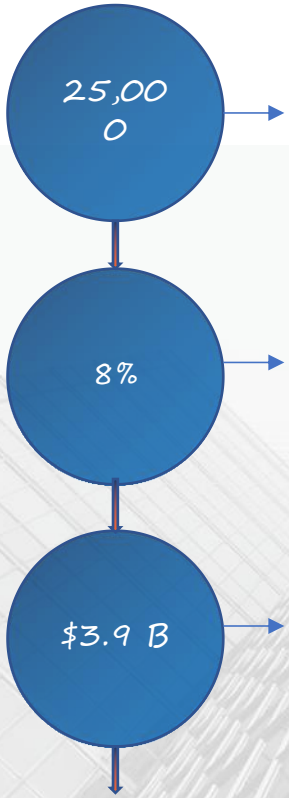
amberdata

Unblocking Blockchain Data

June, 2019 | Presented by Tongtong Gong

The Opportunity



Amount of daily new accounts signing up on Coinbase from Mar – Sept, 2018

Of Americans currently own digital assets of any kind

Total VC investment in blockchain Q1-Q3 2018

$202 Billion

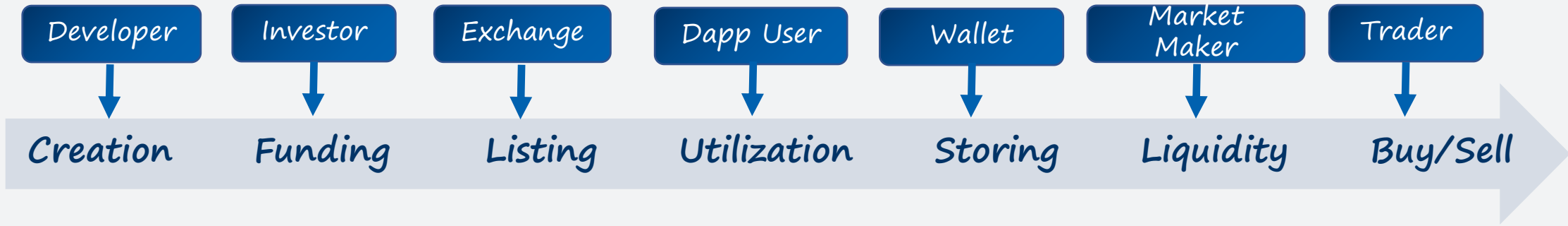
Total Market Capitalization of Digital Assets

FT Partner Research

- Tokenization and trading of digital assets is growing globally
- Institutions across major enterprises are building Blockchain and digital asset businesses
- We are creating a Trillion dollar emerging market

The Crypto Value chain

The Journey of a Token



- ✓ Develop, deploy and monitor
- ✓ Smart contract security scan
- ✓ Events and logs

