



Huobi Research Weekly (Vol.20)

2018/7/23

Abstract

Market cap and transaction volume of cryptocurrencies generally increased this week, with 88 of the top 100 cryptocurrencies increased to varying degrees. On July 23th, the total market cap of the TOP100 cryptocurrencies increased to 269.96 billion dollars, a 12.70% increase from last week. 3 Cryptocurrency projects entered the top 100 this week. On July 23, Bitcoin's price was at \$7426.22, up 17.94% from last week, and Ethereum price was at \$463.78, up 5.75%. **HB10's price increased by 8.48% this week.**

Average number of unconfirmed transactions per block and average block size on Bitcoin both decreased. For Ethereum, both average number of unconfirmed transactions per block and average block size increased. Average number of unconfirmed transaction in Ethereum increased by 26.77%. Bitcoin's transaction fees slightly increased, and Ethereum's transaction fees greatly decreased. The 7-day average of unconfirmed transactions for Bitcoin and Ethereum are 2856 and 52959, respectively. Bitcoin's Hashrate increased by 13.13% and Ethereum's decreased by 1%. The average transaction fees on the Bitcoin and Ethereum network this week were \$0.66 and \$0.252, increasing 9.63% and decreasing 92.7% respectively. Total number of addresses on the Bitcoin and Ethereum network reached 26.54 million and 41.58 million, respectively.

ZSC was the most active project on GitHub this week, with 189 commits submitted in the past week. Mainframe was the most popular group on Telegram. In terms of community activity, Bitcoin, Ethereum, and Ripple remained as the most popular communities on Facebook and Twitter. Opperty attracted the most fans on Telegram in the last 24 hours.

According to <Huobi Blockchain Big Data Weekly Insights>, "Bitcoin", "Bot" and "Coinbase" were the hottest words on r/CryptoCurrency this week. Among the top three search engines (Google, Baidu, WeChat), popular topics regarding Blockchain increased in popularity compared to last week.

Singapore had the most ICOs this week, with finance application projects being the most popular ICO project category. Among all 38 ICO projects, majority of them took place in Singapore. Application projects were the majority, among them finance projects account for the largest proportion. 12 investment activities took place in the Blockchain industry this week, with Nervos acquired 28million investment from Chinese institutional investors including Sequoia, the largest amount raised in this week.

Related Report

- «Focal Point 9 - Fomo3D: Angel or Devil?» 2018-7-23
- «Huobi Blockchain Big Data Insights (Vol.6)» 2018-7-20
- «Huobi Research Weekly (Vol.18)» 2018-7-11
- «Huobi Research Weekly (Vol.17)» 2018-7-4

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1. Weekly Market Review

1.1 Market overview

This week, the overall market capitalization for the TOP100 cryptocurrencies increased, with 88 projects increasing and 12 projects declining to varying degrees. According to coinmarketcap, as of July 23, 2018, the total market cap of the TOP100 cryptocurrencies was 269.963 billion U.S. dollars, an increase of 12.70% from last week. On the other hand, BCD had the largest increase of 72.15%, bringing its rank up to No.27. KIN had the second largest increase of 50.54%, and its market cap ranking rose to No.69. In addition, there were 3 projects that entered TOP100, PAY(increasing 41.22%, ranking up 21 places), NXT (increasing 22.83%, ranking up 10 places), SMART (increasing 15.26%, ranking up 9 places). The highest increase in price this week was WAX, ranking up by 17 to NO.76. The largest increase in price this week was PAY increasing by 72.33%. The largest decrease in price was BTCP, decreasing by 12.76%. As of July 23rd, 2018, Bitcoin was traded at 7426.22 USD, 17.94% higher than its price last week. Ethereum was traded at 463.78 USD, 5.75% higher than its price last week.

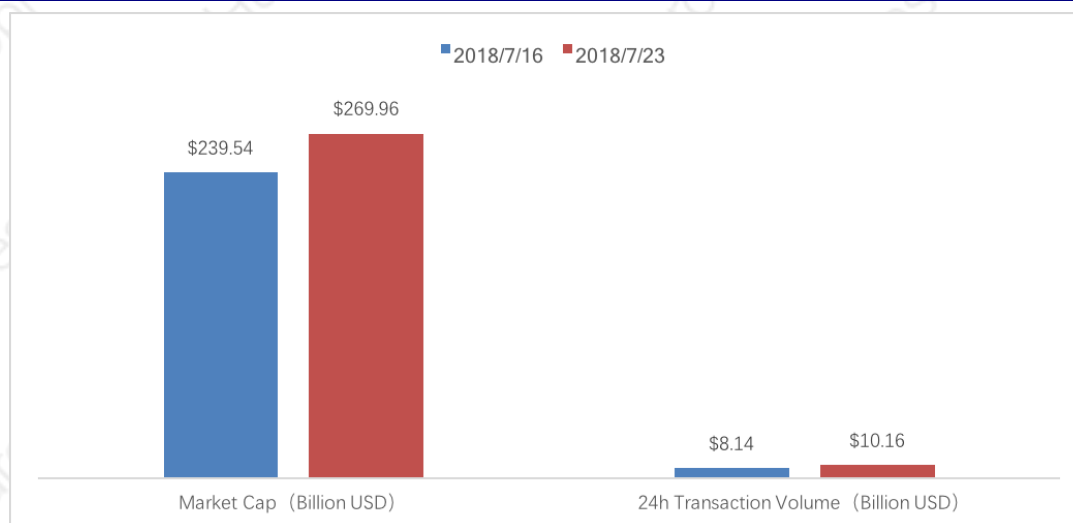
Table 1.1: Top Five Price Increases and Decreases

Symbol	Price decrease	Symbol	Price increase
BTCP	-12.76%	BCD	72.33%
ETHOS	-11.11%	KIN	50.38%
KCS	-8.31%	DOGE	45.03%
VERI	-5.81%	MOAC	41.51%
XIN	-5.66%	PAY	41.31%

Source: coinmarketcap

The overall 24h trading volume decreased this week, with a increase of 24.80% compared with last week. Overall, the 24h trading volume increased by 24.80% compared with the same period of last week. In this week, 17 projects of the TOP100 project increased by more than 100% in 24h trading volume, of which the highest was ARDR with an increase of 819.06%, followed by HSR with an increase of 304.22% compared to last week. This week, there were 26 projects that saw a decrease in trading volume. 7 projects fell more than 50%, of which the lowest was XIN, a drop of 72.57%.

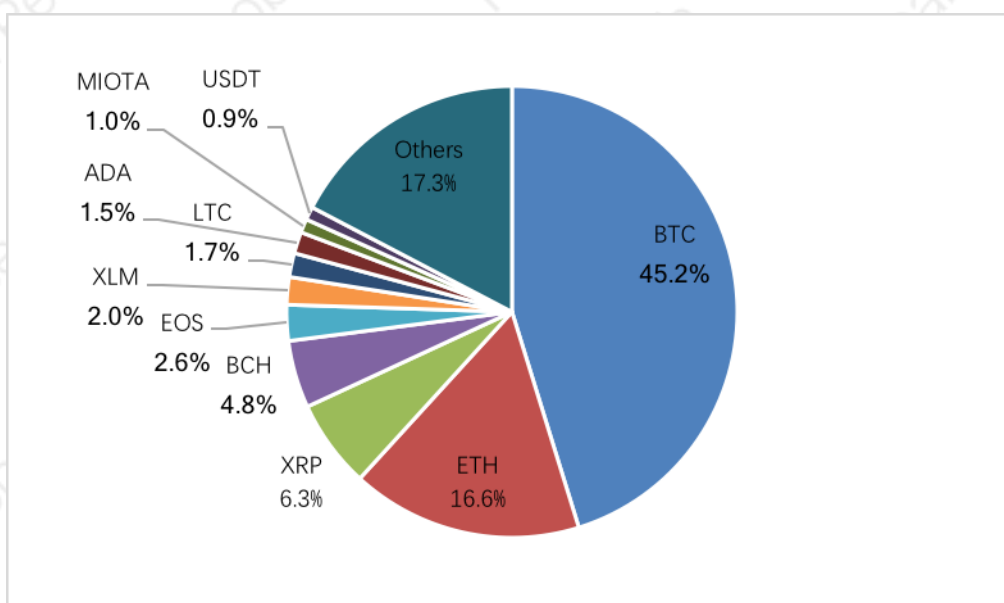
Figure 1.1: The Market cap and 24-hour Trading Volume for TOP100 cryptocurrencies



