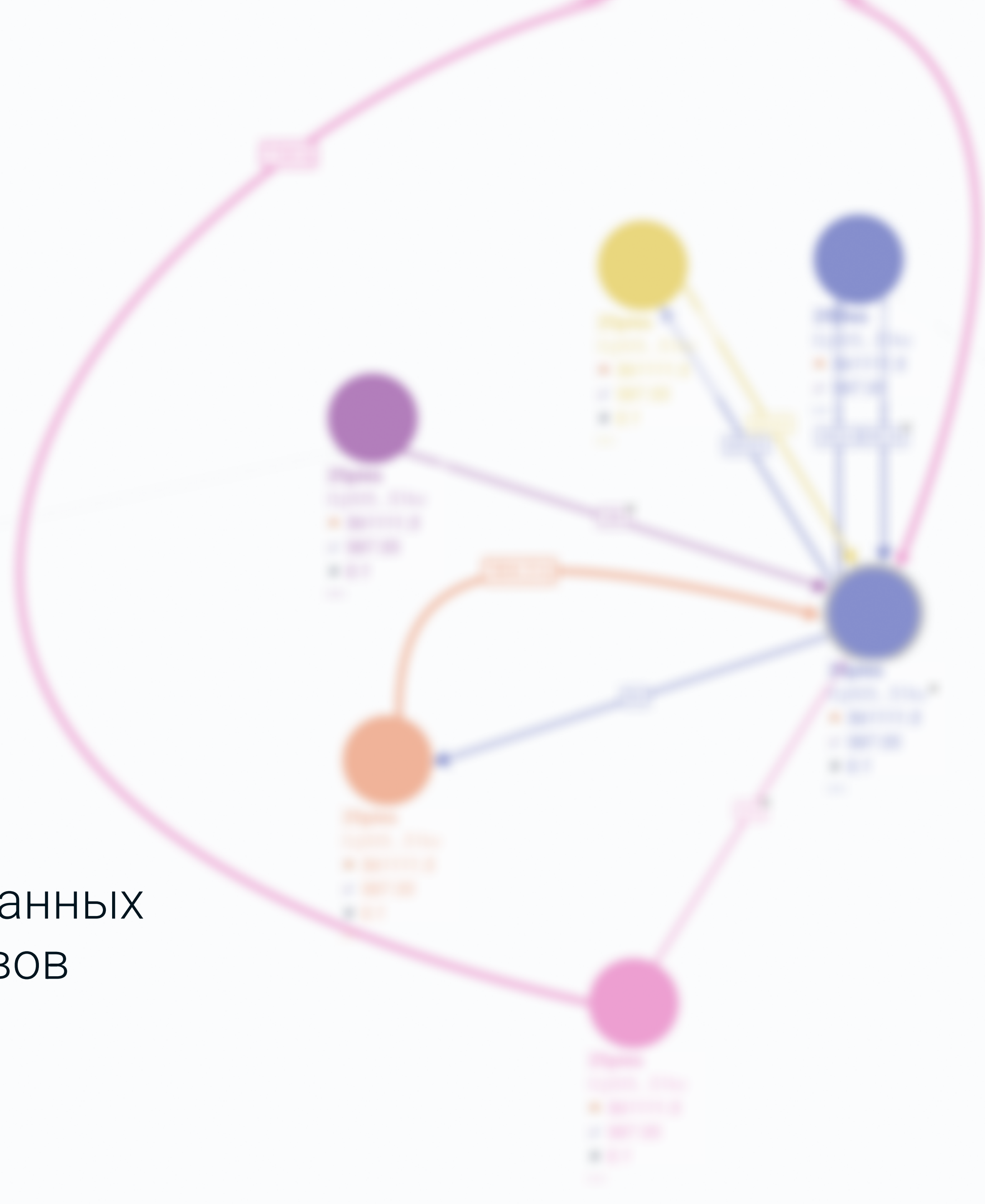




[AMLCRYPTO.IO](https://amlcrypto.io)

Аналитика блокчейна с помощью Qlik Sense

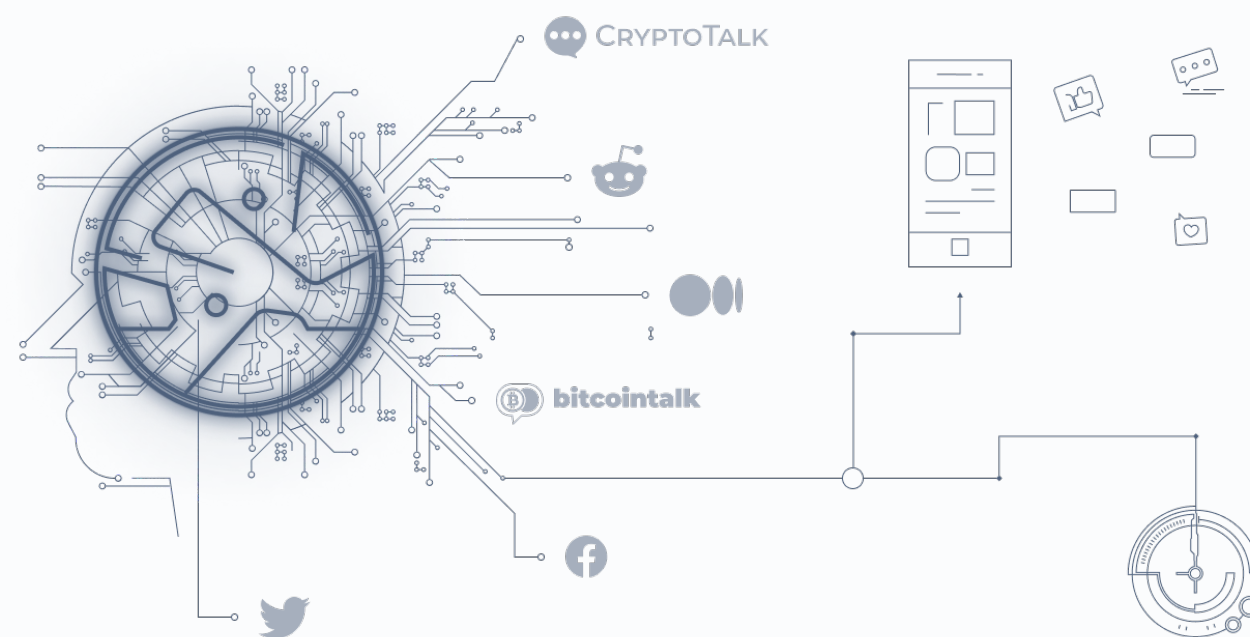
Видеть аномалии в закономерностях данных
и расследовать воровство криптоактивов