- ✓ Market data
- ✓ Usage and adoption
- ✓ Portfolio management

- ✓ Anomaly detection
- ✓ Monitoring
- ✓ Reporting and Compliance

- ✓ Personalized dashboard
- ✓ Search and tagging
- ✓ Monitoring

- ✓ Account history
- ✓ Monitoring
- ✓ Market data
- ✓ Events and logs

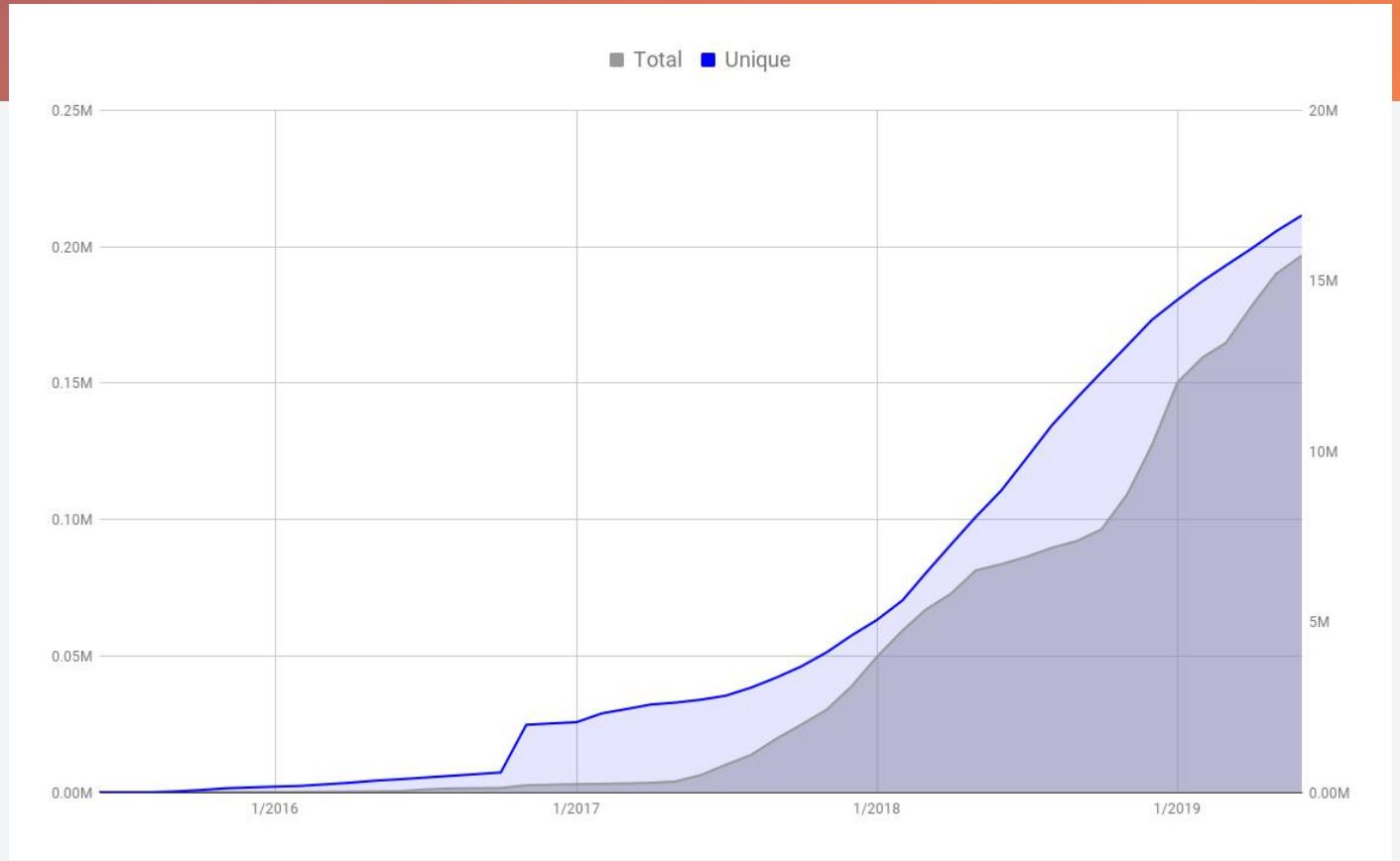
- ✓ Market data
- ✓ Trading insights
- ✓ Monitoring

