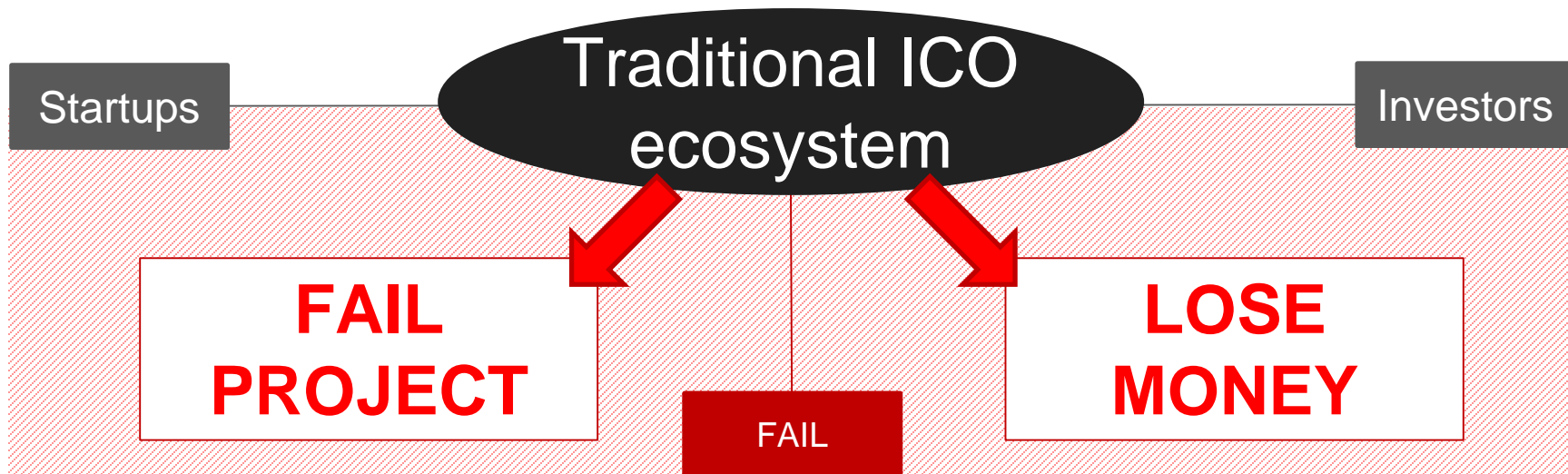


Team Ventuary

An ICO rating ecosystem to gives investors huge returns & helps startups scaling up exponentially.

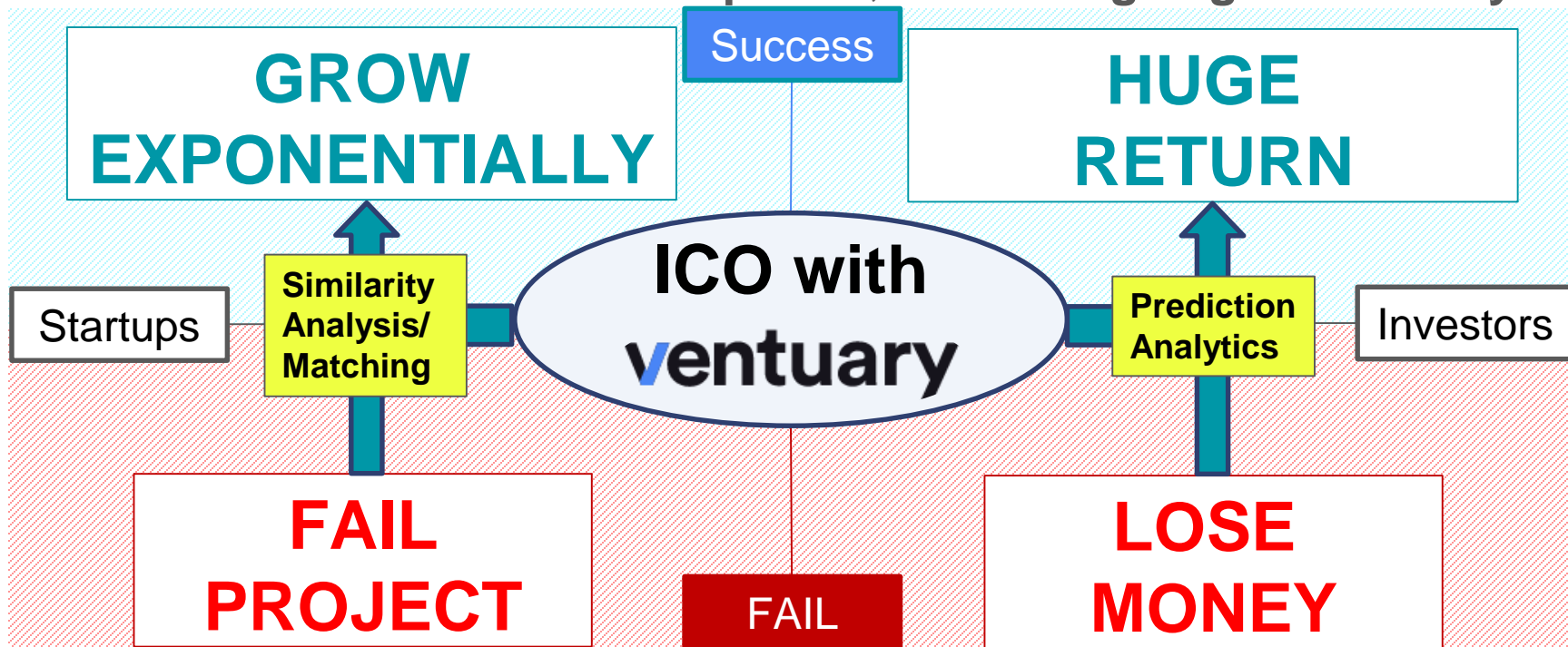
ICO ecosystem Lacks of unbiased information

