

NFT ANALYTICS HACKATHON



WHO AM I?



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**Avery
Smith - Data Career Jumpstart**

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CRYPTO CURRENCY



NFT



web3?

Web1.0 - website is only readable

Web2.0 - website is readable & users can create it

Web3.0 - website is readable, creatable, & users can own/control it

web3?



Taken from Enlearn Academy: <https://enlearn.academy/web-1-0-vs-web-2-0-vs-web-3-0-e428cf09dce>

web3 pillars



Blockchain

Decentralization

Token-based Economics

web3 products

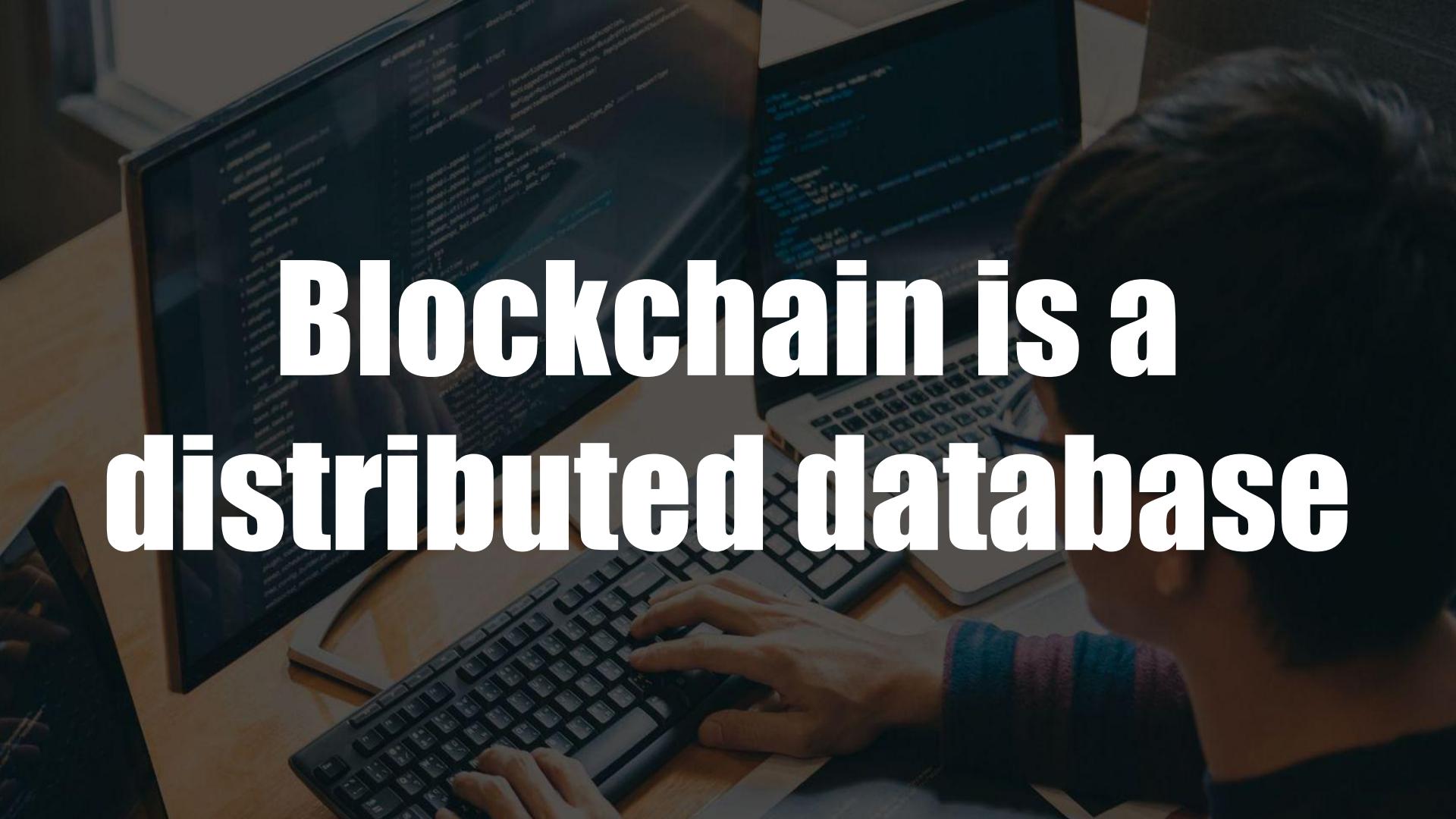
A photograph of a person working at a desk with multiple computer monitors. The screens display various lines of code and data, suggesting a developer or researcher environment. The person's hands are visible on a keyboard in the foreground.