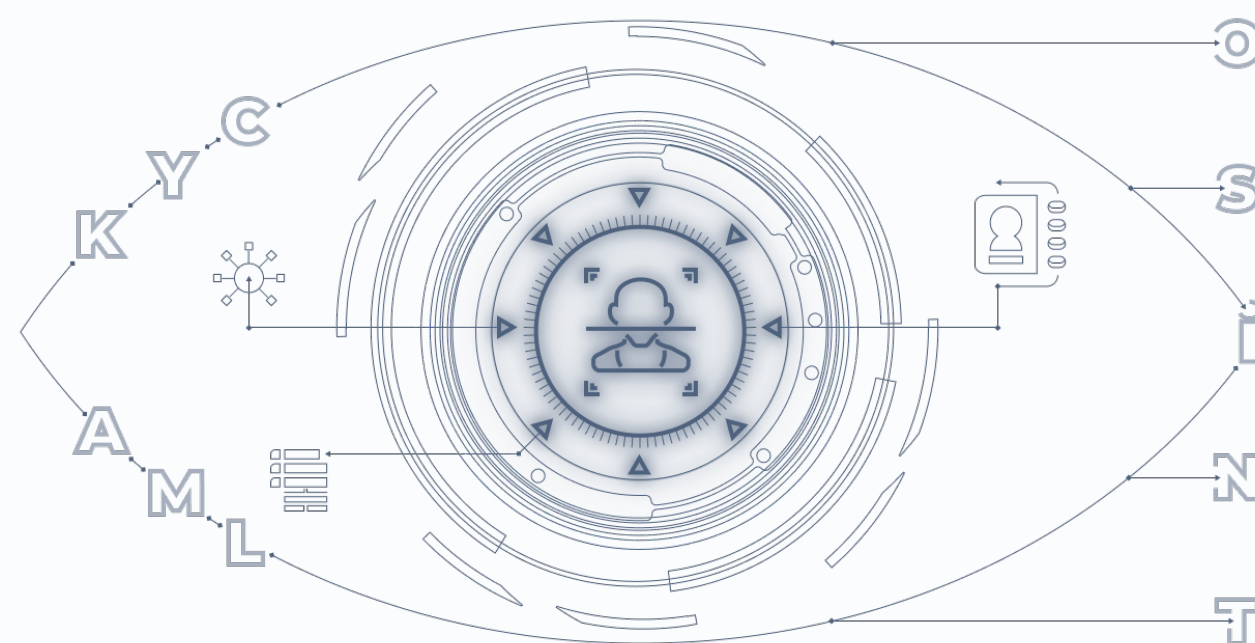


ДЕЛАЕМ ЛЮБОЙ БЛОКЧЕЙН ПРОЗРАЧНЫМ

АНАЛИТИКА
ПОЛЬЗОВАТЕЛЕЙ



РАЗВЕДКА ПО ОТКРЫТЫМ
ИСТОЧНИКАМ



ИСКУССТВЕННЫЙ
ИНТЕЛЛЕКТ



В 2021 году мировой
объем данных составил

\$ **215,7** МЛРД

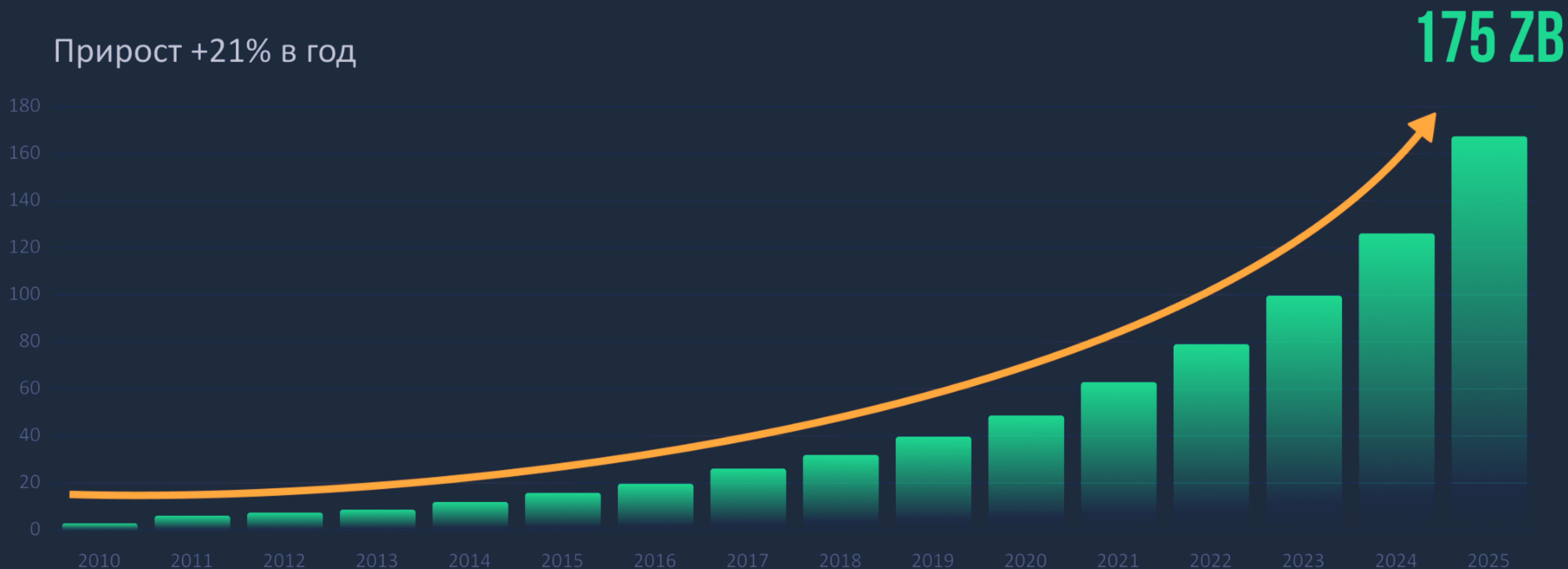
≈ **65** ЗЕТТАБАЙТ

согласно отчету International Data Corporation (IDC)

К 2025 году мировой
объем данных увеличится

В 3 РАЗА

Прирост +21% в год





Какую же долю
рынка данных может занимать
блокчейн аналитика?!