- ICO information ambiguity leads to **POOR ICO Information matching** between startups and investors, as well as **increase of ICO frauds**.
- **POOR ICO Information matching** mean **startups fail projects, and Investors lose their money**



AI-Powered ICO rating ecosystem Concept

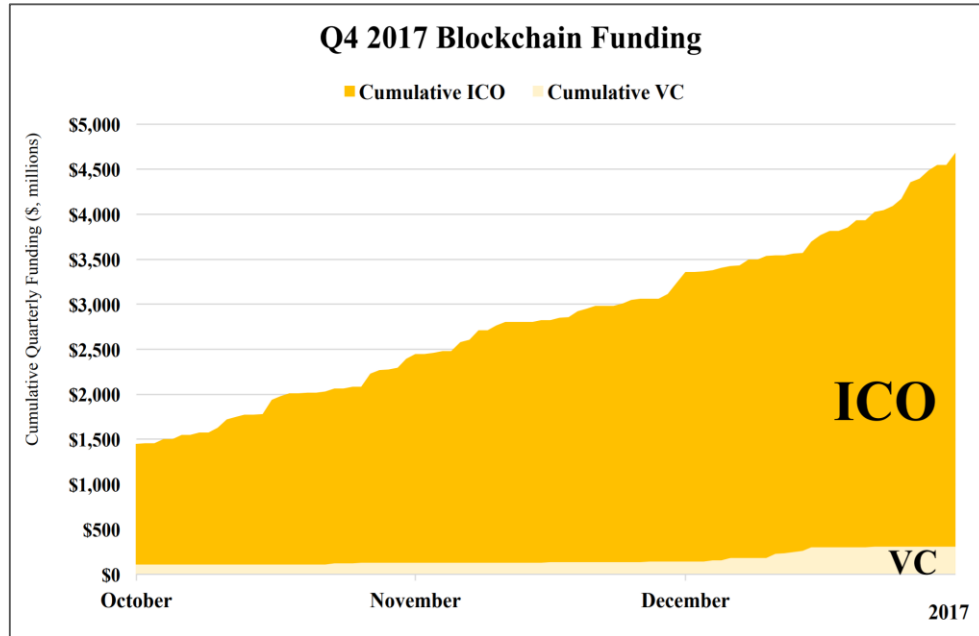
- Provides **real-time investing insights**, and **unique search functions**
- Armed with **thousands of data points**, and **cutting edge data analytics**



Some ICO insights...

Amount of Funding in ICO are sky rocking

16x
more Funding



VC
\$200M

Top Deals:

Bit Go \$43M
BitPay \$30M

ICO

\$3,23B

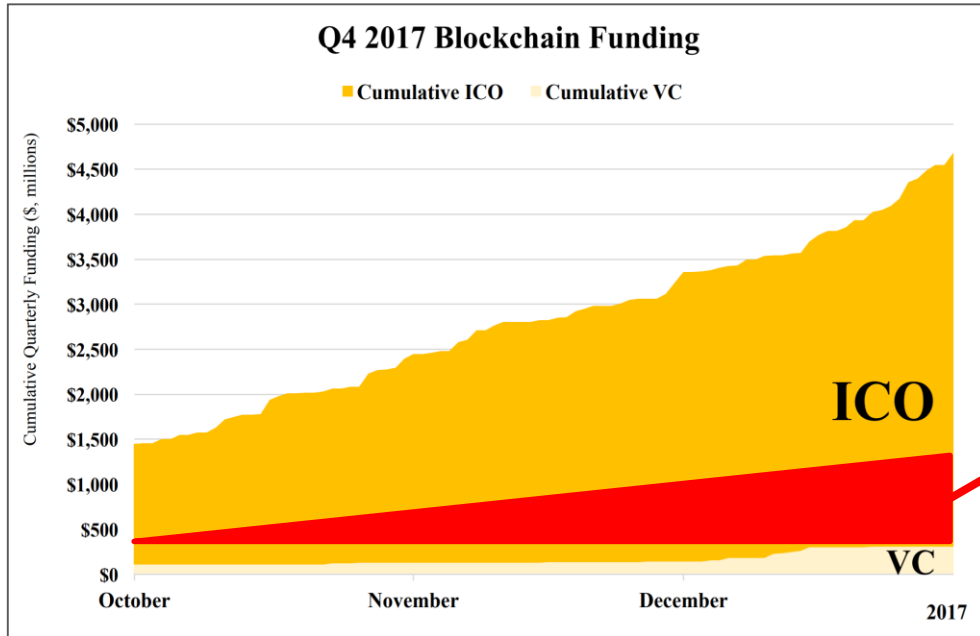
Top Deals:

Sirin Labs \$158M
Polkadot \$145M

Note: Deals under \$100,000 excluded, \$ amount at time raised, including only fundraisers ending in "Q4 2017" (10/1/17 – 12/31/17)

Data Source: CoinDesk Venture Capital Database, CoinDesk ICO Tracker, CrunchBase

of ICO **Frauds** are also sky rocking!