Source: coinmarketcap

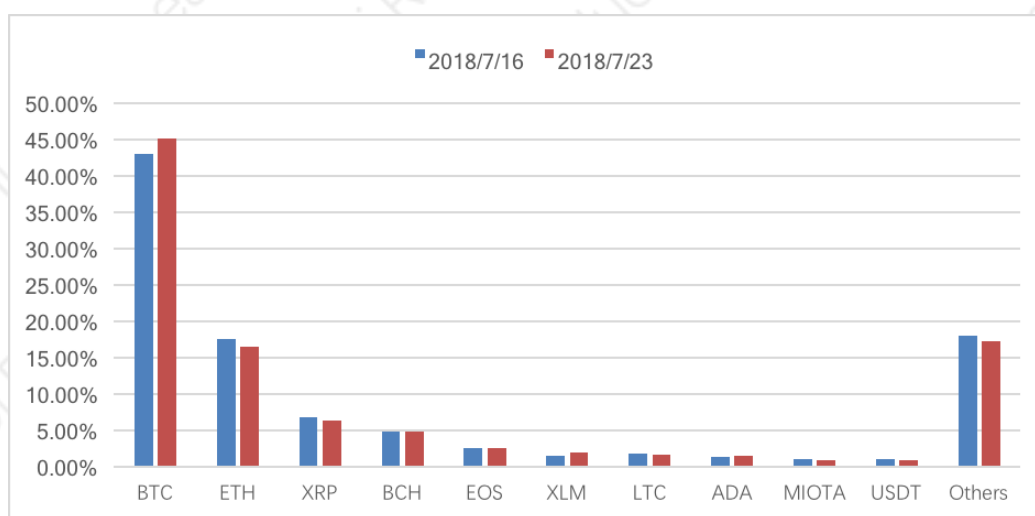
The TOP10 cryptocurrencies' market share distribution remained stable, but the 90% of market caps has increased to varying degrees. On July 23, the overall market cap of the TOP10 cryptocurrencies was 233.073 billion USD, an increase of 13.53% from last week, accounting for 82.66% of the total market capitalization of cryptocurrencies, maintaining a stable market share compared to last week. ADA's market capitalization had the largest increase of 21.94%. USDT had the largest decrease of 2.05%. BTC's market share was 45.21%, a slight increase of 2.13% compared to last week.

Figure 1.2: TOP10 Cryptocurrencies' Market Share of Total Cryptocurrencies Market



Source: coinmarketcap

Figure 1.3: TOP10 Cryptocurrencies' Market Share of Total Cryptocurrencies Market Changes

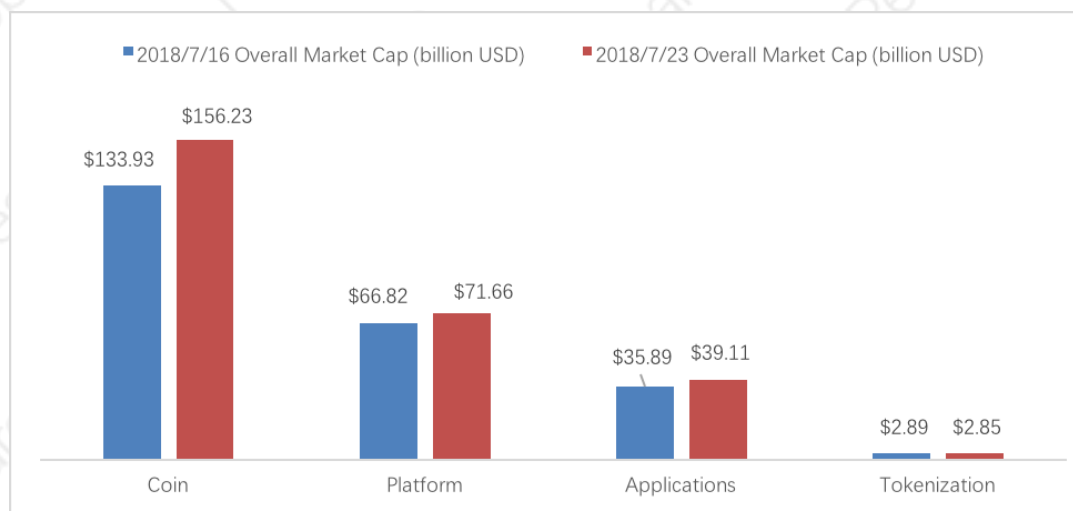


Source: coinmarketcap

1.2 Segment Analysis

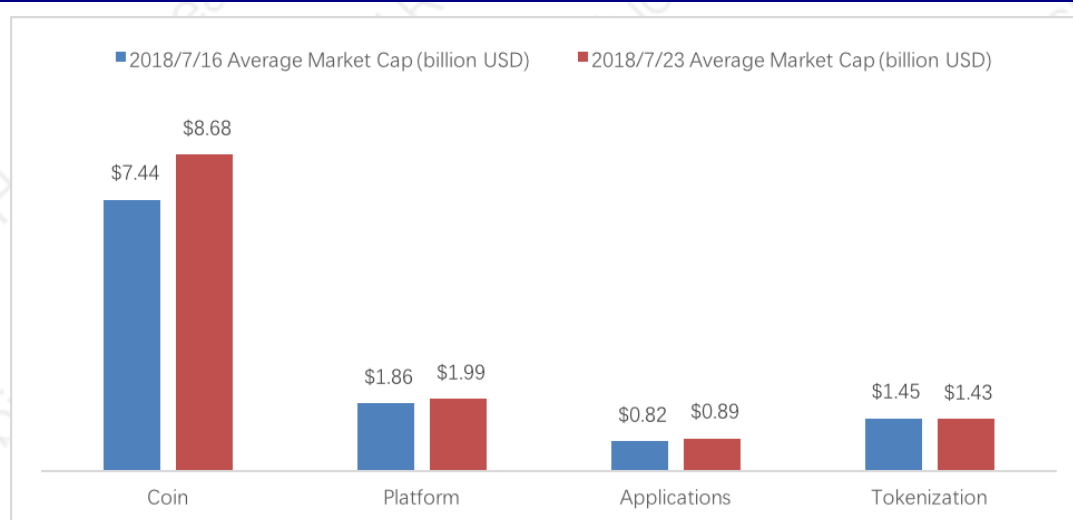
The market cap and average market cap of coin projects increased the most. As of July 23rd, 2018, the total market cap of coin class reached 156.231 billion USD, experiencing an increase of 16.65% compared to last week, which is the biggest increase among all class.

Figure 1.4: TOP100 Cryptocurrencies Market Segment Capitalization



Source: coinmarketcap

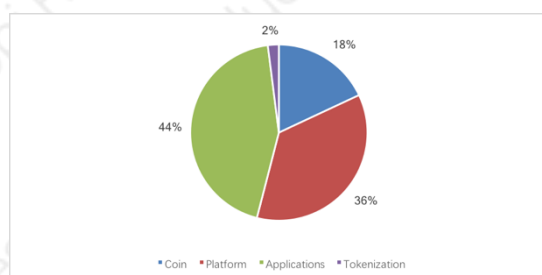
Figure 1.5: TOP100 Cryptocurrencies Segment Average Market Cap



Source: coinmarketcap

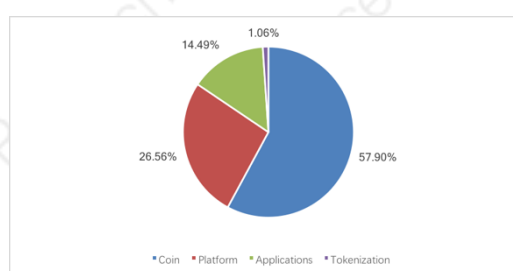
The market segment distribution of the TOP100 cryptocurrencies remained stable. As of July 23, 2018, the proportion of the market segments has remained stable among the TOP100 compared to last week. The largest overall market cap by segment is still coin projects, accounting for 57.87%, remaining stable compared to last week.

Figure 1.6: TOP100 Cryptocurrencies Segment Ratio



Source: coinmarketcap

Figure 1.7: TOP100 Cryptocurrencies Segment Market Share



Source: coinmarketcap

Note: According to the different attributes of cryptocurrencies, Huobi Research will divide them into four categories: Coin, Application, Platform and Tokenization.

Coin: The coin category refers to cryptocurrencies that aim to solve the problems of modern day fiat currencies, providing benefits like decentralization, improved safety, lower transaction fees, and faster confirmation speeds. The most popular coin cryptocurrency is Bitcoin. The value of coin cryptocurrencies lies in its ability to act as a medium of exchange.

Blockchain Platform: The Blockchain platform category refers to Blockchain projects that provide a platform upon which developers can create applications using the underlying Blockchain. Applications can utilize the platform's Blockchain without needing to create one themselves. Blockchain platform assets grant the right to use and participate in the platform.