\$0.9 ТРЛН

объем рынка крипто

106+ МЛН

пользователей

17 ТЫС

криптомонет

Так зачем использовать
аналитику при работе
с блокчейн проектами?



Sum losses (usd)

35,74G

Quantity losses (pcs)

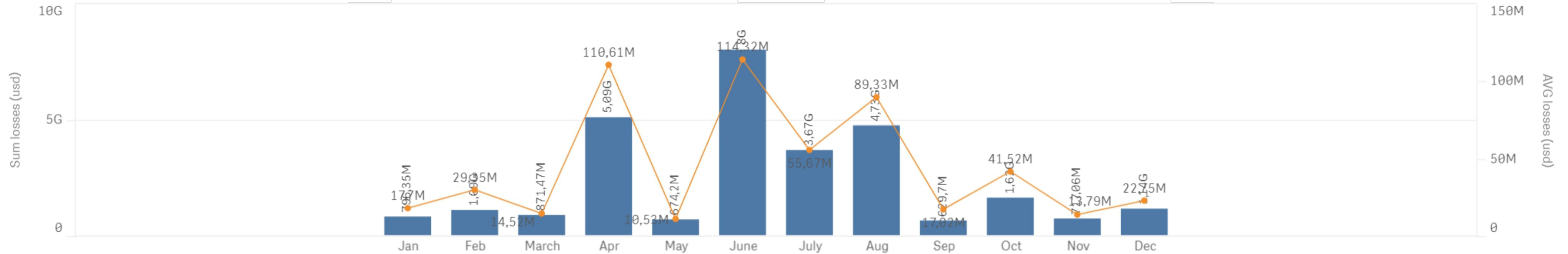
669

AVG losses (usd)

53,43M

Median losses (usd)