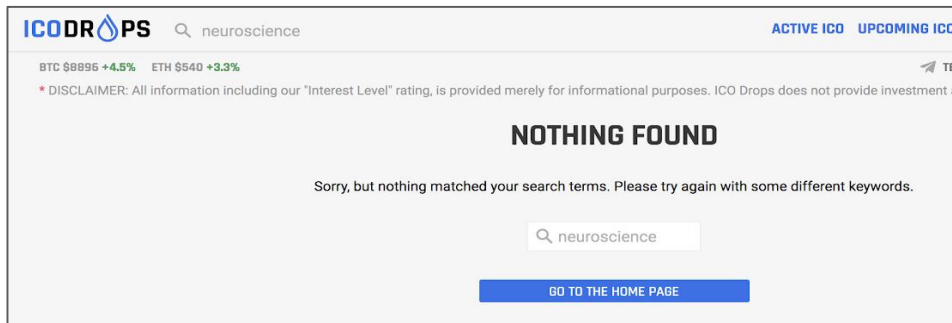


10%
of ICOs are Frauds

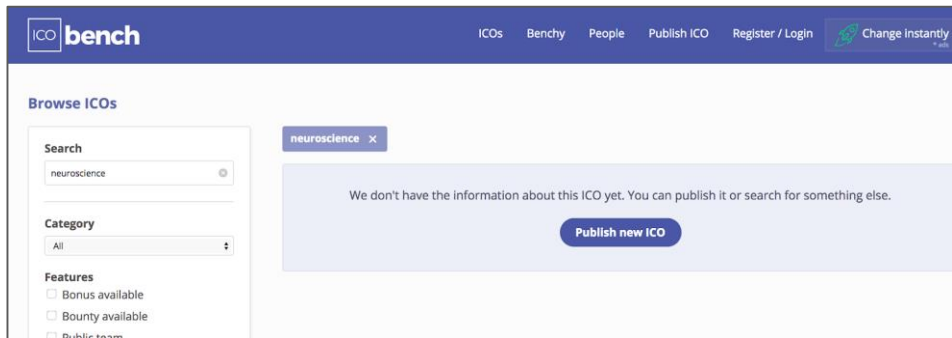
**Estimated ICO Frauds
\$300M
(only in one quarter)**

Note: Deals under \$100,000 excluded, \$ amount at time raised, including only fundraisers ending in "Q4 2017" (10/1/17 – 12/31/17)
Data Source: CoinDesk Venture Capital Database, CoinDesk ICO Tracker, CrunchBase

Current ICO rating sites suck.



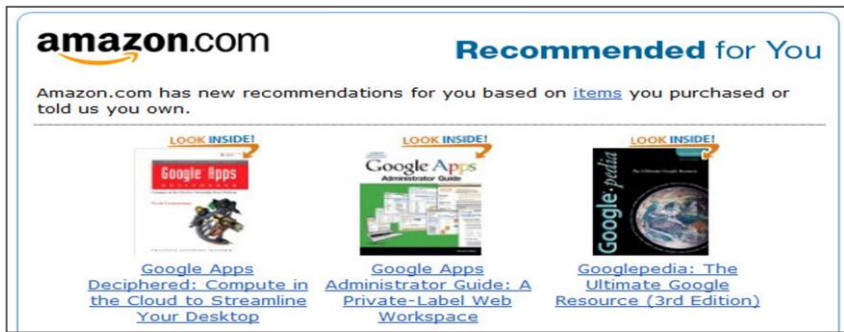
Any keyword that are
NOT on their list



“NOTHING FOUND”
(Poor Matching)

How we build our ICO rating ecosystem

Similarity Analysis/Matching



Predictive Analytics



EASY Matching
(Highly Customizable)



SAFE Investment
(Unbiased Information)

Our ICO rating ecosystem works because of...

Technology!