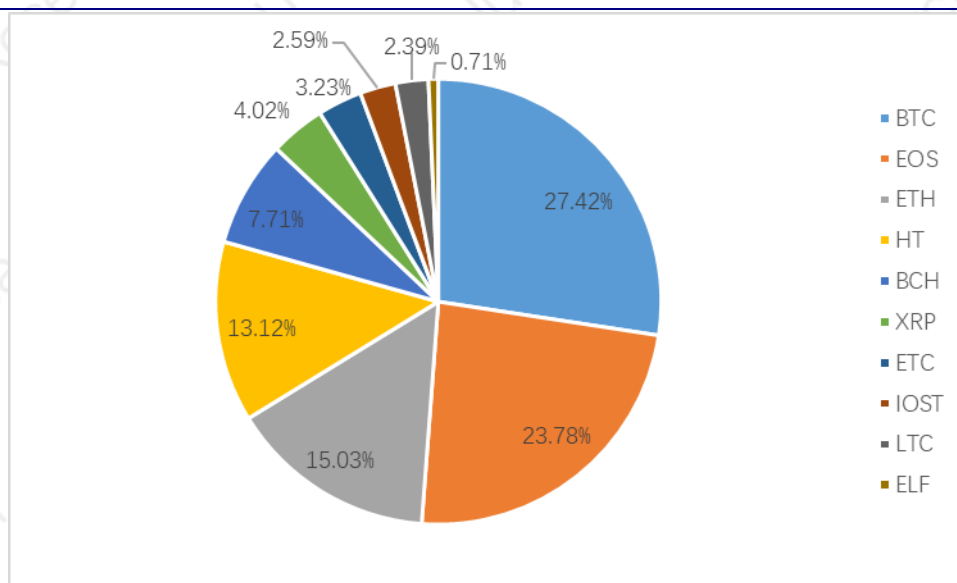
Blockchain Application: The Blockchain application category refers to Blockchain projects that have specific use cases. These could either utilize their own Blockchain, or exist on a Blockchain platform as a "dApp". Blockchain application assets grant the right to use and participate in its use cases, and its value lies in the application's ability to perform its function.

Tokenization: The tokenization category refers to Blockchain projects that is linked to actual assets like gold or USD. The most popular tokenization project is Tether. The value of a tokenization asset lies in the value of the underlying physical assets.

1.3 HB10 Index

The Huobi Power Index (HUOBI 10) rose 8.48% this week. According to the platform data of the Huobi Global Exchange, as of early morning of July 23, 2018, the index was 839.25, comparing to 773.61 at the same time last week, an increase of 8.09% in the 7-day period; the highest level was 907.65 in the middle of the week and the lowest was 789.38.

Figure 1.8: HB10 Cryptocurrencies Segment Ratio



Source: Huobi global exchange platform, Huobi Research

Note: Huobi10 is composed of 10 currencies with large scale and good liquidity in Huobi Pro, which can comprehensively reflect the overall performance of the market. The index sample space is all USDT transaction currencies for the online transaction of Huobi Pro, which is composed of three types of assets: "currency", "platform" and "application" according to the different attributes of the Blockchain assets. We calculate the weight of the constituent currency using the weight of the composite price index formula every 15 seconds.

2. Technical Statistics

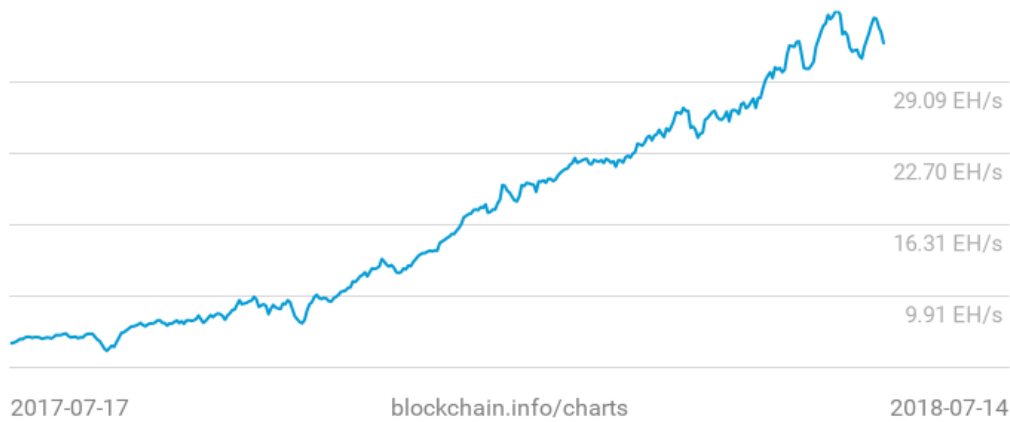
2.1 Cryptocurrency Mining Statistics

Hashrate of Bitcoin and Ethereum increased and decreased respectively this week. From July 16th to July 22nd, 2018, the average bitcoin Hashrate for the entire network reached 36.86 EH/s, an increase of 13.13% from the previous week.

Average Hashrate for the entire Ethereum network was 274.103 TH/S this week, a decrease of 1% from the previous week.

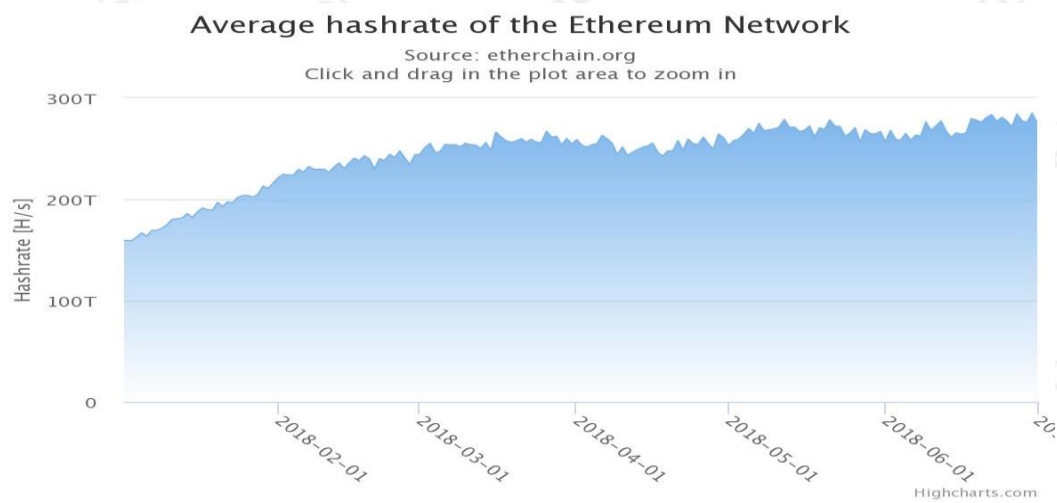
Figure 2.1: Bitcoin Hashrate Changes

Hash Rate
32.58 EH/s



Source: blockchain.info

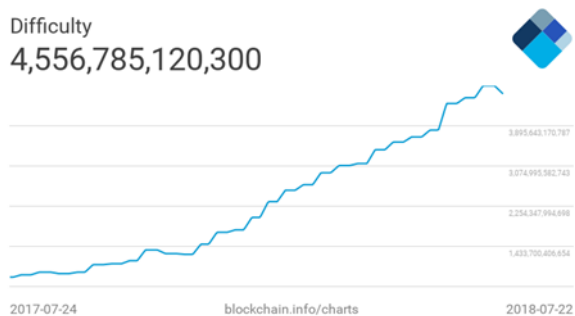
Figure 2.2: Ethereum Hashrate Changes



Source: etherchain

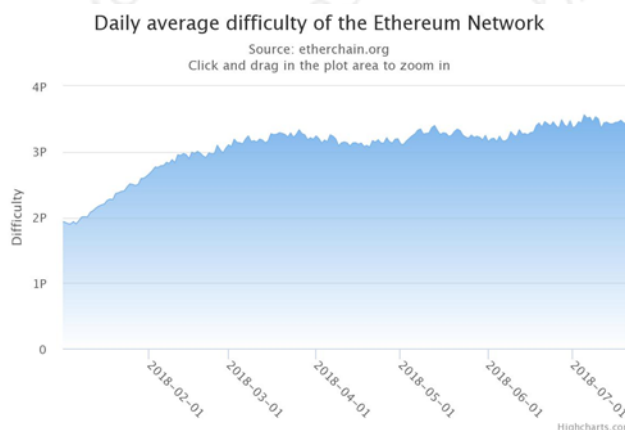
This week, the difficulty of mining in Bitcoin and Ethereum has slightly decreased. At July 23th, 2018, Average difficulty for mining Bitcoin this week was 4.56T, decreased 2.78% compared with the previous week. The average difficulty of mining Ethereum this week was 3.401P, a decrease of 1.28% compared with the previous week.