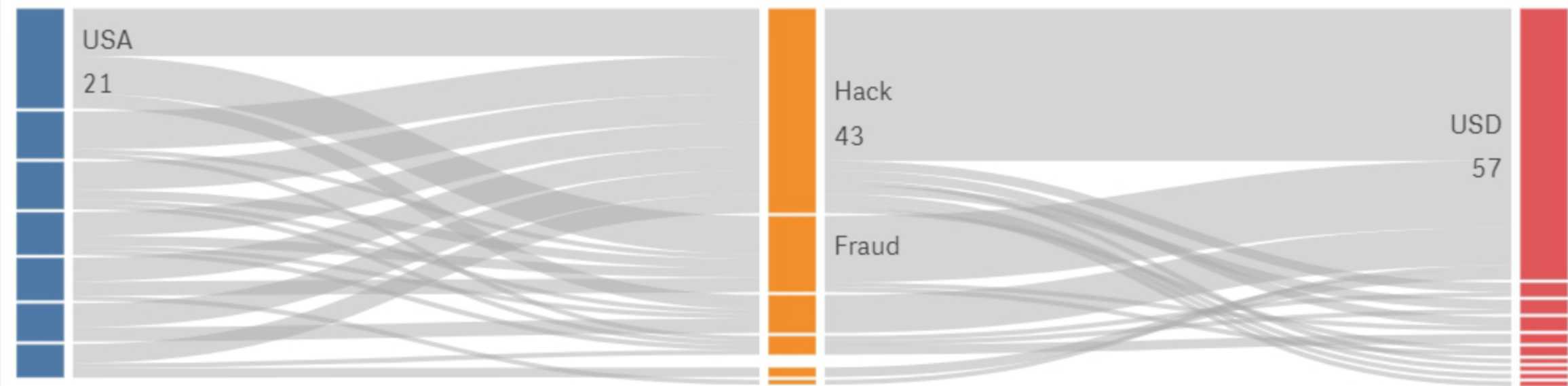
850k



Incidents by COUNTRY

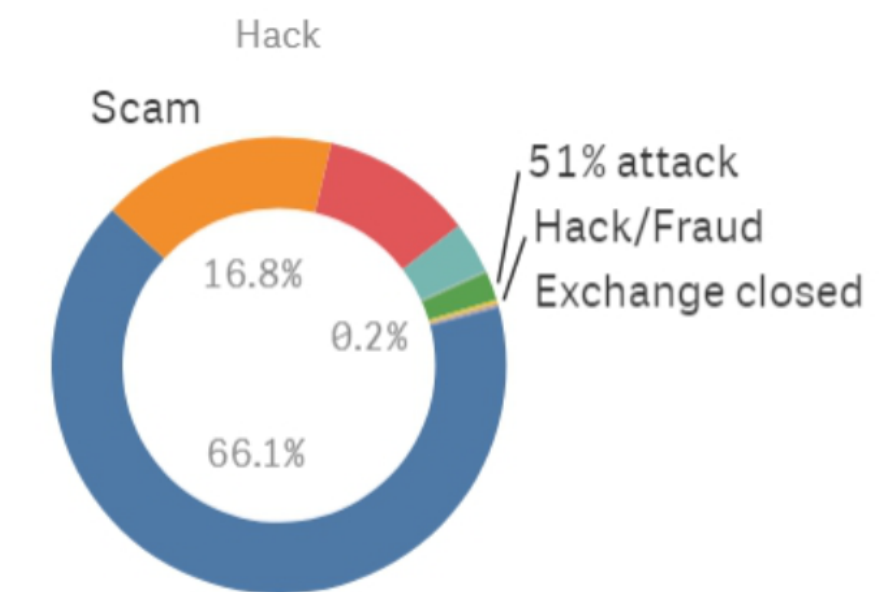
Incidents by CURRENCY

Country TOP 7



QUANTITY per Type losses

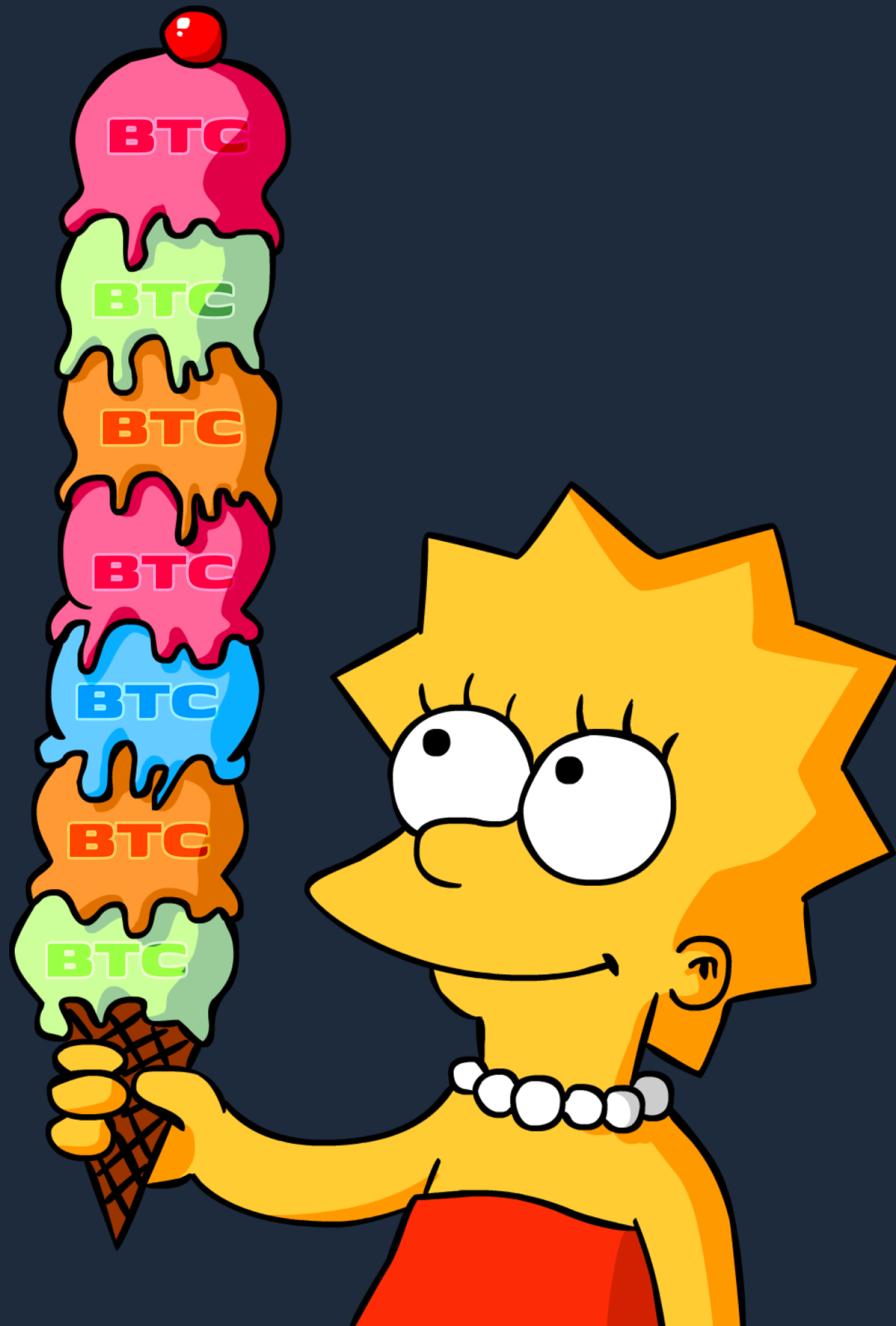
SUM per Type losses



| Project | Loss | Currency | Exchange rate | Hack | sum(Volume) | Date losses | Country | Link |
|----------------|------|----------|---------------|------|-----------------------|-------------|---------|---|
| Итоги | | | | | 35 741 622 298 | | | |
| Metaconz | 12 | ETH | \$3 043,28 | Hack | 36 215 | 16.04.2022 | Global | https://hacked.slowmist.io/?c=&page=6 |
| Twitter | 13 | BTC | \$9 132,23 | Hack | 117 440 | 16.07.2020 | Unknown | https://hacked.slowmist.io/?c=&page=26 |
| Ribbon Finance | 17 | BTC | \$21 056,22 | Hack | 347 428 | 24.06.2022 | Global | https://hacked.slowmist.io/?c=&page=2 |
| Curve | 20 | BTC | \$11 384,18 | Hack | 227 684 | 11.10.2020 | Global | https://hacked.slowmist.io/?c=&page=24 |
| dBet Games | 25 | FOS | \$3.75 | Hack | 93 | 20.03.2019 | Global | https://hacked.slowmist.io/?c=&page=32 |

Допустим, вы
пользователь...

**КРИПТО
ВАЛЮТ**





И мошенник украл
у вас средства!

**ЧТО БУДЕМ
ДЕЛАТЬ?**

The Ethereum Blockchain Explorer

All Filters ▼ Search by Address / Txn Hash / Block / Token / Ens 🔍

| | | | |
|---|--|--|---|
| ETHER PRICE \$2,417.21 @ 0.07638 BTC (-1.13%) | TRANSACTIONS 1,569.24 M (13.7 TPS) | MED GAS PRICE 55 Gwei (\$2.79) | ETHEREUM TRANSACTION HISTORY IN 14 DAYS |
| MARKET CAP \$287,660,974,379.00 | DIFFICULTY 14,087.00 TH | HASH RATE 1,090,424.58 GH/s | A line chart showing Ethereum transaction volume over the last 14 days. The y-axis ranges from 900k to 1300k. The x-axis shows dates from April 26 to May 10. The volume fluctuates between approximately 1000k and 1200k transactions per day. |

Latest Blocks

| | | | |
|----|-------------------------|---|-------------|
| Bk | 14754780 25 secs ago | Miner Miner: 0xab3...83a 61 txns in 6 secs | 2.01443 Eth |
| Bk | 14754779 31 secs ago | Miner Miner: 0x646...087 68 txns in 6 secs | 2.07205 Eth |
| Bk | 14754778 37 secs ago | Miner Ethermine 167 txns in 2 secs | 2.11251 Eth |
| Bk | 14754777 39 secs ago | Miner MiningPoolHub 51 txns in 4 secs | 2.01109 Eth |
| Bk | 14754776 43 secs ago | Miner Miner: 0x6eb...31a 72 txns in 4 secs | 2.02488 Eth |
| Bk | 14754775 47 secs ago | Miner SBI Crypto Pool 39 txns in 11 secs | 2.00828 Eth |

[View all blocks](#)