Data Science Tech Details - Ventuary Research



Cindicator

Trading Platform

status
TRADED

subscribed

topics

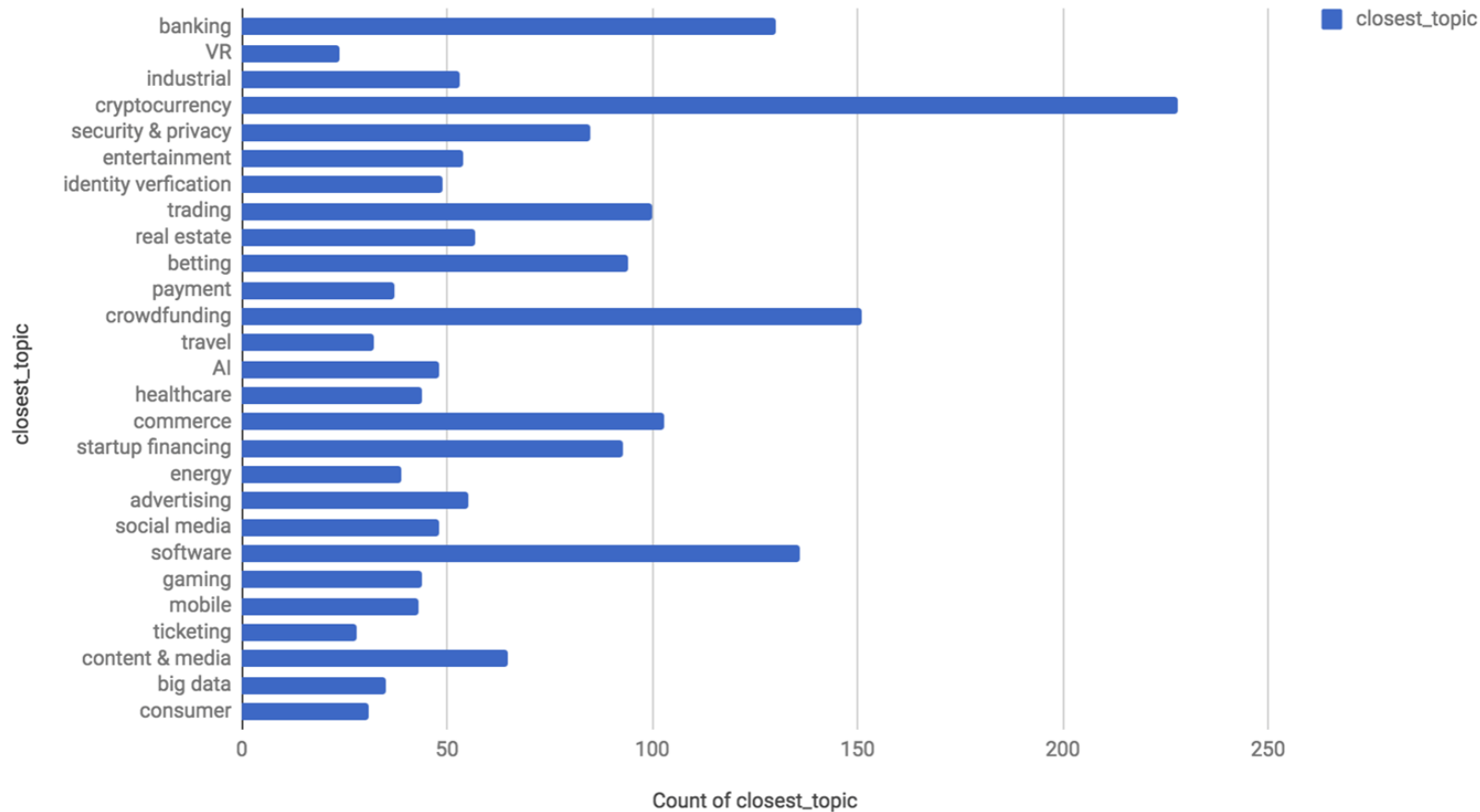
Trading

Artificial Intelligence

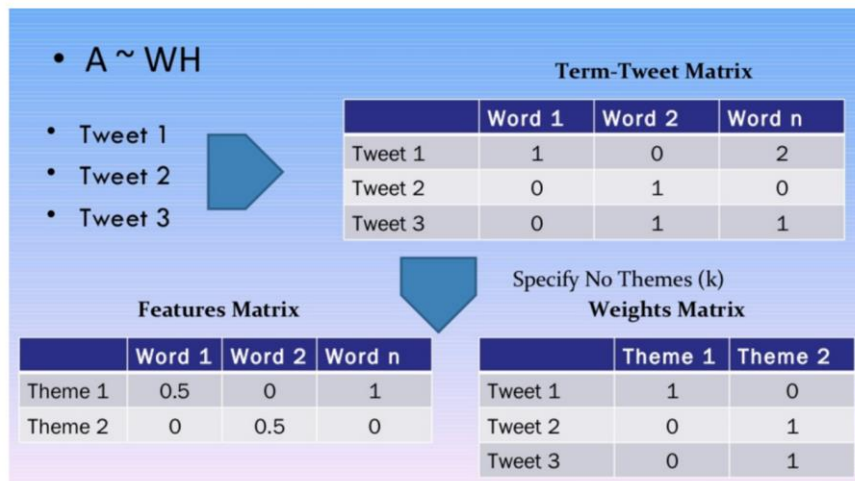
Analytics

ROI
1.5
score

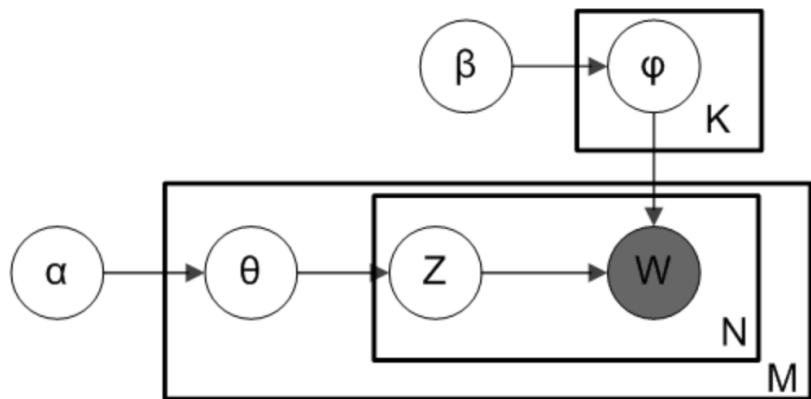
Count of closest_topic



We applied Latent Dirichlet Allocation + NMF:



The resulting matrices from the NMF algorithm



Topic 01:
life, opportunity, want, also, us, many, problem, part, main, believe, get, become, would, great, problems
non-profit

Topic 02:
game, games, players, gaming, player, play, gambling, gamers, cards, items, casino, playing, fair, used, card
gaming

Topic 03:
data, control, store, storage, personal, share, chain, api, suppliers, private, stored, consumer, database, insights, marketplace
big data

Topic 04:
content, creators, video, media, news, providers, revenue, streaming, copyright, quality, monetize, fans, videos, reward, also
media

Topic 05:
energy, renewable, electricity, green, producers, power, clean, demand, markets, consumers, directly, efficiency, sector, production, efficient
energy

Topic 06:
payment, payments, credit, card, pay, travel, accept, businesses, merchants, cards, fiat, commerce, seller, marketplace, com
payment

Topic 07:
estate, property, properties, rental, construction, land, invest, income, buyers, investments, city, portfolio, profit, buy, opportunity
real estate

Topic 08:
fund, capital, investing, invest, investments, portfolio, venture, returns, startups, markets, investor, shares, invested, lending, icos
startup funding