- ✓ Market data
- ✓ Trading insights
- ✓ Market activity
- ✓ Tagging

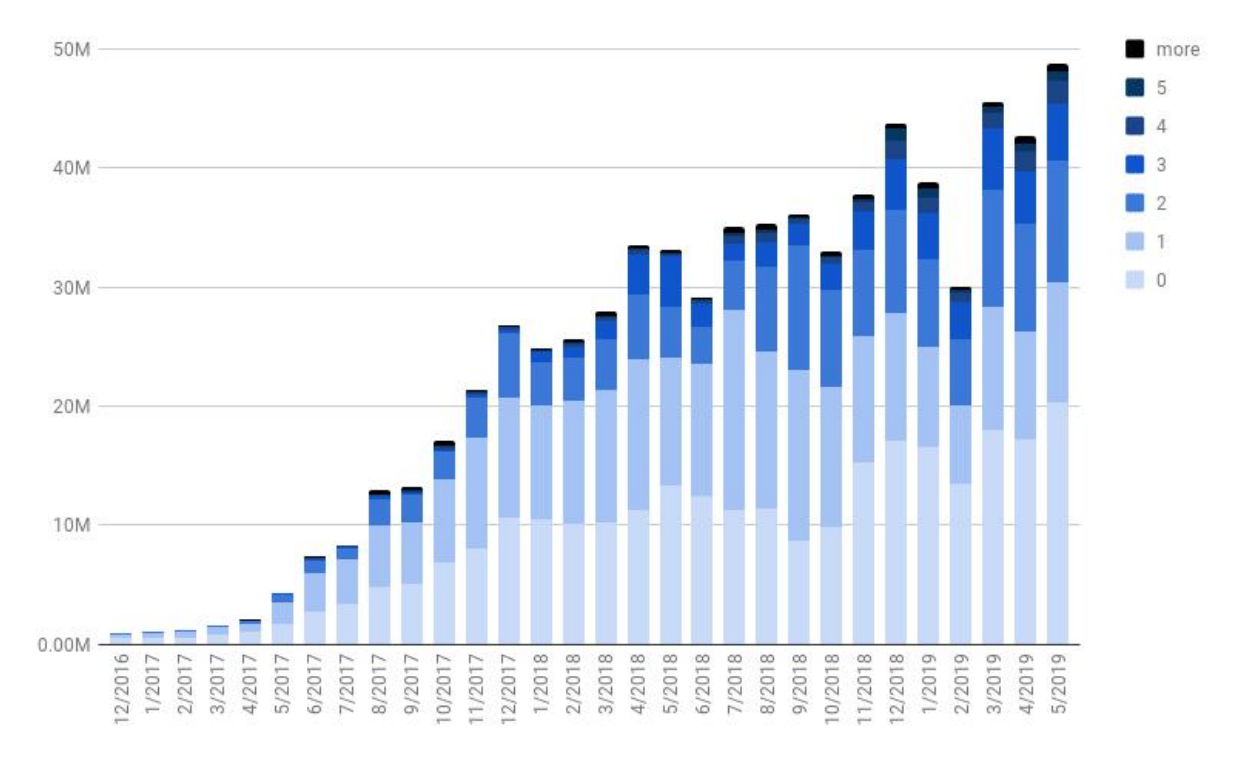