Latest Transactions

| | | | |
|----|-----------------------------------|--|-------------|
| Tx | 0x9f4ea8cd9cf91... 25 secs ago | From 0x00192fb10df37c9fb26... To 0xd2ac2048b8a8519949... | 0.06394 Eth |
| Tx | 0x357282cf4b6dc... 25 secs ago | From 0x00192fb10df37c9fb26... To 0x8efb4fb75b50ba313cb... | 0.06848 Eth |
| Tx | 0x2359ae5a5a7b... 25 secs ago | From 0x00192fb10df37c9fb26... To 0x8e920fbca8a236768a... | 0.06886 Eth |
| Tx | 0xea63bed136a5... 25 secs ago | From 0x00192fb10df37c9fb26... To 0xb3d998c01fff7a0d0d2... | 0.07502 Eth |
| Tx | 0x76e4f77333e7... 25 secs ago | From 0x00192fb10df37c9fb26... To 0xbd1eb20c252e149144... | 0.07832 Eth |
| Tx | 0xd3479c35d4c0... 25 secs ago | From 0x00192fb10df37c9fb26... To 0x2ae2e8dc5f6933596d... | 0.07562 Eth |

[View all transactions](#)

Address 0xA4e5961B58DBE487639929643dCB1Dc3848dAF5E



Buy

Exchange

Earn

Gaming

Overview

Balance: 10.062687605723268797 Ether

Value: \$24,084.54 (@ \$2,393.45/ETH)

Token: \$16.54 21

More Info

♥ More

My Name Tag: Not Available, [login to update](#)

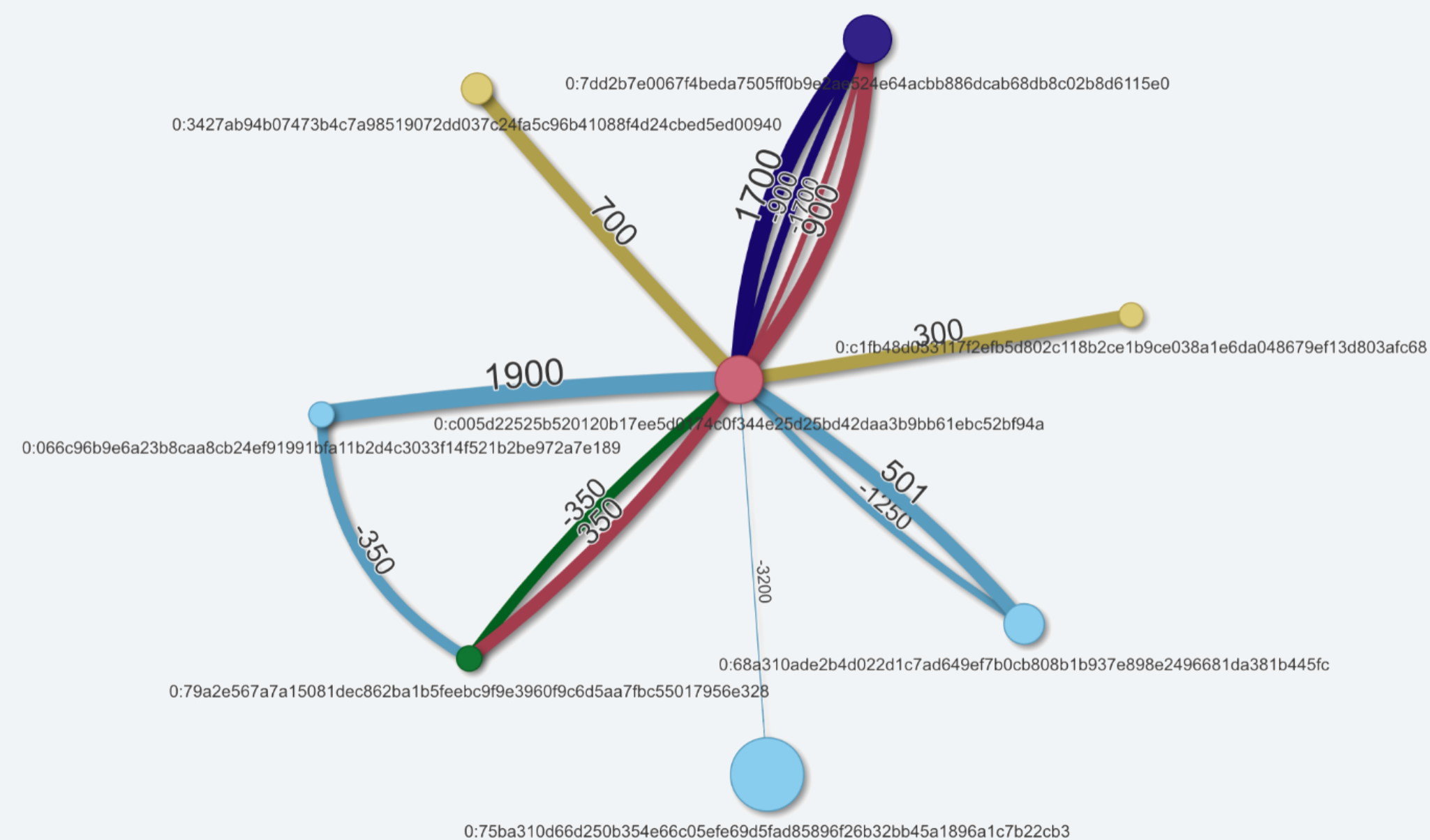
Transactions Erc20 Token Txns Analytics Comments