Topic 09:
social, media, communication, networks, activity, communicate, influencers, rewards, events, promote, meet, sharing, communities, reward, results
social media

Topic 10:
mining, miners, equipment, mine, power, cloud, operation, self, electricity, virtual, per, software, profit, profitable, eco
mining

Topic 11:
healthcare, medical, health, patient, care, patients, records, providers, doctors, insurance, better, provider, electronic, treatment, systems
healthcare

Topic 12:
betting, sports, bet, bets, players, esports, casino, gambling, games, events, player, limits, traditional, sport, risk
betting

Topic 13:
eth, million, 10, cap, 2017, supply, crowdsale, 00, maximum, pre, amount, sold, per, raised, august
ico info

Topic 14:
protocol, applications, chain, distributed, consensus, infrastructure, blockchains, economy, adoption, build, existing, tools, core, solutions, layer
protocol

Topic 15:
mobile, years, call, devices, phone, device, apps, website, applications, android, internet, operators, ios, fintech, communications
mobile

Topic 16:
ethereum, ether, erc20, bitcoin, anyone, lottery, code, transparent, get, erc, venture, buy, exchanges, issued, standard
ethereum (erc20)

Topic 17:
security, cloud, storage, protection, level, cost, internet, protect, fully, software, encryption, privacy, keys, resources, encrypted
cybersecurity

Topic 18:
advertising, advertisers, publishers, internet, ad, ads, affiliate, fraud, video, traffic, attention, audience, networks, free, transparent
advertising

Topic 19:
ai, learning, intelligence, machine, artificial, neural, human, intelligent, tools, networks, complex, hybrid, analysis, edge, strategies
AI

Topic 20:
system, account, holders, participants, transfer, banking, lending, p2p, insurance, eco, loan, rating, electronic, free, integrated
banking (p2p lending)

Topic 21:
consumers, loyalty, food, rewards, points, cash, merchants, customer, reward, program, consumer, programs, purchases, merchant, purchase
consumer

Topic 22:
vr, virtual, reality, entertainment, music, augmented, culture, video, live, worlds, esports, technologies, players, games, governance
VR

Topic 23:
exchanges, trade, traders, markets, order, trader, liquidity, trades, buy, account, fiat, copy, stock, profit, traded
trading

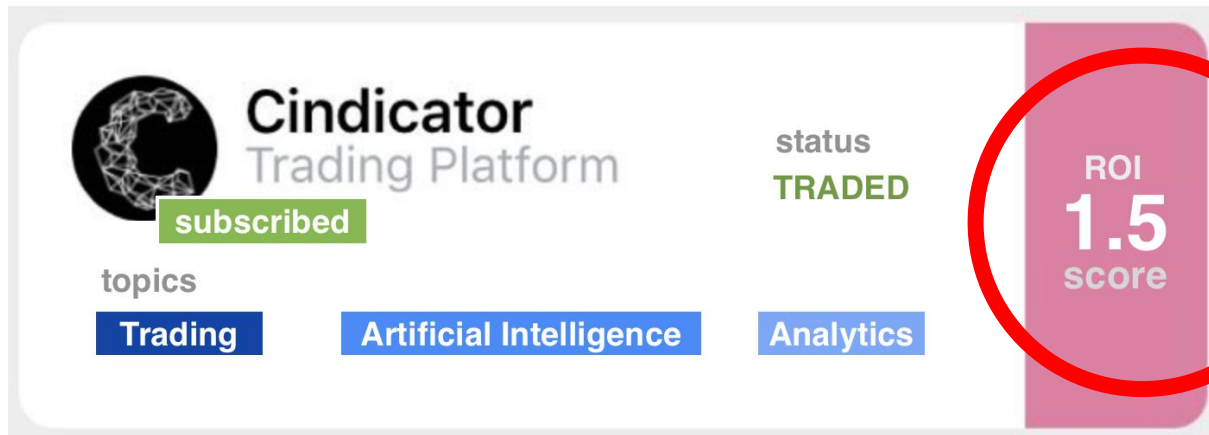
Topic 24:
wallet, transfer, bitcoin, anonymous, wallets, fee, payments, private, send, public, cash, key, card, store, servers
money transfer

Topic 25:
features, main, components, staking, phase, buyers, basic, current, set, 00, cross, key, advantages, list, also
features

Topic 26:
gold, backed, physical, fiat, reality, stored, fee, com, standard, credit, transfer, buy, fraction, supply, modern
value storage

Topic 27:
identity, verification, documents, authentication, conduct, document, trust, cryptography, end, verify, benefits, easier, strategy, privacy, party
identity verification

Topic 28:
ticket, tickets, event, events, buy, purchase, venture, booking, fee, secondary, buyers, get, works, sell, prize
ticketing

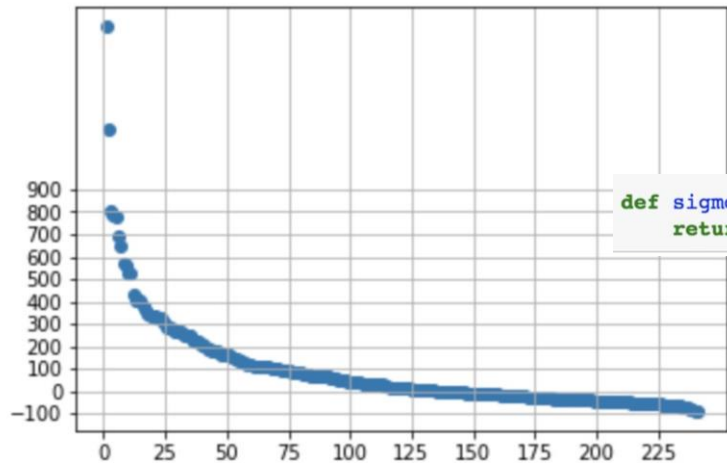


Let's predict this ROI score based on probability distribution of the topics!