Figure 2.3: The Difficulty of Mining in Bitcoin



Source: blockchain.info

Figure 2.4: The Difficulty of Mining in Ethereum

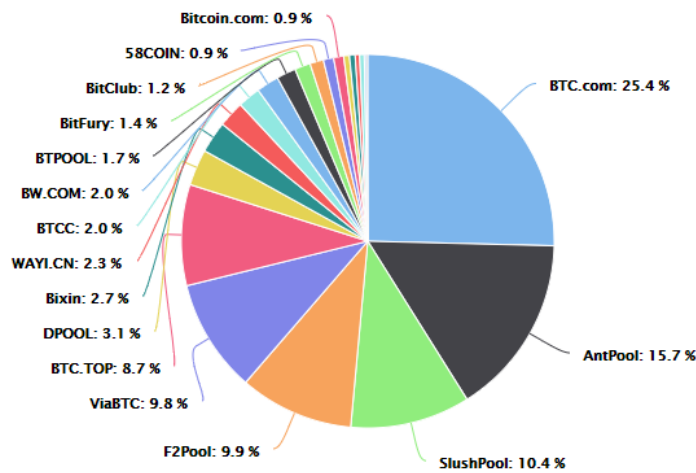


Source: etherchain

The percentage of BTC.com in the overall mining pool market slightly increased, with ViaBTC came to the second. The overall distribution of the Ethereum mining pools remained stable. From July 16th to July 22nd, 2018, Bitcoin mined 1094 blocks in the past week, an increase of 12.09% from the previous week. Among the top five pools were BTC.com, ViaBTC, AntPool, SlushPool, and BTC.TOP. Those 5 pools mined 247, 148, 133, 120 and 109 respectively, accounting for 22.58%、13.53%、12.16%、10.97% and 9.96%. The Hashrates were 9.28EH/s, 5.56EH/s, 5.00EH/s, 4.51EH/s and 4.1EH/s respectively.

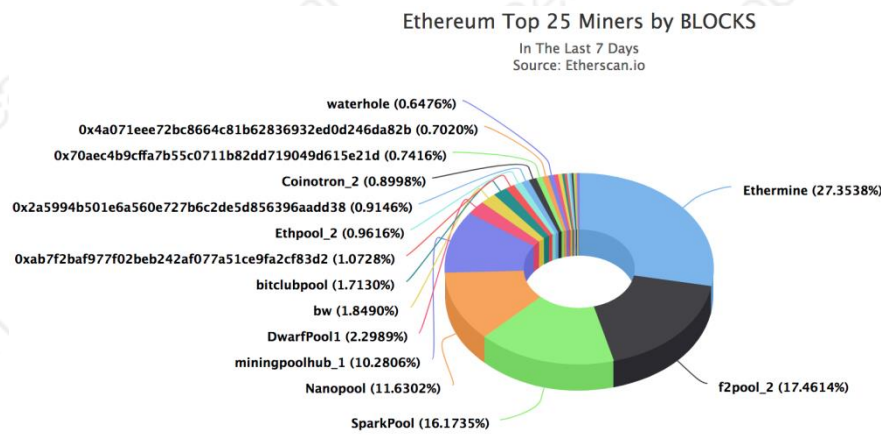
In the past week, Ethereum's entire network mined 41104 blocks, which was an increase of 1.17% from the previous week. The top five pools are Ethermine, SparkPool, f2pool_2, Nanopool, and miningpoolhub_1, which mined 11915, 6932, 5919, 4651, and 4130 blocks respectively, accounting for 28.98%, 16.86%, 14.4%, 11.31%, and 10.04% respectively.

Figure 2.5: Distribution of Bitcoin Mine Pool



Source: BTC.com

Figure 2.6: Distribution of Ethereum Mine Pool



Source: etherscan.io

2.2 Activity Statistics

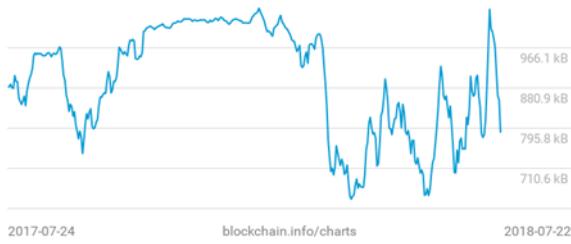
Bitcoin’s block size increased and the average number of transactions per block decreased. Average number of transaction and block size both increased for Ethereum. According to blockchain.info, from July 16 to July 22, 2018, the average number of transactions per block on Bitcoin was 1305, a decrease of 9.2% from last week. The average size of each block was 787.6Kbs, a decrease of 25.4% from last week.

Figure 2.7: Block Size of Bitcoin

Figure 2.8: The Average Transactions of Per

Block in Bitcoin

Average Block Size
787.6 kB



Source: blockchain.info

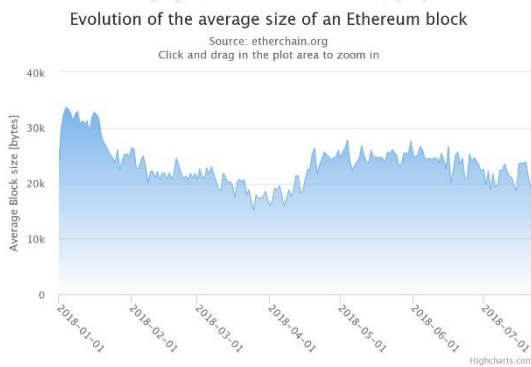
Average Number Of Transactions Per Block
1,305



Source: blockchain.info

According to etherchain, the average number of transactions per block in Ethereum this week was 120.9, an 23% increase compared with the previous week. The average size of each block was 22247 bytes, which was a increase of 4.9% compared to last week.

Figure 2.9: Evolution of the average size of an Ethereum block



Source: etherchain

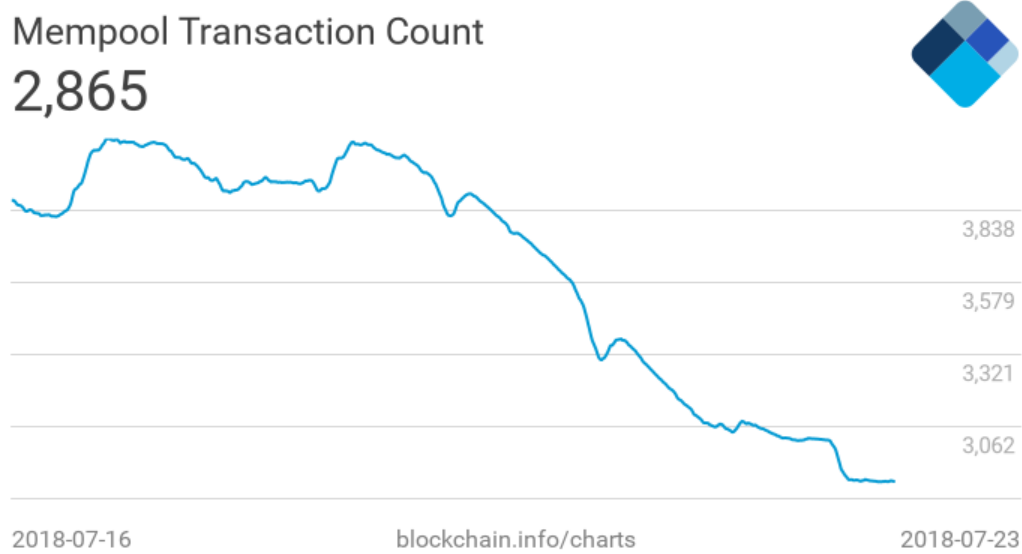
Figure 2.10: The number of transactions per day



Source: etherscan.io

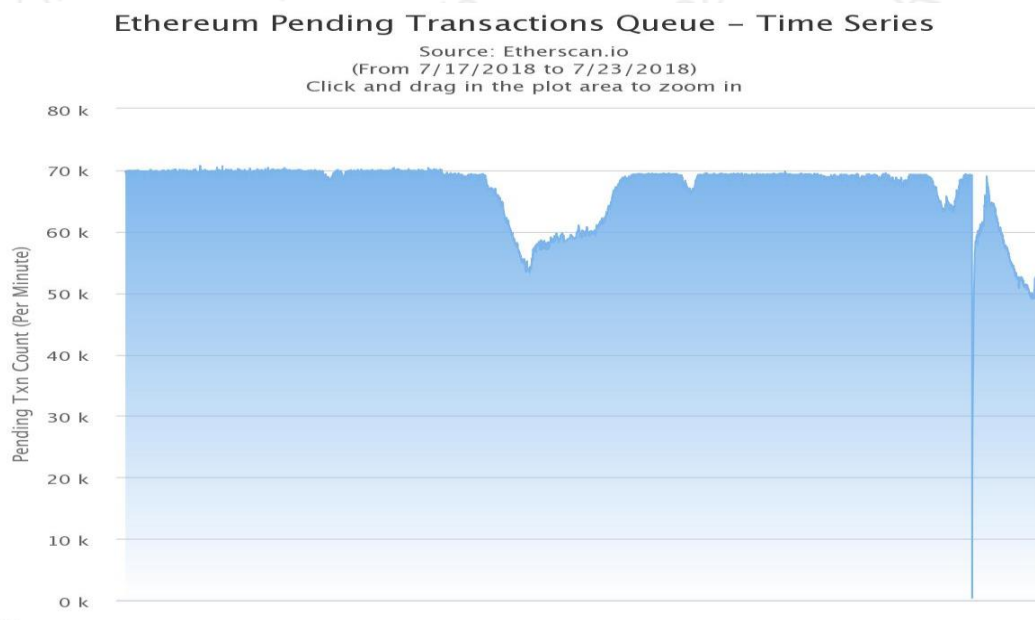
Number of unconfirmed transactions in Bitcoin and Ethereum increased 25.9% and 26.77% respectively comparing to last week. As of July 22rd, 2018, the number of 7-day average unconfirmed transactions in Bitcoin network was 2856, a decrease of 25.9% from last week. As of July 23rd, the number of unconfirmed transactions in Ethereum network this week was 52959, a big increase of 26.77% from last week. The lowest amount of unconfirmed transactions this week was 348 and the highest amount reached 70746.