Latest 25 from a total of 1,105,753 transactions

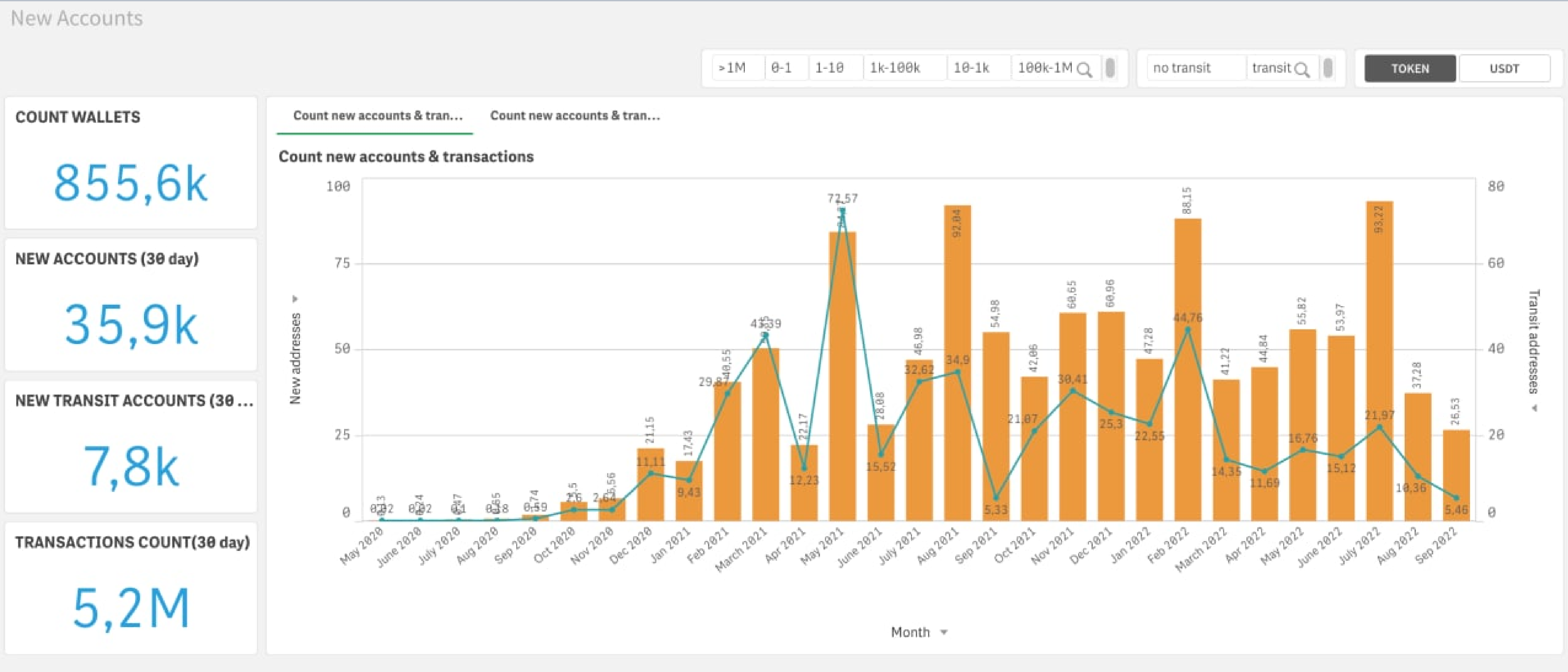
(> More than 25 Pending Txns)

| Txn Hash | Method | Block | Age | From | To | Value | Txn Fee |
|--|----------|-----------|-------------|--|---|------------------|-----------|
| 0xd87b301676a8975f3b... | Transfer | (pending) | 15 secs ago | 0xa4e5961b58dbe48763... | OUT 0xcc607684423ab2413c... | 0.00938 Ether | (Pending) |
| 0x8a98eee64b454d20a7... | Transfer | (pending) | 15 secs ago | 0x4dcb6d384d18c791ea... | IN 0xa4e5961b58dbe48763... | 0.00582277 Ether | (Pending) |
| 0x31383c0862d095ea54... | Transfer | (pending) | 15 secs ago | 0x60f466d2d646a2ee82... | IN 0xa4e5961b58dbe48763... | 0.00527308 Ether | (Pending) |
| 0x1fd1ec8c2ed10550a6f... | Transfer | (pending) | 23 secs ago | 0xa4e5961b58dbe48763... | OUT 0x0c8de779d4987389f8... | 0.0076006 Ether | (Pending) |
| 0xc7f536a97d23f6e992a... | Transfer | (pending) | 23 secs ago | 0xbe1d24f7cf9102fdc1a... | IN 0xa4e5961b58dbe48763... | 0.00538919 Ether | (Pending) |
| 0x6cb5b548b43e1c63d5... | Transfer | (pending) | 31 secs ago | 0x6403e77bd0e1e49b93... | IN 0xa4e5961b58dbe48763... | 0.00586249 Ether | (Pending) |
| 0xdff25bd585706148c38... | Transfer | (pending) | 31 secs ago | 0x19568d35f9a635d030... | IN 0xa4e5961b58dbe48763... | 0.00594551 Ether | (Pending) |
| 0x84ef394de2650e55b4... | Transfer | (pending) | 1 min ago | 0xa4e5961b58dbe48763... | OUT 0xcc607684423ab2413c... | 0.00938 Ether | (Pending) |

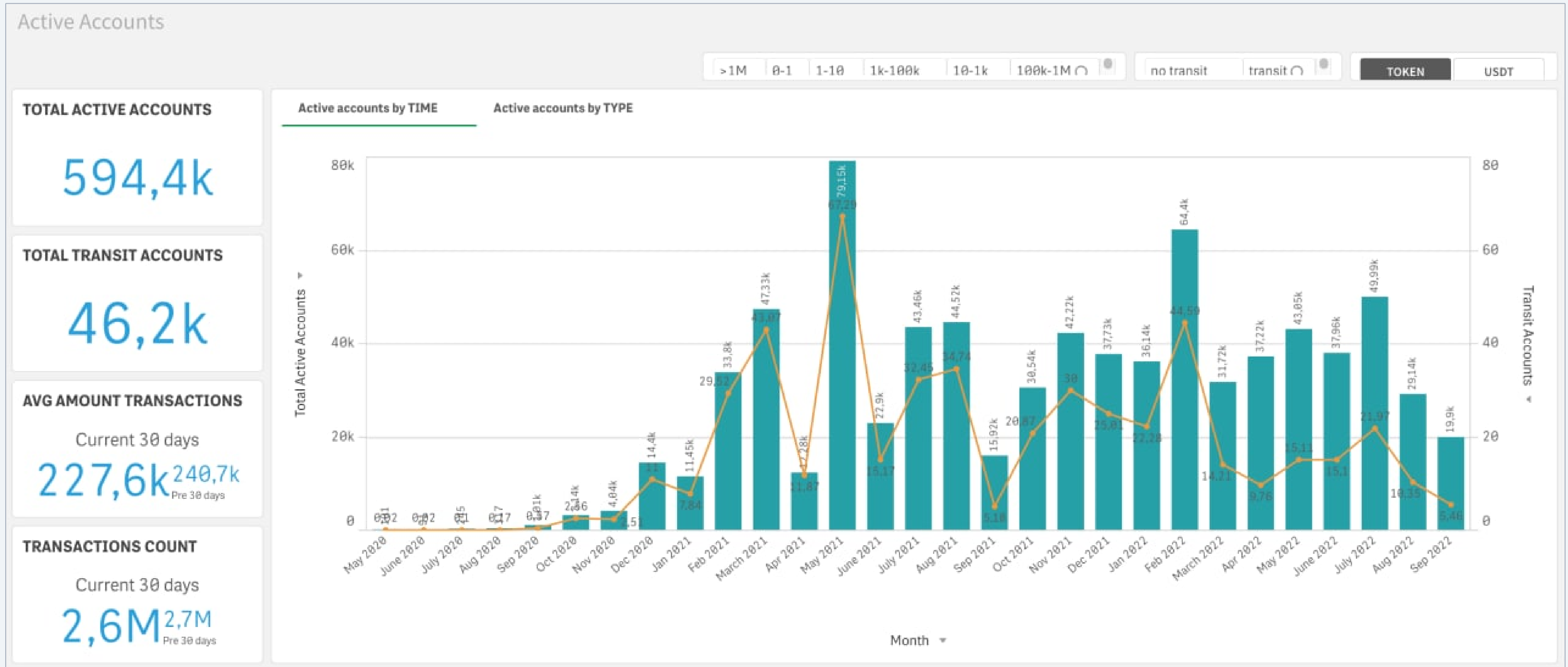
В стандартных платформах для аналитики данных нам не хватило только удобного графа связей...