We have only **~250** samples with ROI history and **>1500+** without it

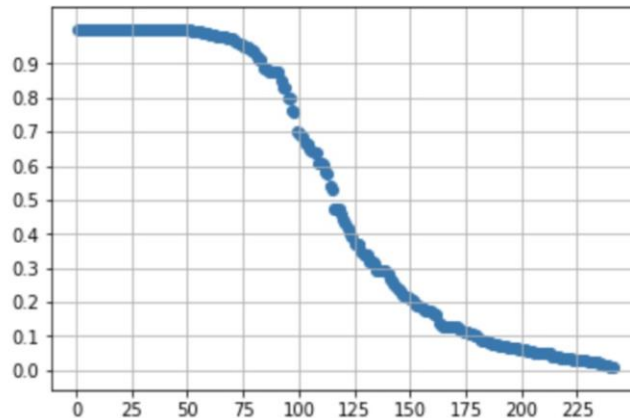
We have 3 Average ROIs (90 days after listing on the exchange) - 1. **USD**, 2. **BTC**, 3. **ETH**

```
plt.title = "Average 90-days %-ROI USD for TGE-founded projects"
```



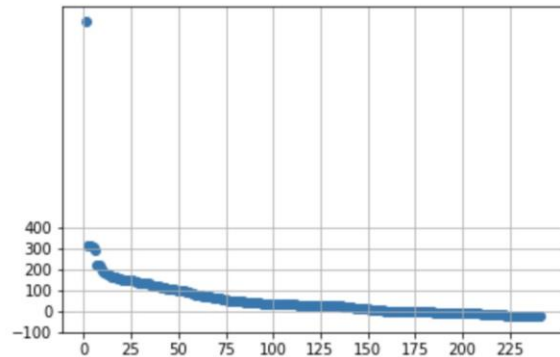
```
def sigmoid(x):  
    return 1 / (1 + math.exp(-(x-20)/23))
```

```
plt.title = "SCORE: Average 90-days %-ROI USD for TGE-founded projects"
```

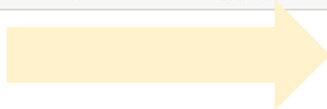


We have 3 Average ROIs (90 days after listing on the exchange) - 1. USD, 2. BTC, 3. ETH

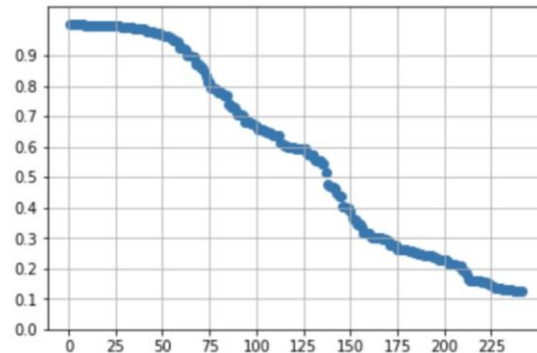
```
plt.title = "Average 90-days %-ROI ETH for TGE-funded projects"
```



```
def sigmoid(x):  
    return 1 / (1 + math.exp(-(x-20)/23))
```

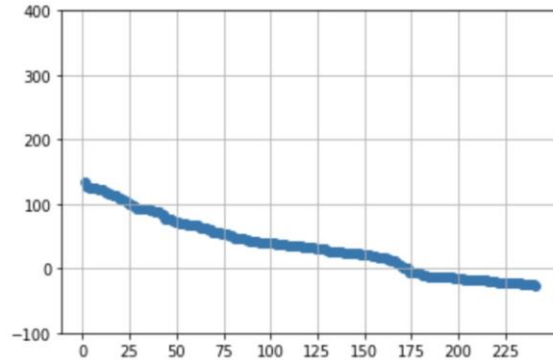


```
plt.title = "SCORE: Average 90-days %-ROI ETH for TGE-funded projects"
```



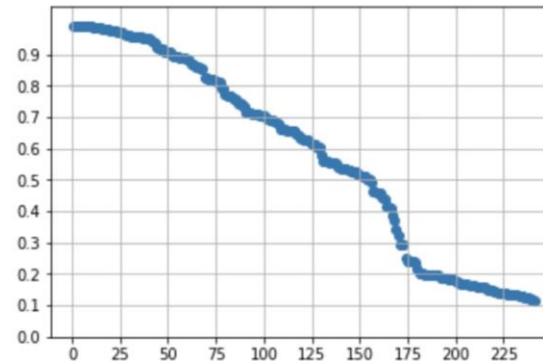
We have 3 Average ROIs (90 days after listing on the exchange) - 1.USD, 2.BTC, 3.ETH

```
plt.title = "Average 90-days %-ROI BTC for TGE-funded projects"
```

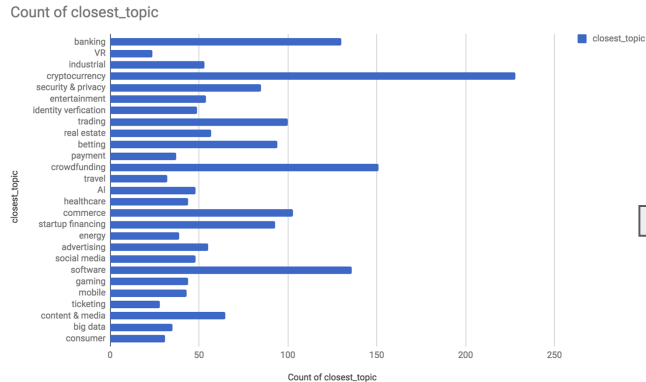


```
def sigmoid(x):  
    return 1 / (1 + math.exp(-(x-20)/23))
```

```
plt.title = "SCORE: Average 90-days %-ROI BTC for TGE-funded projects"
```