DeFi (Decentralized Finance)

Cryptocurrency

Non-Fungible Tokens

Blockchain is a distributed database



What is blockchain?

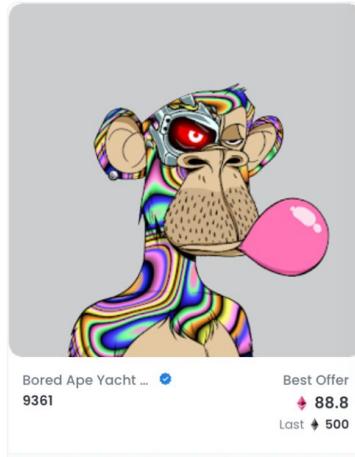
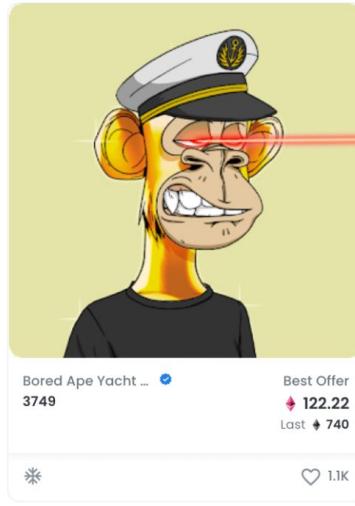
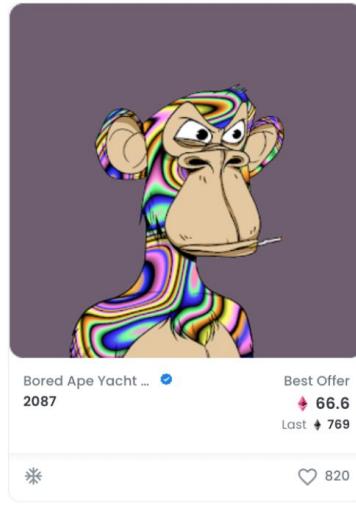
- **Distributed database**
- **Guarantees fidelity & security**
- **Data is stored in blocks and chained together**
- **Every transaction is recorded & immutable (cannot be changed)**