Smart Contract Growth

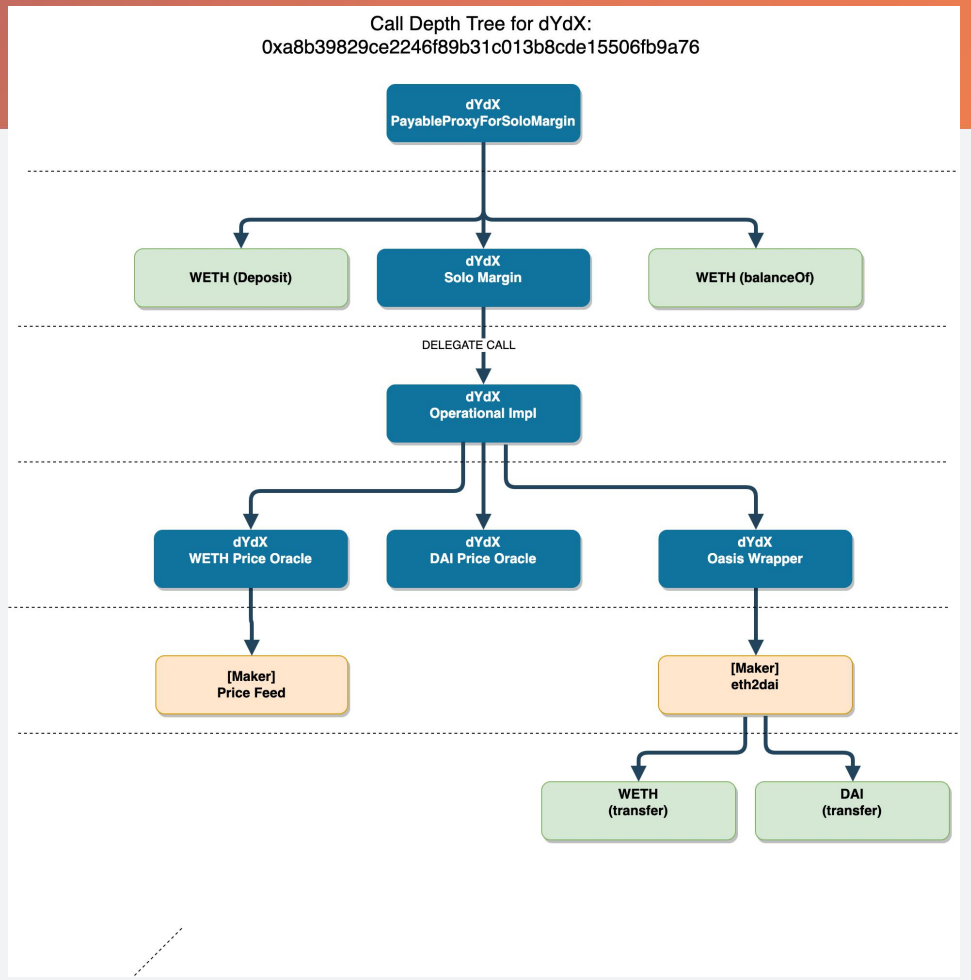
1. How many Smart Contract deployed on Ethereum today?