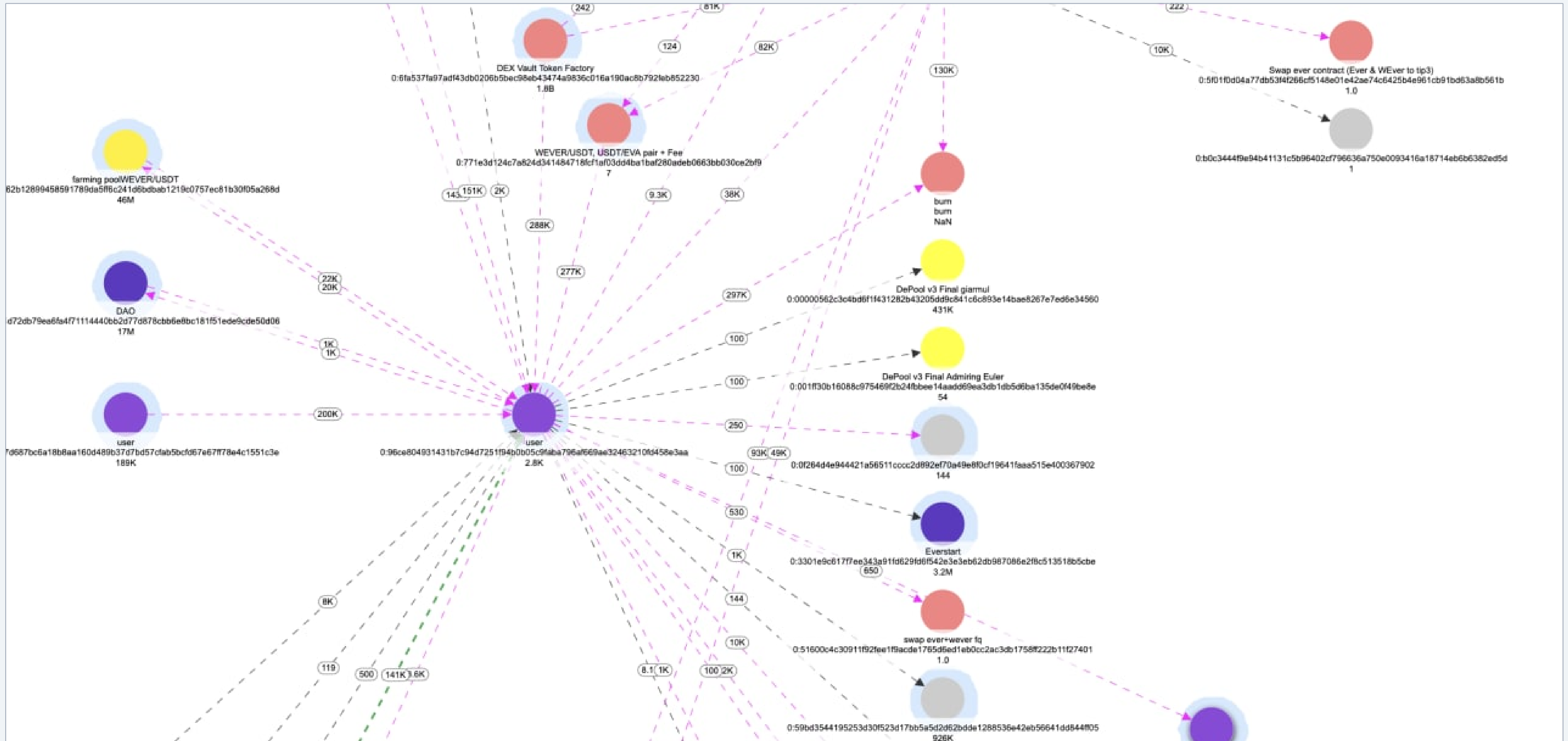
Сначала смотрим верхнеуровне на один из блокчейнов, выявляем закономерности



Сначала смотрим верхнеуровне на один из блокчейнов, выявляем закономерности



Погружаемся в детали транзакций, совершенствуем алгоритм



Погружаемся в детали транзакций, совершенствуем алгоритм

ADDRESS: 0x... WATCH REPORT FRAUD

Overview Transfers OSINT Mentions

OWNER: [redacted] TYPE: User

COMMENT: тут пользователь самостоятельно может указать какой-то комментарий...

SOURCE

| Name | Source | Comment | Proof | Author | SPAM |
|------------|-------------------|--------------------------------|------------|--------|------|
| [redacted] | Forum.freelon.org | Parsing forum | [redacted] | ... | X |
| [redacted] | everwhois | Chrome Extensions for everscan | [redacted] | ... | ✓ |

ASSETS: 3 391 USDT

Farming

Waver + USDC: 1698

EverDAO

Voting waver: 7000

Wallet

Ever: 298
USDT: 100

DATE ACTIVATION: 2020-12-24 23:45:21

LAST TRANSACTION: 2022-03-09 08:34:55

RISK-SCORE: 5%

BALANCE: 3 391 USDT

AFFILIATE

| Affiliate Type | Match | Affiliate user / address |
|----------------|----------------|--------------------------|
| Transaction | Coinexl.com | [redacted] |
| Payload | gate.io | [redacted] |
| IP | 130.211.49.144 | [redacted] |
| OSINT research | Research | [redacted] |