Figure 2.11: Unconfirmed Transaction in Bitcoin



Source: blockchain.info

Figure 2.12: Unconfirmed Transaction in Ethereum

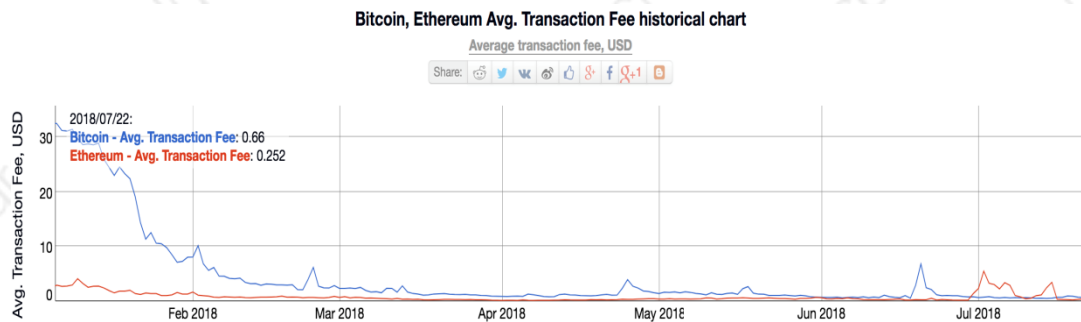


Source: etherscan.io

Transaction fees of Bitcoin decreased significantly and the transaction

fees of Ethereum increased significantly this week. As of July 22nd, 2018, average transaction fees of Bitcoin this week was 0.66USD, which is up 9.63% from last week. Average transaction fees of Ethereum this week was 0.252USD, a decrease of 92.7% from last week.

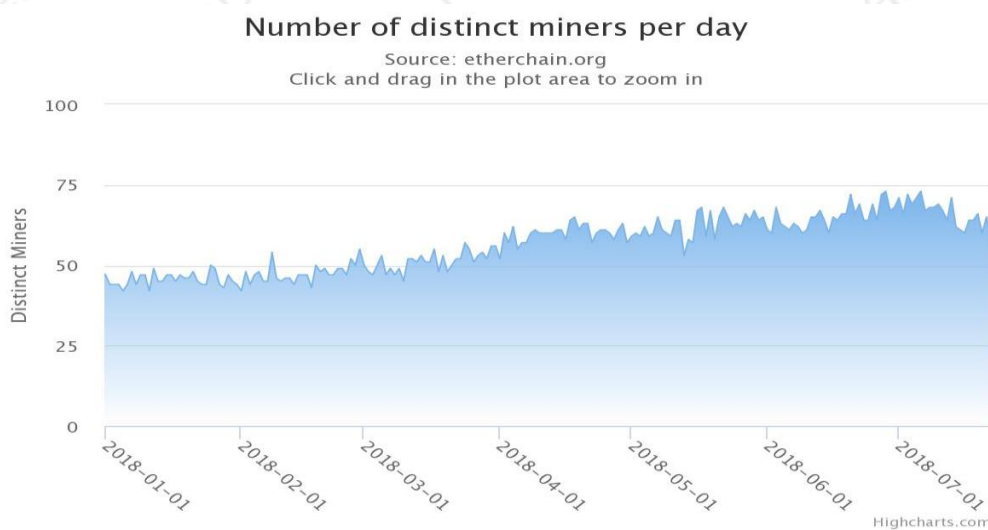
Figure 2.13: Bitcoin, Ethereum Average Transaction Fees



Source: bitinfocharts

The average number of distinct miners per day in Ethereum decreased slightly. From July 26th to July 22nd, 2018, the average number of distinct miners per day in Ethereum this week was 62.57, lower than last week (55) by 5.2%.

Figure 2.14: Number of Distinct Miners Per Day



Source: etherchain

The number of nodes increased slightly for Bitcoin and decreased slightly for Ethereum. As of July 23rd, 2018, Bitcoin nodes reached 9581, an increase of 1.48% from last week, of which 2,421 nodes were in the U.S, 1766 nodes were in Germany, and 855 nodes were in China, accounting for 25.27%, 18.43% and 8.92% of the total number of nodes, respectively.

As of July 23rd, 2018, Ethereum nodes reached 15054, which was a decrease of 3.63% from the previous week. There were 6271 nodes in the U.S, 2001 nodes in China, 1090 nodes in Canada accounting for 41.66%, 13.29%, 7.24% of the total number of nodes respectively.

Table 2.1: Bitcoin Node Ranking by Country

RANK	COUNTRY	NODES
1	United States	2421 (25.27%)
2	Germany	1766 (18.43%)
3	China	855 (8.92%)
4	France	660 (6.89%)
5	Netherlands	460 (4.80%)
6	Canada	342 (3.57%)
7	Russian Federation	308 (3.21%)
8	United Kingdom	274 (2.86%)
9	Japan	218 (2.28%)
10	Singapore	208 (2.17%)

Source: bitnodes

Table 2.2: Ethereum Node Ranking by Country

RANK	COUNTRY	NODES
1	United States	6271 (41.66%)
2	China	2001 (13.29%)
3	Canada	1090 (7.24%)
4	Germany	664 (4.41%)
5	Russian Federation	632 (4.20%)
6	United Kingdom	439 (2.92%)
7	Netherlands	356 (2.36%)
8	Korea	355 (2.36%)
9	France	309 (2.05%)
10	Japan	252 (1.67%)

Source: bitnodes

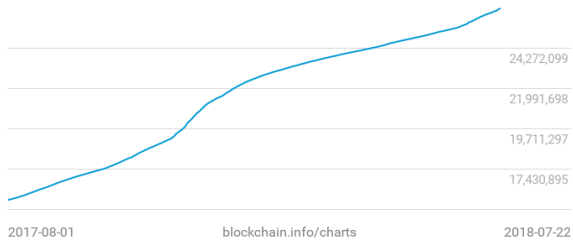
This week, the growth rate for new addresses increased for Bitcoin and Ethereum. According to the data on blockchain.info, as of July 22nd, 2018, the total number of Blockchain accounts reached 26541608, an increase of 272066 this week.

According to the data on etherchain, as of July 22nd, 2018, the total number of Ethereum addresses was 41582474, an increase of 616393 this week.

Figure 2.15: Bitcoin Wallet Users

Figure 2.16: Total Address of Ethereum

Blockchain Wallet Users
26,541,608



Source: Blockchain.info

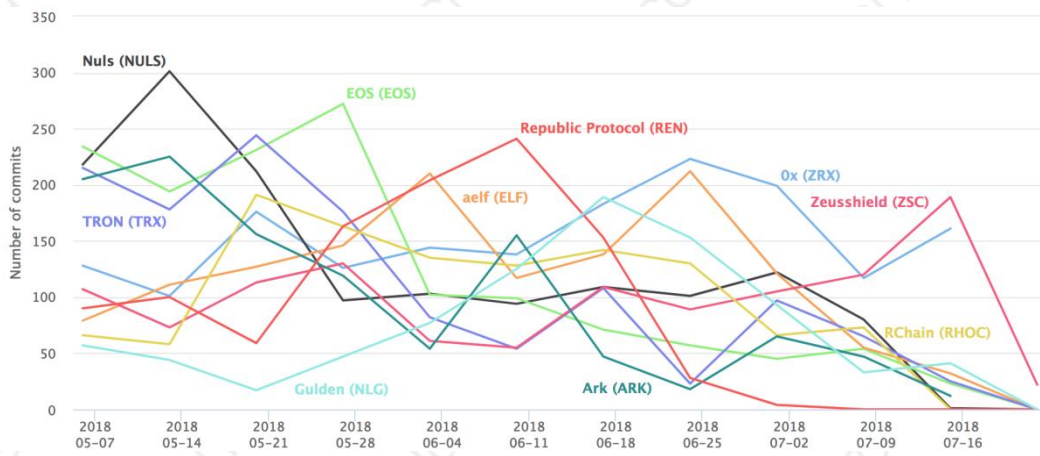
Evolution of the total number of Ethereum accounts



Source: Etherscan

ZSC was the most active project in GitHub last week. From July 16th to July 22nd, 2018, ZSC's activity in the GitHub code was the most active, reaching 189 commits, increased 57.5% from the previous week. ZRX ranked second at 161 commits.