2. How many of them are unique contracts?



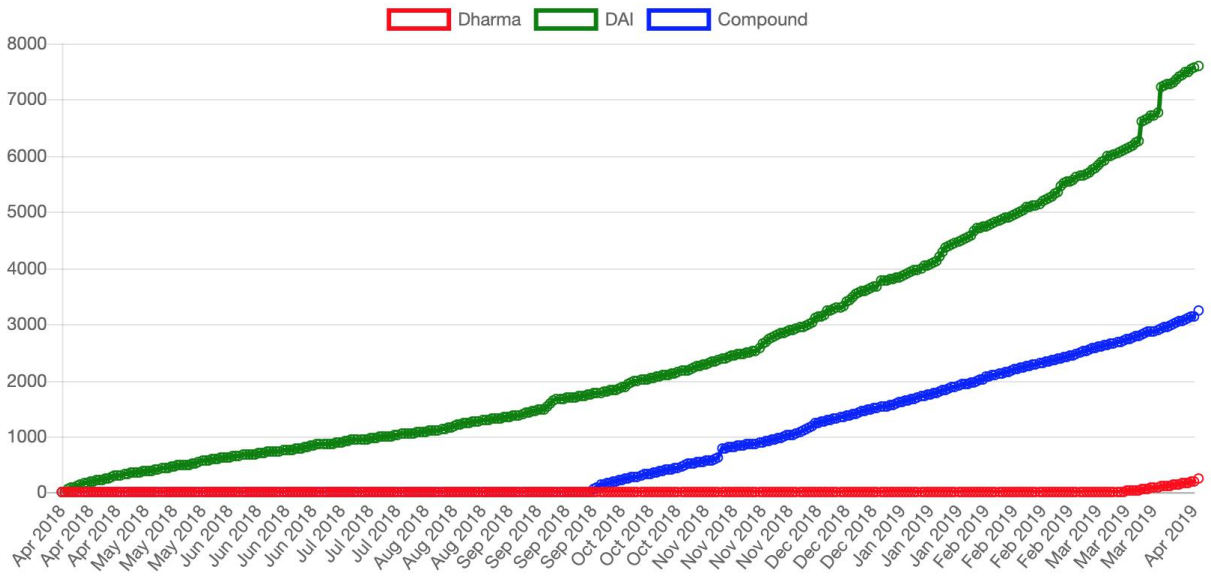
Smart Contract Call Stack



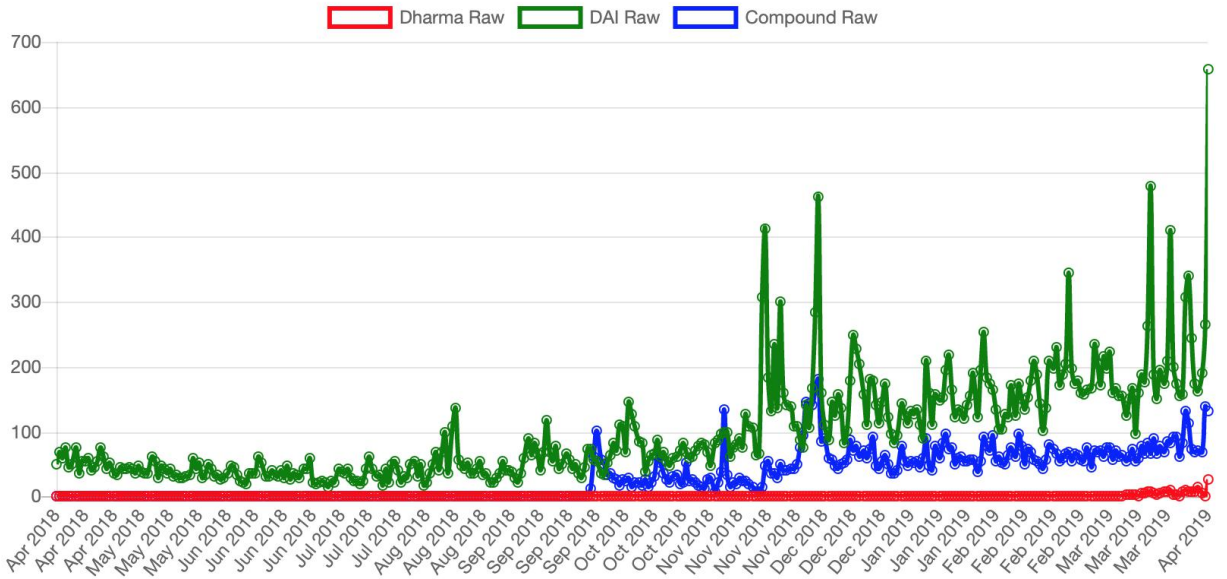


Lending Sector Metrics

Adoption

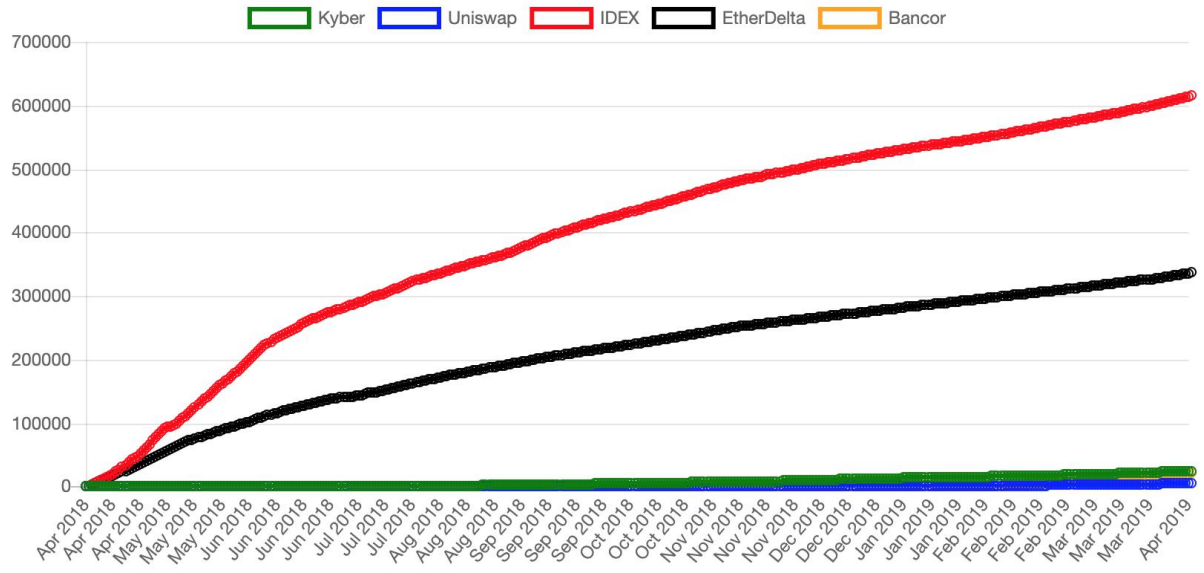


Usage

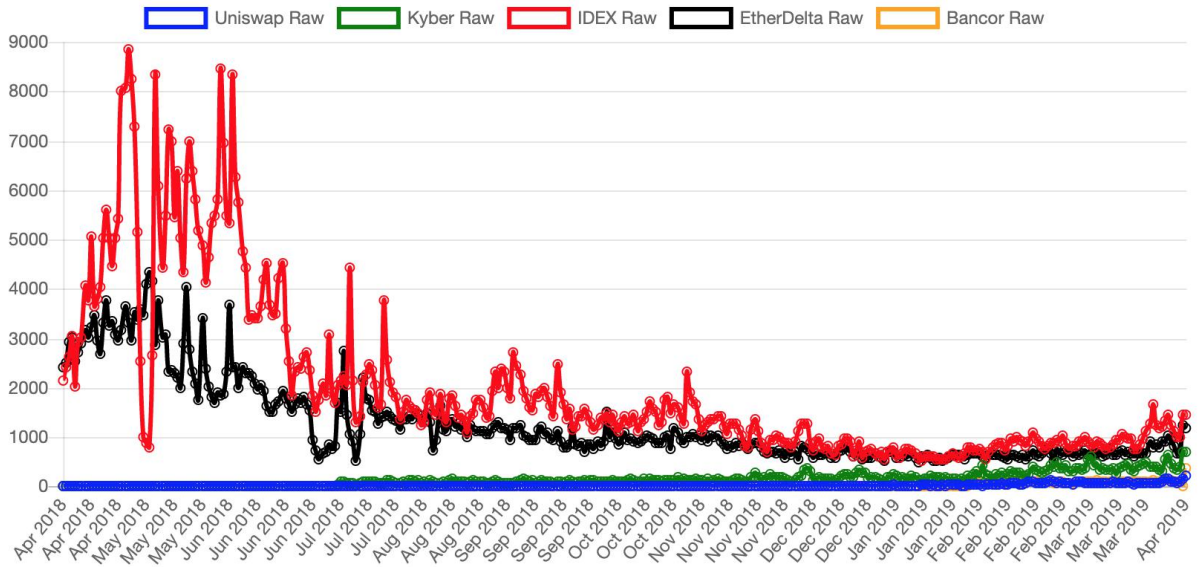


Decentralized Exchanges

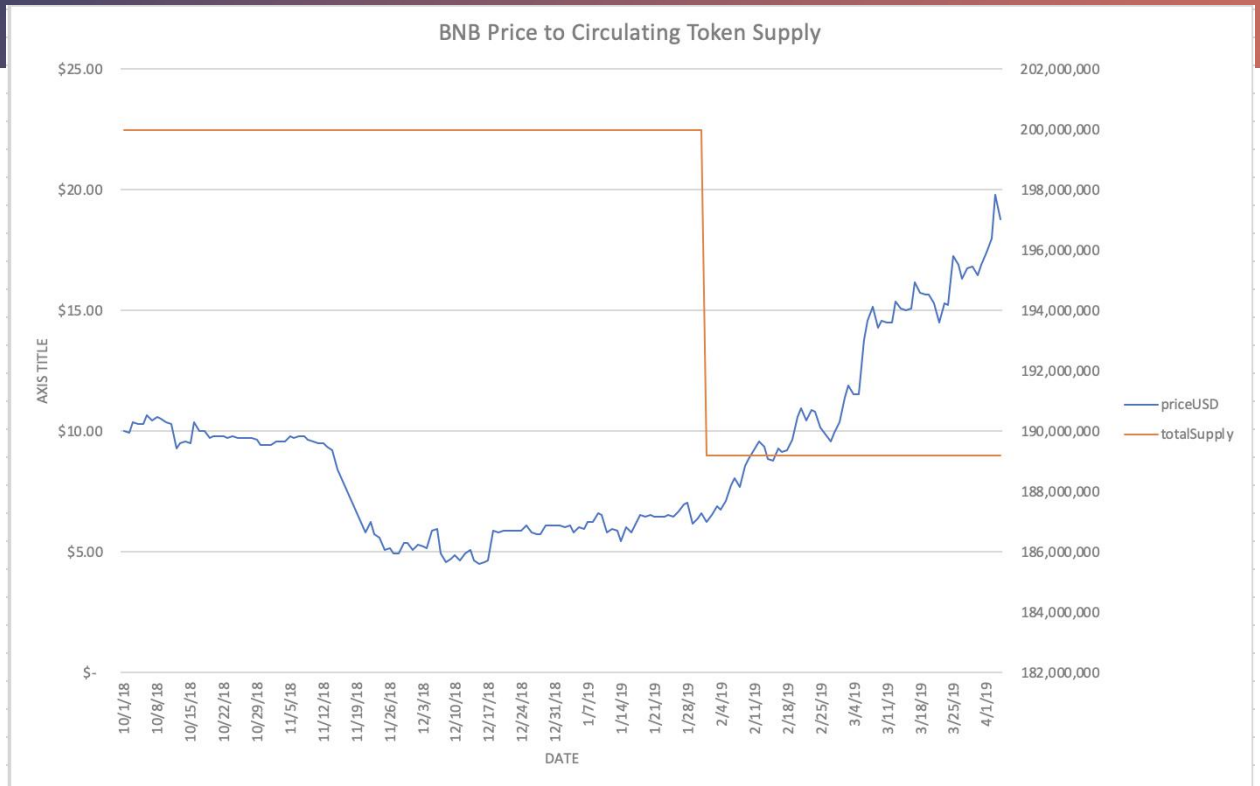
Adoption



Usage



Supply vs Price



The Challenge

- Getting blockchain data and insights is hard
- Getting Market data from hundreds of crypto exchanges globally is also hard
- Smart Contracts and Tokens are living pieces of software
- Blockchain data and market data are deeply interdependent and inseparable components of cryptoeconomics

Blockchain Data is not free nor easy

- A few ways to get blockchain data today
  - Run your own node
  - Use API service provider
- Complex and Costly

Price matters

What should I buy and sell at?
What is my portfolio worth?

- 250 + Exchanges
- DEXs – too many to count

Exchanges API Direct connection

- Many exchanges each with different APIs
- Data Volume, Velocity and ensuring the data is accurate and clean

Use cases:

Investors

Market data, Usage and adoption, Portfolio management

Exchanges

Price, Competitive Context, Monitoring

Wallets & Custody

Account history, Monitoring, Market data, Events and logs

Amberdata API

We make access to on-chain data and market data easy!

- Blockchain data
  - Historical
  - Real-time events
  - Aggregation and Analytics

- Market Data – Top Exchanges
  - Intraday and historical
  - Trades
  - Orderbooks
  - Aggregations
  - Market Capitalization & Circulating Supply

Lets get #buidling!

1. Join Amberdata Chinese Community

2. Signup for a Free API Key

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