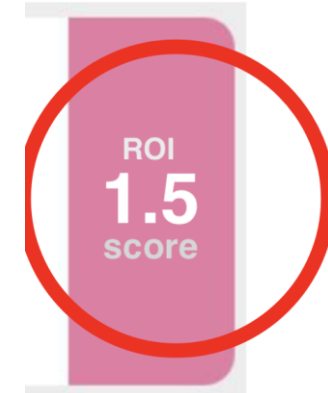


1. Using Topic Probabilities as a factors we'll run Machine Learning (regression model) to predict SCORES
2. Evaluating ROI-empty profiles and predicting ROI-Scores based on topic distribution
3. **Ventuary ROI-Score** = Geometric Mean of USD/BTC/ETH **Predicted Scores**

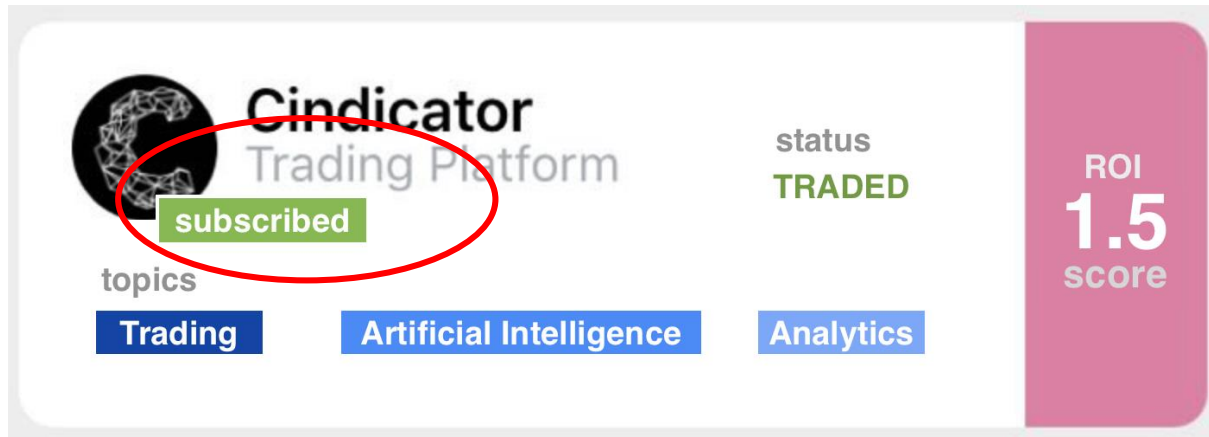


Linear Regression

Prediction



Topics as regression factors



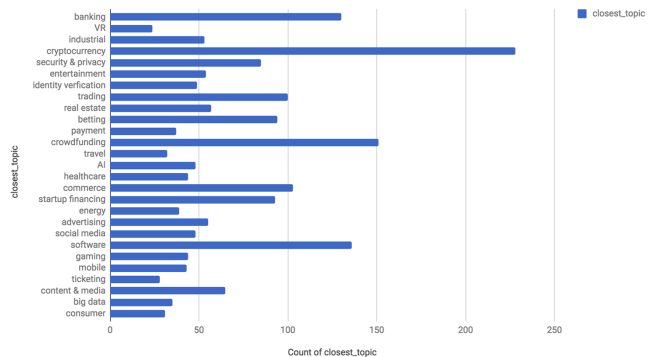
Tracking selected project and similar projects in terms of Topic Distribution:

Event examples:

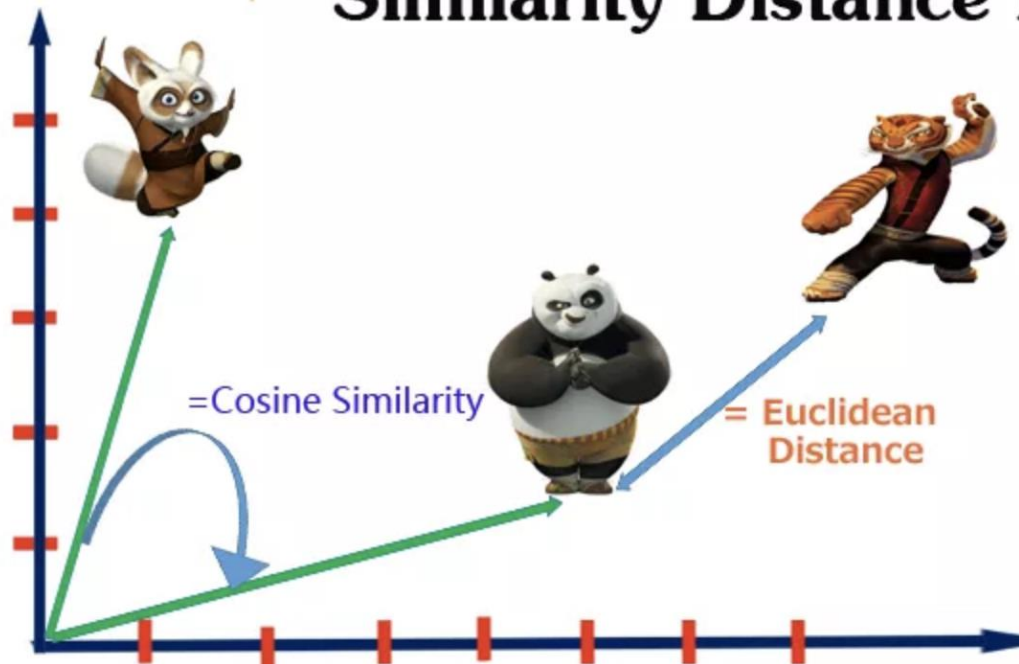
- "Hi, there is new project **appeared**! It's similar with project **X** you subscribed"
- "Hi, there is a project **listed** on Binance! It's similar with project **X** you subscribed"
- "Hi, there is a project started **token emission**! It's similar with project **X** you subscribed"
- "Hi, there is a project with **max price records**! It's similar with project **X** you subscribed"
- "Hi, there is a project with **hard cap success**! It's similar with project **X** you subscribed"