Figure 2.17: GitHub Code Activity



Source: cryptomiso

2.3 Community Activity Statistics

The top three most popular cryptocurrencies on Facebook are Bitcoin, Ethereum, and Ripple in decreasing order, with 477K, 152K and 140K fans respectively. The top three most popular cryptocurrencies on Twitter are Ripple, Bitcoin and Ethereum in decreasing order. As of July 22, 2018, the number of fans on Twitter of Ripple (XRP), Bitcoin and Ethereum which has 916K, 881K, and 440K fans respectively.

As of July 22nd, MainFrame received the most attention on Telegram, with more than 100,000 fans. The fastest rising Telegram group, is Oppority with more than 70,000 fans joining the telegram group within 24 hours.

Table 2.3: Facebook Cryptocurrency Fans Ranking

RANK	Cryptocurrency	Fans (thousands)
1	Bitcoin	47.7
2	Ethereum	15.2
3	Ripple (XRP)	14
4	Litecoin	10.9
5	IOTA	6.1
6	Dash	5.6
7	NEO	5.2
8	XVG	4.2
9	LISK	3.7
10	monero	3.2

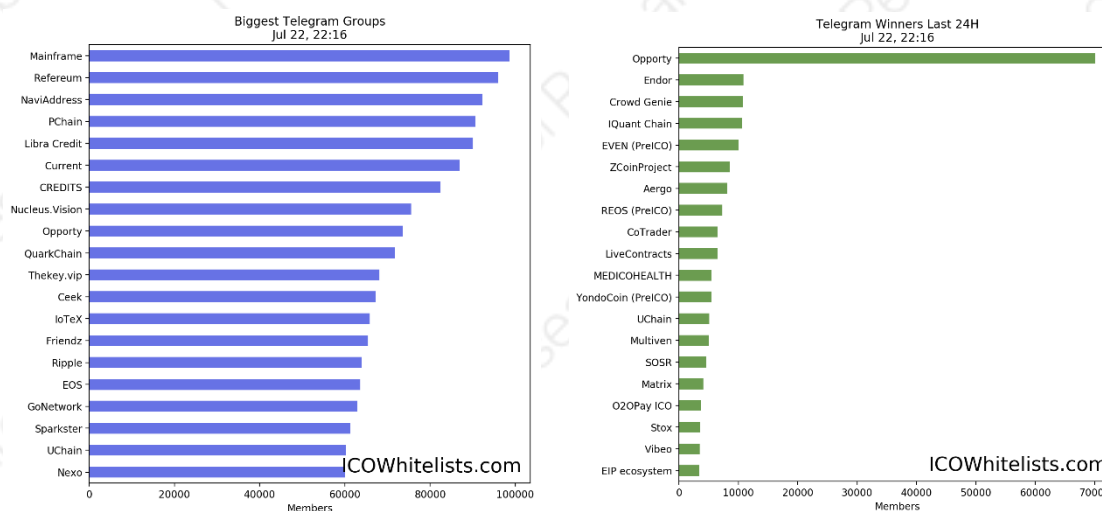
Source: facebook

Table 2.4: Twitter Cryptocurrency Fans Ranking

RANK	Cryptocurrency	Fans (thousands)
1	Ripple (XRP)	91.6
2	Bitcoin	88.1
3	Ethereum	44
4	Verge	36.8
5	Dash	33.4
6	TRON	32.5
7	Monero	31.3
8	OmiseGO	30.7
9	Stellar	26.8
10	Litecoin	17

Source: twitter

Figure 2.18: Telegram Cryptocurrency Fan Ranking



Source: icowhitelists

2.4 Huobi Blockchain Big Data Weekly Insights

Huobi Research performed NLP Word Analysis on Reddit's r/CryptoCurrency Subreddit to understand the trending topics and overall sentiments overseas, and we similarly broke down the keywords into three categories: Cryptocurrencies, Events, and Exchanges/Opinion Leaders.

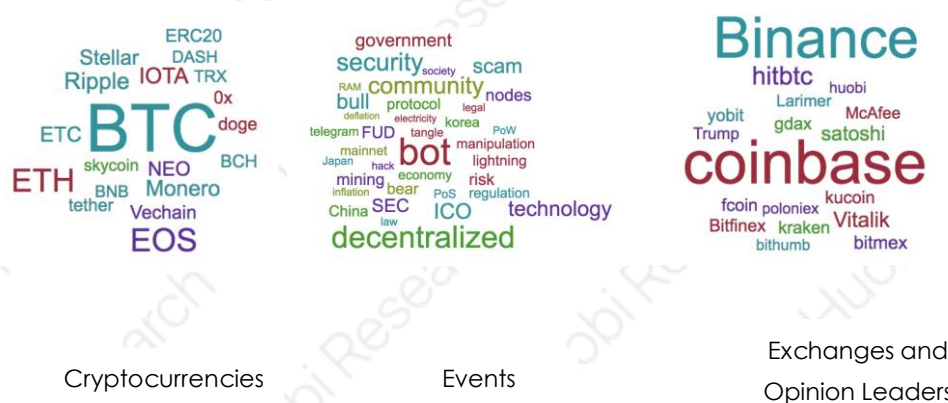
In the Cryptocurrencies category, NLP Word Cloud suggests that, same as in 8btc.com, "**Bitcoin**", "**Ethereum**", and "**EOS**" are the three cryptocurrencies that received the most widespread attention. Discussions on Bitcoin focused on the recent price as well as CBOE filing an application for Bitcoin ETF; discussions on Ethereum were similar to the discussions on China's 8btc.com—price fluctuation and clogged network; discussions on EOS focused on the future of EOS, with one popular post discussed the possibility of EOS replacing ETH as the definitive Blockchain platform.

In the Events category, NLP Word Cloud suggests "**Bots**", "**Decentralized**" and "**Community**" as the three hottest words of the week. Specifically, "**Bots**" refers to whether using "Crypto Trading Bots" is profitable, as well as the discussions on whether the recent congested network was a result of Bot attack; discussion on "**Decentralized**" focused on the recent decentralized exchanges as well as decentralized sport betting and gambling platforms; "**Community**"

refers to the discussion on different Cryptocurrency communities.

In the Exchanges/Opinion Leaders category, NLP Word Cloud suggests **“Coinbase”, “Binance”, and “HitBTC”** as the three hottest words of the week. Coinbase received widespread attention due to its recent announcement that it has received approval from SEC to acquire three companies, and discussions on HitBTC mainly focused on its users losing confidence due to extremely long deposit/withdraw processing time.

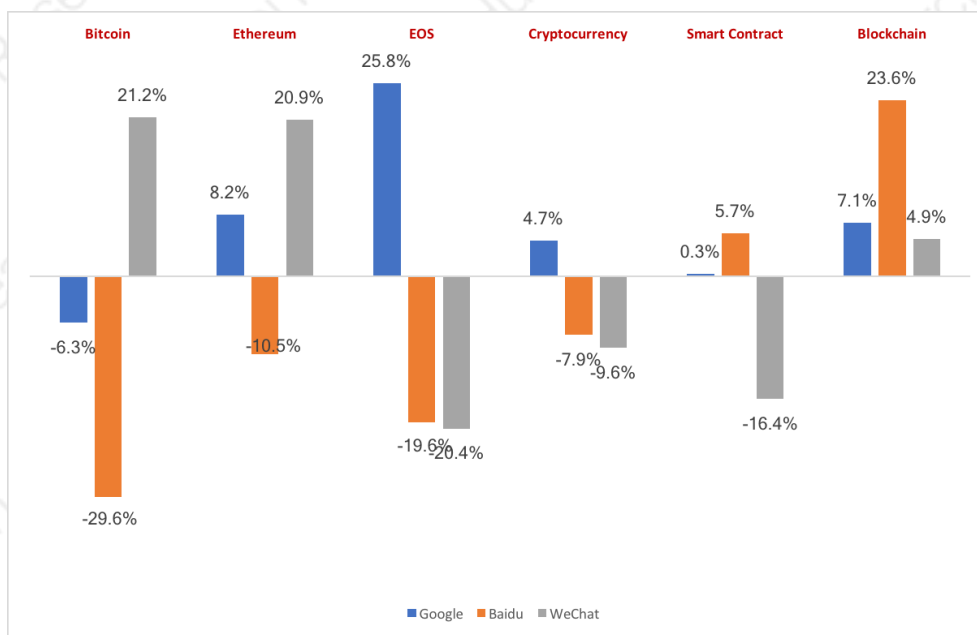
Figure 2.19: r/CryptoCurrency Word Cloud



Data Source: Huobi Research

This week, search trends for “Bitcoin”, “Ethereum”, “EOS”, and “Cryptocurrency” experienced a decrease, while search trends for “Blockchain” and “Smart Contract” experienced an increase on Baidu. Search trend performance of these words on Google was similar to last week, except for “EOS” which received a drastic increase. On WeChat, only “Bitcoin” and “Ethereum” experienced increase in trend performance. In general, there was increasing focus on “Blockchain” across all three platforms.