A UNIVERSAL DATABASE FOR ANYTHING



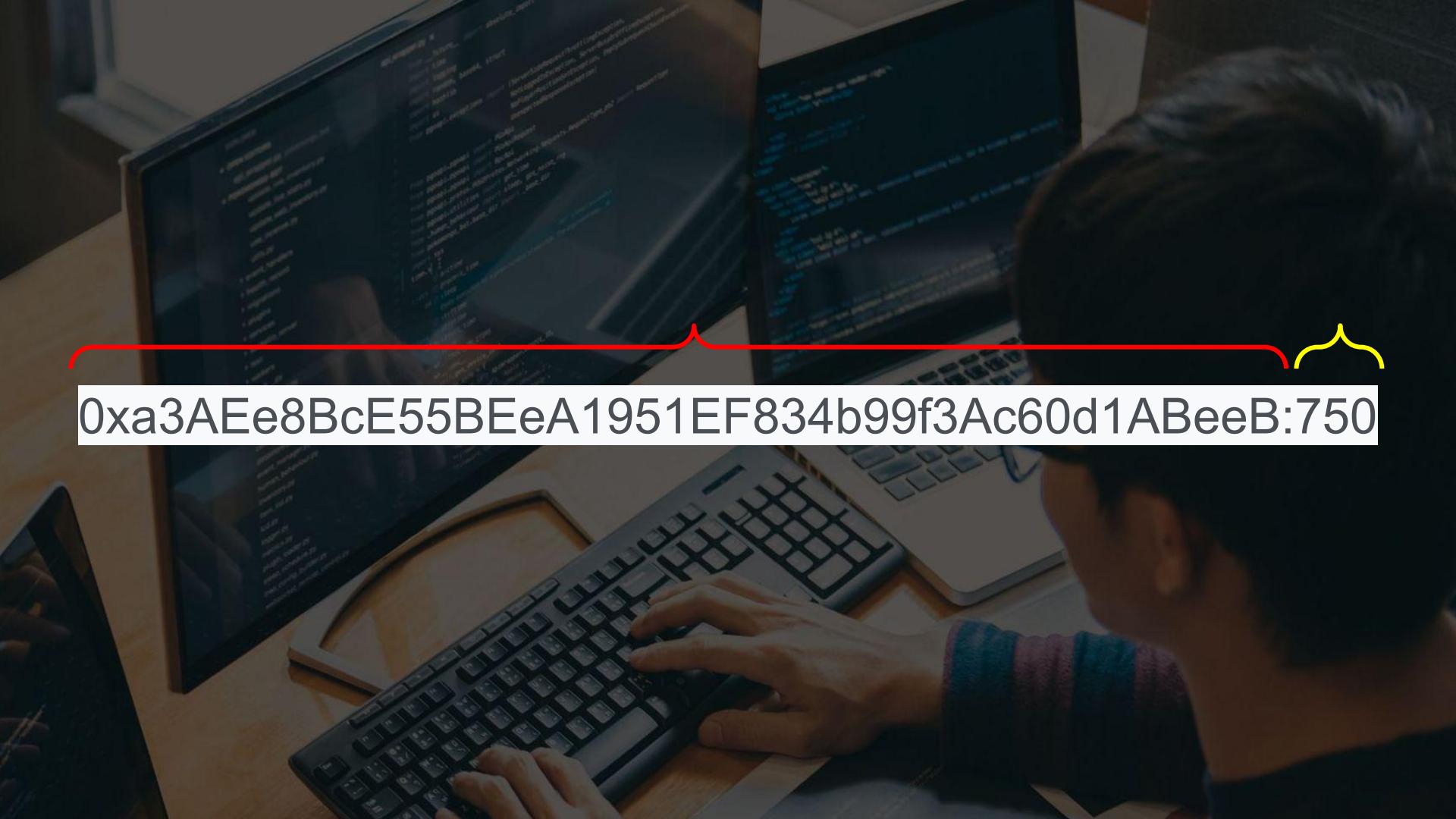
Enter Non-Fungible Tokens (NFT's)

- **Fungible** means “can be replaced”
- **An non-fungible asset on the blockchain**
- **Crypto is fungible** (1 BTC can be traded for 1 BTC) and it’s the same.
- People think funny animal art, but could be anything or nothing



OpenSea

- **Secondary Market**
- **Properties**
- **Volume**
- **Transfers**
- **EtherScan**