ADDRESS: 0x... WATCH REPORT FRAUD

Overview Transfers OSINT Mentions

INCOMING

Total (USDT): 23 986

Transfers: 108

Counterparties: 41

OUTGOING

Total (USDT): 20 233

Transfers: 200

Counterparties: 121

TYPE: ADDRESS

| From | To | Value | Token | First transaction | Last transaction |
|-------|-------|------------------|-------|---------------------|---------------------|
| 0x... | 0x... | 1,077,441,859.00 | USDT | 2022-03-09 08:34:55 | 2022-03-09 08:34:55 |
| 0x... | 0x... | 547,441,859.00 | USDT | 2022-03-09 08:34:55 | 2022-03-09 08:34:55 |
| 0x... | 0x... | 77,441,859.00 | USDT | 2022-03-09 08:34:55 | 2022-03-09 08:34:55 |
| 0x... | 0x... | 0,441,859.00 | USDT | 2022-03-09 08:34:55 | 2022-03-09 08:34:55 |

TOTAL: DETAIL

ADDRESS: 0x... WATCH REPORT FRAUD

Overview Transfers OSINT Mentions

Previous update: 31.08.2022 08:43:15

NICKNAMES: [redacted]

PHONE: [redacted]

E-MAIL: [redacted]

PROBABLE REGION: Russia (Moscow (58), St-Petersburg (315)), Ukraine (Kiev)

IP: [redacted]

SOCIAL NETWORKS: Facebook, Telegram, Instagram, V Kontakte, Other

PHOTO (TG / SOCIAL NETWORK): [redacted]

TELEGRAM INFO: History name in TG, Telegram groups in which the user is spotted, What and how often the user was interested in TG

ADDRESS: 0x... WATCH REPORT FRAUD

Overview Transfers OSINT Mentions

MENTIONED ON THE INTERNET MENTIONS FROM DATASETS

<https://forum.freelon.org> > pro... > Перевести эту страницу
Proposed candidates for the use of DeNS and governance token ...

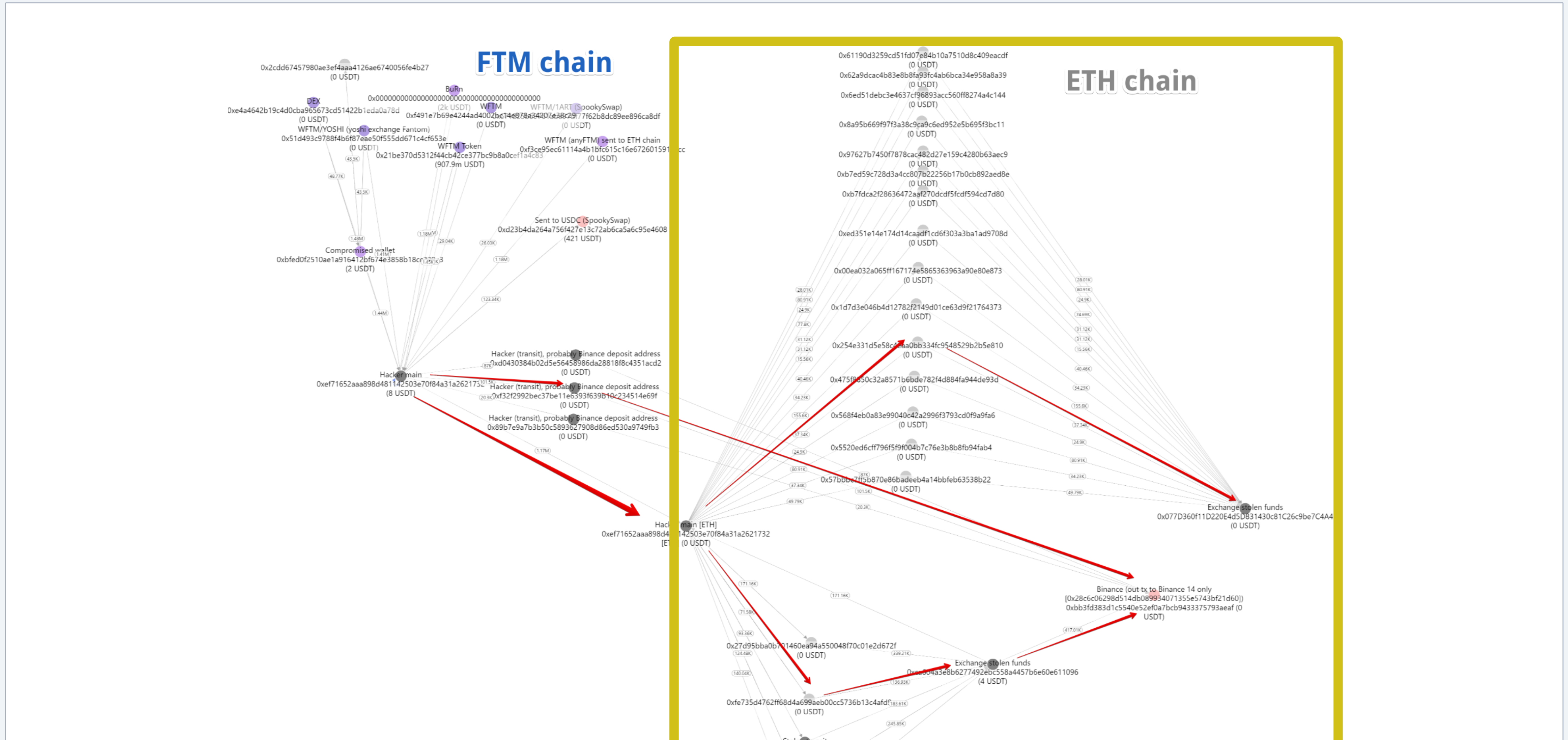
<https://forum.everscale.network> > ... > Перевести эту страницу
Proposal: Introduction to the smart contract for voting # 28

<https://scale.domains> > expired > Перевести эту страницу
DeNS by SuperArmor - Everscale Domains

MENTIONED ON THE INTERNET MENTIONS FROM DATASETS

| Связь по (тип) | Известное значение | Тип нового значения | Новое значение |
|------------------|--------------------|---------------------|----------------|
| Telegram никнейм | [redacted] | Телефон | [redacted] |
| Телефон | [redacted] | Адрес | [redacted] |
| Телефон | [redacted] | Место работы | [redacted] |
| Телефон | [redacted] | Автомобиль | [redacted] |

Погружаемся в детали транзакций, совершенствуем алгоритм





Спасибо за внимание!

AMLCRYPTO.IO