Figure 2.20: Weekly Changes in Search Trends



Data Source: Huobi Research, Google Trend, Baidu Index, Wechat Index

Note: The content of this section comes from *Huobi Big Data Weekly Insights Vol. 4*, with all data captured and analyzed by Huobi Research.

3. Weekly Blockchain News Review

3.1 Industrial Application

1. Tech Giant Oracle Launches Blockchain Cloud Service Platform

On July 16, Oracle announced that Oracle Blockchain Cloud Service became generally available. The service allows organizations to easily build Blockchain networks to drive more secure and efficient transactions and to track goods through supply chains on a global scale. Oracle Blockchain Cloud Service provides customers with a development platform to build their own networks, and to quickly integrate with Oracle SaaS and third-party applications they already use, as well as other Blockchain networks and Oracle PaaS services. It also enables users to provision Blockchain networks, join other organizations, and deploy and run smart contracts to update and query the ledger.

<https://www.oracle.com/corporate/pressrelease/global-businesses-turn-to-oracle-blockchain-071618.html>

2. Boeing Partners with AI Giant SparkCognition to Track Unmanned Aircraft with Blockchain

On July 17, Boeing [NYSE: BA] announced it is collaborating with artificial intelligence (AI) technology leader, SparkCognition, to deliver unmanned aircraft system traffic management (UTM) solutions. Boeing and SparkCognition will use artificial intelligence and Blockchain technologies to track unmanned air vehicles in flight and allocate traffic corridors and routes to

ensure safe, secure transportation. Through the collaboration, they will also provide a standardized programming interface to support package delivery, industrial inspection and other commercial applications.

<http://boeing.mediaroom.com/2018-07-17-Boeing-SparkCognition-to-shape-the-future-of-travel-and-transport>

3. **Accenture Will Develop Insurance Industry Solutions for RiskBlock**

The Institutes RiskBlock™ Alliance, a Blockchain consortium for the risk management and insurance industry, announced that Accenture (NYSE: ACN) would serve as the lead framework architect responsible for building a production-grade platform to develop and implement Blockchain and distributed-ledger use cases. Through its Blockchain-based applications and tools, RiskBlock seeks to better serve policyholders and reduce industry and consumer costs by streamlining payments, reducing fraud and improving the accuracy of customer data.

<https://newsroom.accenture.com/news/accenture-joins-the-institutes-riskblock-alliance-as-lead-framework-architect-to-expand-blockchain-use-within-insurance.htm>

3.2 International Policies

1. **Canada's Investment Industry Organization to Issue Proposals on Blockchain and Cryptocurrency Regulations**

The Investment Industry Regulatory Organization of Canada (IIROC) has formed a working group to recommend a potential regulatory response to Blockchain applications within the capital markets ecosystem. Earlier this month, the Canadian government released an official draft of new regulations for crypto exchanges and payment processors, seeking to strengthen their compliance with the country's Anti Money Laundering and Anti-Terrorist Financing Regime (AML/ATF).

<https://cointelegraph.com/news/canada-s-investment-industry-organization-to-issue-proposals-on-blockchain-crypto-regulations>

2. **BitPay granted virtual currency license by NY regulator**

On July 16, the New York Department of Financial Services (DFS) announced that it has approved the application of BitPay, Inc. for a virtual currency license. BitPay is authorized to offer clearing and settlement services to merchants willing to accept payment in bitcoin or issue payments in bitcoin, and is the first wholesale payments processor to be approved for a license. The new licensee is subject to ongoing supervision by DFS.

<https://www.dfs.ny.gov/about/press/pr1807161.htm>

3.3 Technological Breakthrough

1. **Mastercard Files Patent for Payment System Linking Cryptocurrency to Fiat Account**

Mastercard Files Patent for Payment System for the 'linkage of Blockchain-based assets to fiat currency accounts' according to a US Patent and Trademark Office (USPTO) patent filing published July 17. Mastercard notes that the combination of traditional payment systems with Blockchain-based currencies

“may provide consumers and merchants the benefits of the decentralized Blockchain while still maintaining security of account information and provide a strong defense against fraud and theft.”

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fnetacgi/nph-Search-bool.html&r=2&f=G&l=50&co1=AND&d=PTXT&s1=mastercard.AANM.&OS=AANM/mastercard&RS=AANM/mastercard>

2. JPMorgan Files New Patent for Distribute Virtual Depository Receipts System

American investment banking giant JPMorgan Chase is pursuing a patent for a distributed system that uses Blockchain technology to issue virtual depository receipts. The patent application, filed by JPMorgan in January and published by the U.S. Patent & Trademark Office (USPTO) on July 19, 2018, outlines a method whereby users on a distributed network such as a Blockchain can tokenize assets and trade these virtual depository receipts. This virtual depository receipt would essentially be a security token, regulated under the authority of the U.S. Securities and Exchange Commission (SEC) or other local securities regulators. This designation would necessarily restrict how and where the tokens could be traded.

<http://appft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=%2Fnetacgi/nph-Search-adv.html&r=1&f=G&l=50&d=PG01&p=1&S1=20180204190&OS=20180204190&RS=20180204190>

3. Barclays Pursues Blockchain Patents to Create Digital Currency Network

On July 19, 2018, U.S. Patent & Trademark Office (USPTO) published that Barclays, the UK’s biggest bank, has applied for three U.S. patents that collectively outline a system that uses Blockchain technology to combine the pseudonymity of cryptocurrency with the legacy financial system and its KYC/AML regime. This system could be used to allow users to deposit funds at a bank or other currency conversion service and convert them into digital currency, then withdraw them from the ledger later, all without altering the balance between the total value of currency in the digital currency system and all other currency systems. In other words, Barclays seems to envision a fiat-pegged stablecoin as the basis for its Blockchain network.

<https://www.ccn.com/barclays-pursues-blockchain-patents-to-create-digital-currency-network/>

4. Weekly Project Progress in the Market

4.1 New ICOs this Week

There were overall 38 ICOs this week; Singapore was the country with the most ICOs this week, and the most popular ICO project category was Blockchain application projects. Among 34 ICOs collected with country information, Singapore was the country with the most ICOs (4) this week,

accounting for 11% of all ICOs this week. UK, Canada, and Russia each had 3 ICOs this week, accounting for 8% of all ICOs respectively. Switzerland and Canada each had 2 ICOs this week, and all other 15 countries each had one ICOs this week. Among all 38 ICO projects this week, there were 6 Blockchain application projects, accounting for 16% of all ICOs this week.

Name		Country	Introduction	Category	ICO Date	ICO Price
MoviesChain	ZVR	Russia	Moneda is a mobile-first cryptocurrency investment platform.	Finance Applications	2018/7/1 6	0.0000 USD
Alicoin Cash	ALC Token	Belize	Alicoin Cash platform is designed to facilitate the life of coin holders.	Finance Applications	2018/7/1 6	0.4000 USD
ANTAVIRA	ARMT		ANTAVIRA launches a new era of lending with a loss prevention feature accessible to a global market of lenders. With the ANTAVIRA blockchain technology, lenders will be able to reimburse their losses on loan default cases with the support of smart contracts.	Finance Applications	2018/7/1 6	1.0000 USD
CryptoHawk		Switzerland	The Swiss-based company CryptoHawk AG offers the world's first all-in-one solution for cryptocurrencies.	Applications	2018/7/1 6	0.0540 USD
Habibicoin	HBB	UAE	Habibi Coin is a community solution to help its members participate in fractional real estate ownership without having high incomes.	Tokenization	2018/7/1 7	0.0500 USD
Slate	SLX	Canada	SLATE is a blockchain-based entertainment utility protocol powered by a cryptographically secure multilayered network.	Entertainment Applications	2018/7/1 7	0.0300 USD
Nauticus	NTS	Australia	Nauticus will be the first in the world to offer 100 crypto and seven fiat currencies exchange with ecommerce platform utilising blockchain technology.	Applications	2018/7/1 8	0.0741 USD
TravelBlock	TRVL	Canada	TravelBlock helps connect consumers to vacation providers with an easy to use, low cost and effective system.	Applications	2018/7/1 8	0.1400 USD

