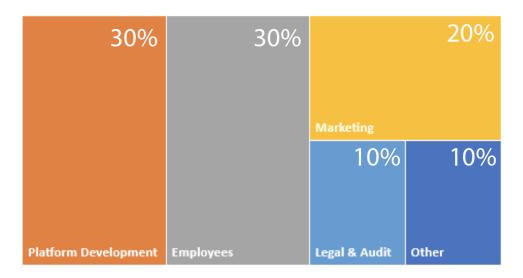


Figure 6.2: Assets Allocations

### 6.3 Legal and Audit

We are planning to hire legal advisors to ensure our service offering do not go against any law and allow us to run our business as efficiently as possible within the legislations where our activities will be taking place. It is really important for us that users have a clear understanding of the responsibilities and rights of all the parties which are involved while using our services. We also want to point out that cryptocurrencies are still fairly unregulated and we wish to keep a legal contingency fund to prepare for any unforeseen future events. It seems important as well to focus on the quality and process controls. We shall reach out to external auditors to enhance our internal control and clarify the requirements on certain business areas.

### 6.4 Platform Development

The main focus will be toward our online platform. Resources will be allocated to improve the infrastructure and the maintenance costs, as much as any further costs which would enhance the performance and quality of the services offered. We will endeavour to develop, test and upgrade our online platform as much as possible and frequently as required in order to meet user's needs. The first steps will be to implement all our Indexes Data, focus on the community section and release the back testing toolkit. We will welcome any advises and criticisms as long as it helps us provide the best services on the market to our community. This will be the most visible part of our business and it will show the hard work and efforts we put together to build the tool we have been planning as a team for many months.

### 6.5 Employees

As our business grows, we shall need to hire new talents to oversee particular areas of our activities. We want to ensure the best quality of services to our users and we believe that new members will be able to bring new ideas, new skills and create more possibilities for the future. Future staff members will primarily consist of information technology professionals that will cover various business areas.



### 6.6 Business Development and Marketing

Alongside our long-term platform development, we believe it is a necessity for us to devote part of our early activity to making our project and services known to the public. It is essential for us to build a strong community to support our effort and therefore we will spend a subsequent amount of time contacting pertinent cryptocurrency stakeholders and forming relationships with other partners to ascertain our brand and products visibility.





Be aware that this White Paper is for information only. Neo Capital Management Ltd "The Company" does not guarantee the contents described within this document and all the actions and items that are stated to be taken place in a near future are solely to be put in place on a best effort basis, they may or may not happen in due time or at all. The CRYX Team will obviously do its best attain its objectives and deliver the amazing products and tools we are explaining through this document, but it is fair to say that the success of this project is heavily dependent on external parties and stakeholders.

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The company and the CRYX Team will endeavor to abide by the laws set worth in its business environment and the countries where they will operate. Our Legal entity whose purpose is to offer information services is already registered with the required regulatory institutions. We will gladly collaborate and response to any inquiries from any regulatory entities would such requests be addressed to us in the future.

### 7.1 TOKEN Legal Observations

CCX tokens are ERC-20 tokens developed on the Ethereum blockchain. CCX are designed to be used within the CRYX Platform upon its launch and may or may not give users premium accesses to services and data. CCX tokens are not securities. CCX tokens are not for speculative investment. CCX tokens are non-refundable. CCX tokens are not considered as any participations of any type in the company and these tokens hold no rights in the said company. No promises of future value or performance are or will be made with respect to CCX tokens, including but not limited to no promise of inherent value, no promise of continuing payments, no promise of future use, and no guarantee that CCX tokens will hold any specific value. CCX tokens are sold as functional utility tokens which could considered as vouchers usable on the CRYX Platform in the event of completion and launch of the said online platform. All the proceeds received by the company shall be spent as deemed necessary without any restrictive conditions.

### 7.2 Data Provider Legal Concerns

The Index data and all kind of data readily available on the CRYX website and web platform will be defined as "Data". The Data is for your personal and informational purposes only, and the user of the information contained in the Data assumes the entire risk of any use made of the Data. You understand and agree that the Data is provided "as is" and Neo Capital management Ltd, "the company" does not warrant the accuracy, completeness, non-infringement, originality, timeliness or any other characteristic of the Data. The company cannot be held liable for any damages resulting from the use of or the inability to use the website or its content and links. The company cannot be held responsible for the accessibility of this website in certain countries and regions or for the compliance of the information or materials provided here with the laws or customs in countries outside the United Kingdom. You access this information at your own risk and are thus personally and fully responsible for complying with the locally applicable laws.

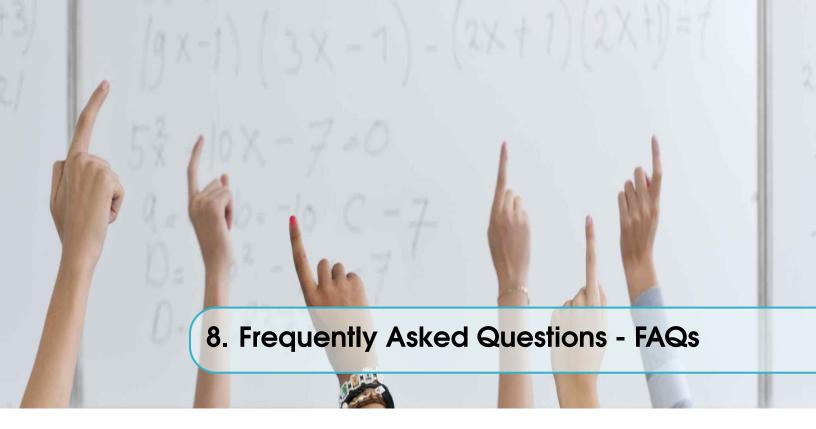
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### 1) What Is The CCX Token?

A cryptocurrency that has been privately issued on the Ethereum blockchain.

### 2) What Are The CCX Tokens Used For?

To unlock features on our soon coming Data Analytics platform to allow users to manipulate data, to test investment scenari and to forecast prices.

### 3) How Do CCX Tokens Work?

CCX Tokens will be on the crowdsale between October 1st 2017 00:00AM GMT and October 28th 2017 23:59PM GMT – unless the total supply has been distributed earlier, then the crowdsale would end at this specific time. People will give us Ethereum and we will give them CCX Tokens in exchange.

Fund raised through this collective effort will be invested in the platform and the team to develop our final product highlighted on our whitepaper.

### 4) Can I Sell My CCX Tokens?

CCX Token holders may choose to sell their coins on the market at any time they wish.

### 5) Will People Trade CCX Tokens?

It is very likely that people will trade their CCX Tokens.

While a certain quantity of CCX Tokens will be spent on our platform by users, anyone is free to buy and sell CCX Tokens on markets at whatever price is available without our input or consent.

### 6) What Happens If You Don't Sell All The Coins During the Token Crowdsale?

Any coins that are left unsold will be immediately and publicly burned when the crowdfunding period closes.

### 7) Can I Get a Refund?

Unfortunately the block chain is designed as a one-way transaction model. Once you participate on the Tokens crowdsale you will receive CCX Tokens for your contribution paid in Ethereum. There will be no refund.

### 8) Can You Actually Make Use Of All The Money You Raise?

Yes. The service and quality level will be more than likely linked to how much we raise. We will also focus on the community and advertising for people to join us, and this will be easier as we raise more funds. We have currently defined a flexible business model.





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# Cryptocurrency Market Indexes and Data Solutions

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