“Similar Project” - cosine distance between 2 topic vectors

Count of closest_topic



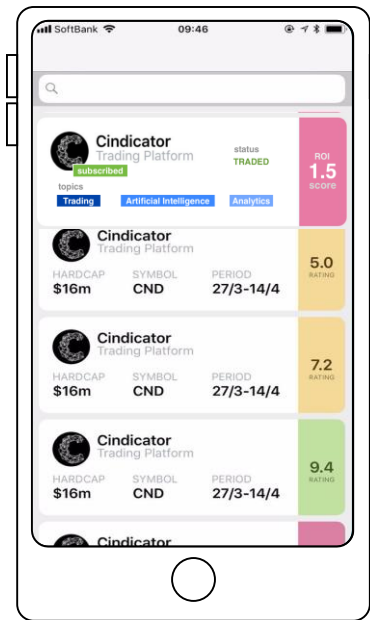
Similarity Distance



Service model

We make money out of this ecosystem

**FREE
Membership**



- **Basic ICO Information**
- **Rate Scoring**
- **Similarity Search**

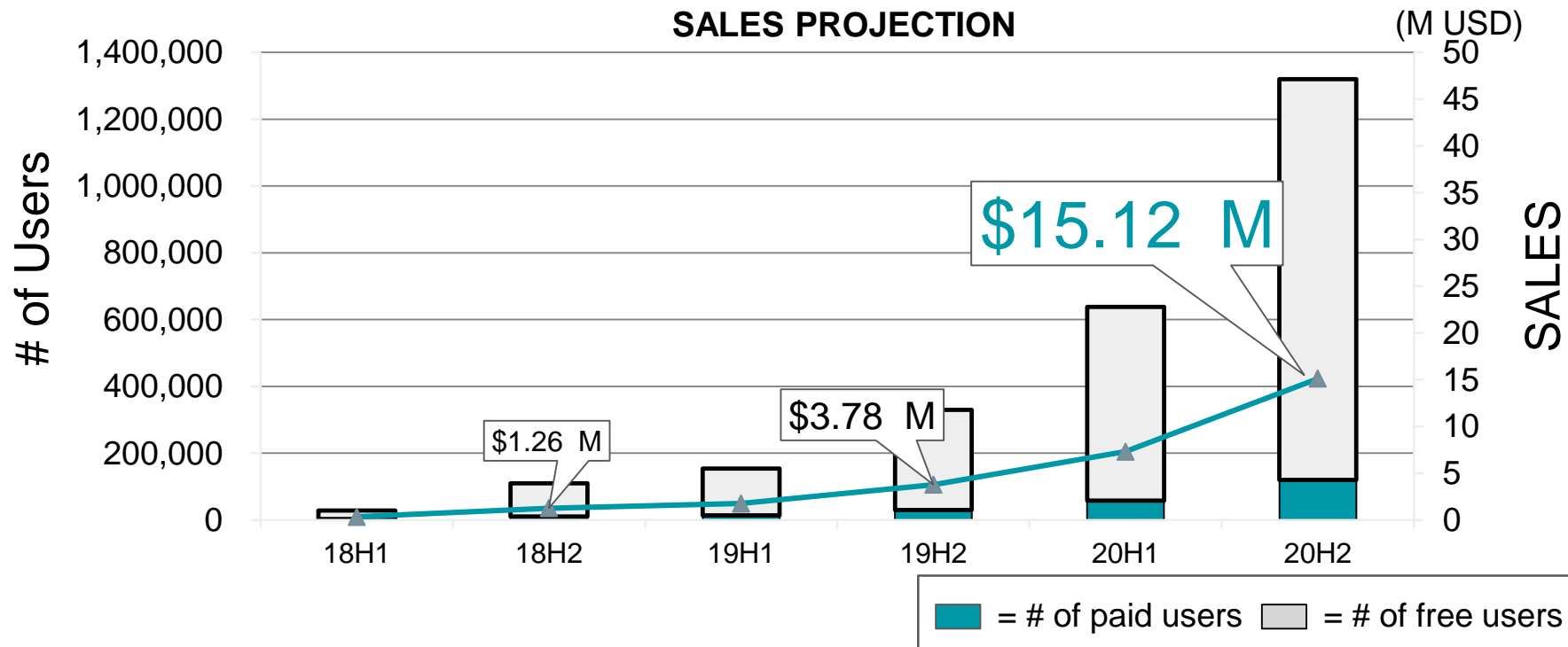
**Monthly fee
Subscription**

- **+ Unlimited Filter**
- **+ Custom Lists**
- **+ Custom Alert**
- **+ Rank & Trend Score**
- **+ Real-time Analysis tools**

\$29.99/Mo
(First month free)

We will keep attracting MORE ICO players

- 10% of Users are the PAID Users → MORE USERS = **MORE MONEY**



ventuary