Pig World	PICOs		The Betting activities must abide by consensus mechanisms to ensure that all games played at Pig World are fair 0% Betting fees.	Entertainment Applications	2018/7/18	0.0200 USD
FTEC	FTEC	UK	FTEC is Artificial Intelligence trading revolution.	Exchange	2018/7/18	0.0154 USD
Oxcert	ZXC	Slovenia	Oxcert is an open source protocol that translates one-of-a-kind digital or real-world assets into non-fungible tokens.	Tokenization	2018/7/18	0.0497 USD
BitImage	BIM	Seychelles	BitImage is a smart open digital marketplace with decentralized content licensing where you can trade, purchase, or search for unique digital media.	Applications	2018/7/19	0.0036 USD
Rocati	RCT	Malta	ROCATI is the first cryptocurrency linked to a tangible asset: real estate properties.	Tokenization	2018/7/19	1.1600 USD
DISCIPLINA	DSCP	Estonia	DISCIPLINA - The first blockchain to create verified personal profiles based on academic and professional achievements.	Applications	2018/7/19	0.2362 USD
FTW	FTW	Switzerland	The future of the lottery. A global blockchain lottery that anyone can play anywhere, anytime.	Gambling/Lottery Application	2018/7/19	0.3300 USD
Cryptosolartech		Spain	In cryptosolartech we develop cryptocurrency mining, obtaining our own with the help of 3.000 equipments, thus mining in two different variants to optimise	Applications	2018/7/20	0.0500 USD
Humanixr	HNX	Poland	A Decentralised Application built on Ethereum Blockchain which seeks to reward human interaction	Social Networking Application	2018/7/20	2.8000 USD
CriptoHub	CHBR	Brazil	The Cryptocurrency market in Brazil currently suffers from high fees, limited coin options and difficult access.	Exchange	2018/7/20	1 CHBR = 0.0005 ETH
SUPERIUM	SUM	Italy	SUPERIUM is a digital coin based on Ethereum that allows you to earn money playing and winning videogames.	Gambling/Lottery Application	2018/7/20	1 ETH = 5,000 SUM

Ticko	TICK	Luxembourg	TICKO.io is the first decentralized platform for the airline industry that combines aviation management automation with a TICKO.io ticket distribution system.	Applications	2018/7/20	1,000 TICK = 0.0651 ETH
HPQ	HPQ	Vietnam	Real industry - Production of High Purity Quartz, the highly demanded material for modern industry.	Tokenization	2018/7/20	2 USD
Luckchemy	LUK		Our goal is offering a full suite of gambling products, both separately and in collaboration with a number of partners.	Gambling/Lottery Application	2018/7/20	1 ETH = 12,500 LUK
FLOGmall	MLC	Russia	FLOGmall is a great aggregator for all of crypto society, which is not limited to a specific category of goods or services.	Applications	2018/7/20	2000 MLC = 1 ETH
ExToke	XTO	Australia	ExToke is a new fee free Decentralized Ethereum ERC20 Token Exchange with absolutely no fees for buyer or sellers.	Exchange	2018/7/21	0.000001 ETH
GANNA	GANNA	<u>Estonia</u>	We project that every industrial development will finalize the grafting of AI.	Applications	2018/7/21	0.025 USD
AMO Coin	AMO	Singapore	AMO is blockchain project to create and operate the AMO Market, a market where car data can be shared and exchanged.	Applications	2018/7/21	1 ETH = 200,000 AMO
Social Wallet	WIRE	United States	Social Wallet is currently a fully functioning platform that allows cryptocurrency to be sent over traditional social media.	Platform	2018/7/21	0.15 USD
OKMCoin	OKMC	Singapore	OKMcoin is an ERC20 token which represents the right to purchase / trade Cryptocurrency.	Exchange	2018/7/21	0.55 USD
Midas	MAS	Singapore	Midas Protocol recognized these many pressing issues with cryptocurrency investment today, and is offering a complete solution.	Platform	2018/7/22	1 ETH = 10,000 MAS

IAC AutoUnit	ATK		International Auto Club (IAC) is an automated platform bringing together the best features of payment systems, cashback services and partnership programs.	Applications	2018/7/2 2	1 USD
Smart Trip Platform	TASH	USA	A blockchain-enabled ecosystem that connects travelers and travel service providers to create unforgettable trips.	Platform	2018/7/2 2	0.01 USD
Save Token	SAVE	Romania	Save Token aims to support the decentralized revolution by bringing a special service.	Finance Applications	2018/7/2 2	1 ETH = 6000 SAVE
Stealth Project	STELZ	Canada	We are a group of like-minded people who have been working for a long time in the field of information security on both sides.	Platform	2018/7/2 2	0.1 USD
Seylan	SYLN	Germany	Seylan Product established in 2015 with an aim to Manufacturing, marketing and exporting all types of edible and industrial salt.	Tokenization	2018/7/2 2	0.05 USD
Ponics Technologies	POT Token	Russian	We are developing and manufacturing the most advanced at the moment aeroponic growing systems for industrial plants cultivation.	Tokenization	2018/7/2 2	0.0925 USD
DICE Money	DICET	UK	DICE is a new cryptocurrency and universal platform for raising funds through cryptocurrency mining.	Platform	2018/7/2 2	0.002 ETH
London Football Exchange	LFE	UK	Financial, technology, media and entertainment group that operates in various spheres derived from the professional sporting arena.	Entertainment Applications	2018/7/2 2	0.20 USD
Inmediate	DIT	Singapore	Making policies transparent and trustworthy, by powering Smart Contract Insurance.	Finance Applications	2018/7/2 2	0.04 USD

Data Source: ICOBench, ICODrops, Foundico, Smith&Crown, ICO Rating, ICO Alert

4.2 Weekly Investment Activities

12 investment activities took place in the Blockchain industry this week. Nervos received 28 million USD in Angel Round from investors including Sequoia Capital China, Matrix Partners China, Unity Ventures, Ceyuan

Ventures, Frees Fund, iPaynow, imToken, Wanxiang Blockchain, Bixin, Sparkpool and Amber AI. KOOBANK China received 37 million RMB in Round A from investors including Yunshan Capital Partners, Jiuniu Investment, LuxCapital and ESFund.

4.2 Weekly Investment Activities				
Name	Round	Amount	Investors	Category
DCAex	Strategic Investment	ND	Blockchain Investment	Blockchain Application
KOOBANK China	A	37 million RMB	Yunshan Capital Partners, Zheshang Caituan, Jiuniu Investment, Hongkong LuxCapital Limited., ESFund	Blockchain Finance
fanX	Seed	10 million RMB	Blockshine, Bitshine	Blockchain Application
Nervos	Angel	28 million USD	Sequoia Capital China, Matrix Partners China, Unity Ventures, Ceyuan Ventures, Frees Fund, iPaynow, imToken, Wanxiang Blockchain, Bixin, Sparkpool, Amber AI	Blockchain Infrastructure
Lie Chuang	Seed	ND	Seven Star Digital Fund	Blockchain Finance
BOW Food Chain	Strategic Investment	ND	Hello Capital, Collinstar Capital, Principle Capital, Horman Capital	Blockchain Application
InterValue	A	ND	Hello Capital, Genesis Capital, Starwin Capital, Benrui Capital, OK Crypto, Obsidian Capital, Crypto Laboratory, Jiuqu Technology, Hanglin Capital,	Blockchain Infrastructure

			Gamma Capital, Yunlian Capital, Image Capital, Skywalker Capital, Skychain Capital, Biwei Capital, Huaying Capital, Alligator Capital	
bctopia	Strategic Investment	ND	Zhidian Touzi	Blockchain Application
BeeStore	Strategic Investment	ND	Consensus Lab (Huoxing Ecosystem Fund)	Blockchain Application
Jiedian.io	Pre-A	10 million RMB	Double Chain Capital, Relativity Capital, Gravitational Wave Capital, Fada Ventures	Blockchain Media
Jarvis+	Strategic Investment	ND	Fenbushi Capital	Blockchain Application
EtherUniverse	A	ND	One Capital, Linglu Capital, Jiutianchuanghe Capital, Core Capital, MexOs Fund	Blockchain Application
Data Source: IT Juzi				

Huobi Research

About Us:

Huobi Research was founded in April 2016 and started research and explorations in various aspects in Blockchain area since March 2018. We cover various fields such as Blockchain technology research, industry analysis, application innovation and economic model explorations. We aim to establish a research platform and to offer theoretical foundations as well as judgements of trends in Blockchain to the public, ultimately promoting the development of the Blockchain industry.

Huobi Data Analytics Weekly aims to provide participants of the cryptocurrency market with the most up-to-date and comprehensive database to help them facilitate decision-making process.

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