0xa3AEe8BcE55BEeA1951EF834b99f3Ac60d1ABeeB:750

Podcast Panther

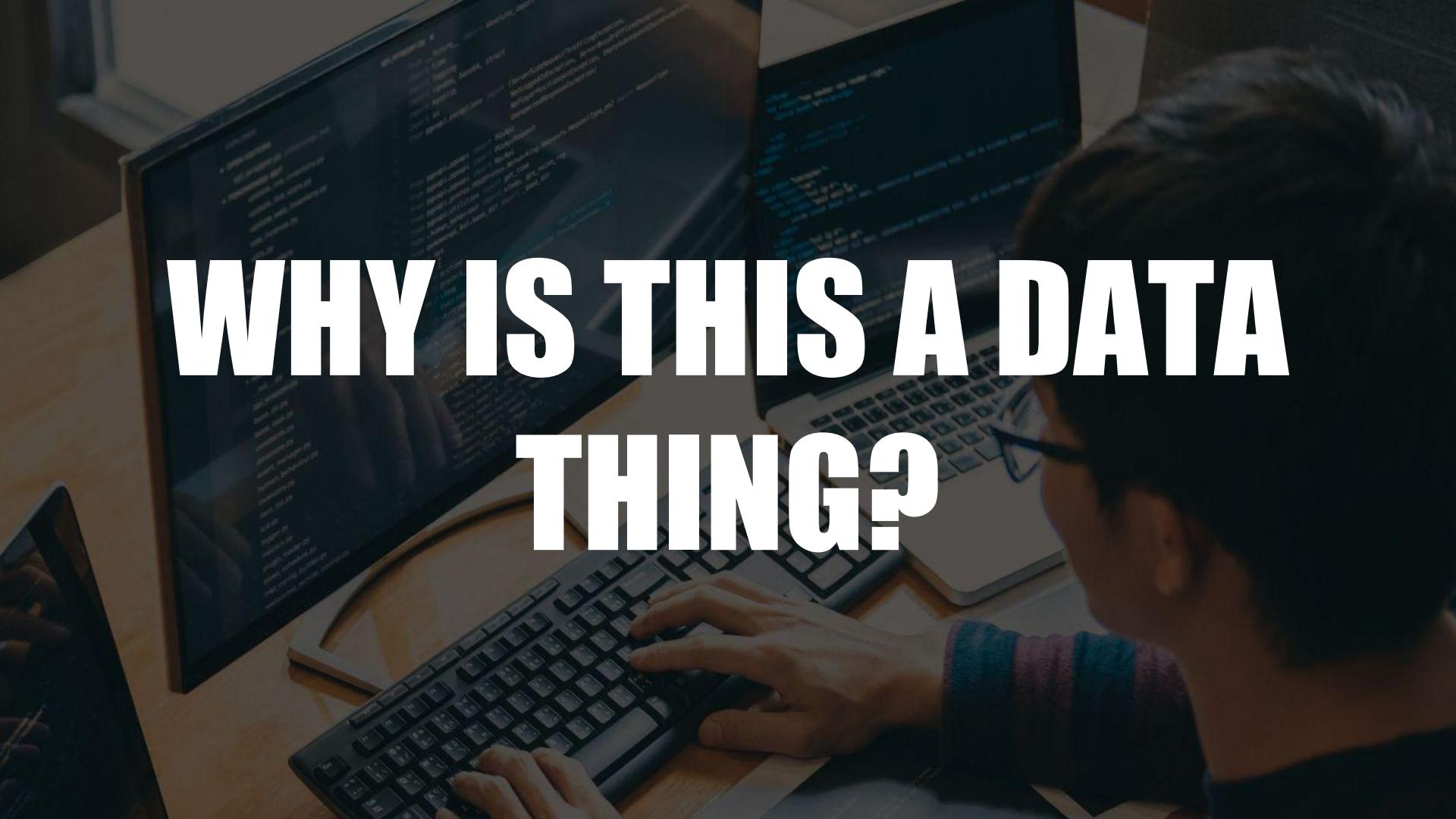
Each holder of a Podcast Panther token will have Gary Vaynerchuk appear as a guest on their podcast for forty (40) minutes per "year" (i.e.)

This token is verifiable for admission to VeeCon 2022, 2023, 2024

120 ETH ~ \$360,000 USD



WHY IS THIS A DATA THING?



Why web3 & data are tied?

- **web3 is just a big database**
- **New industry / field**
 - Data applies to all fields**
 - Gold rush theory**
- **Impossible to read on your own**
- **Democratizes Markets**

Analytics Use Cases in web3

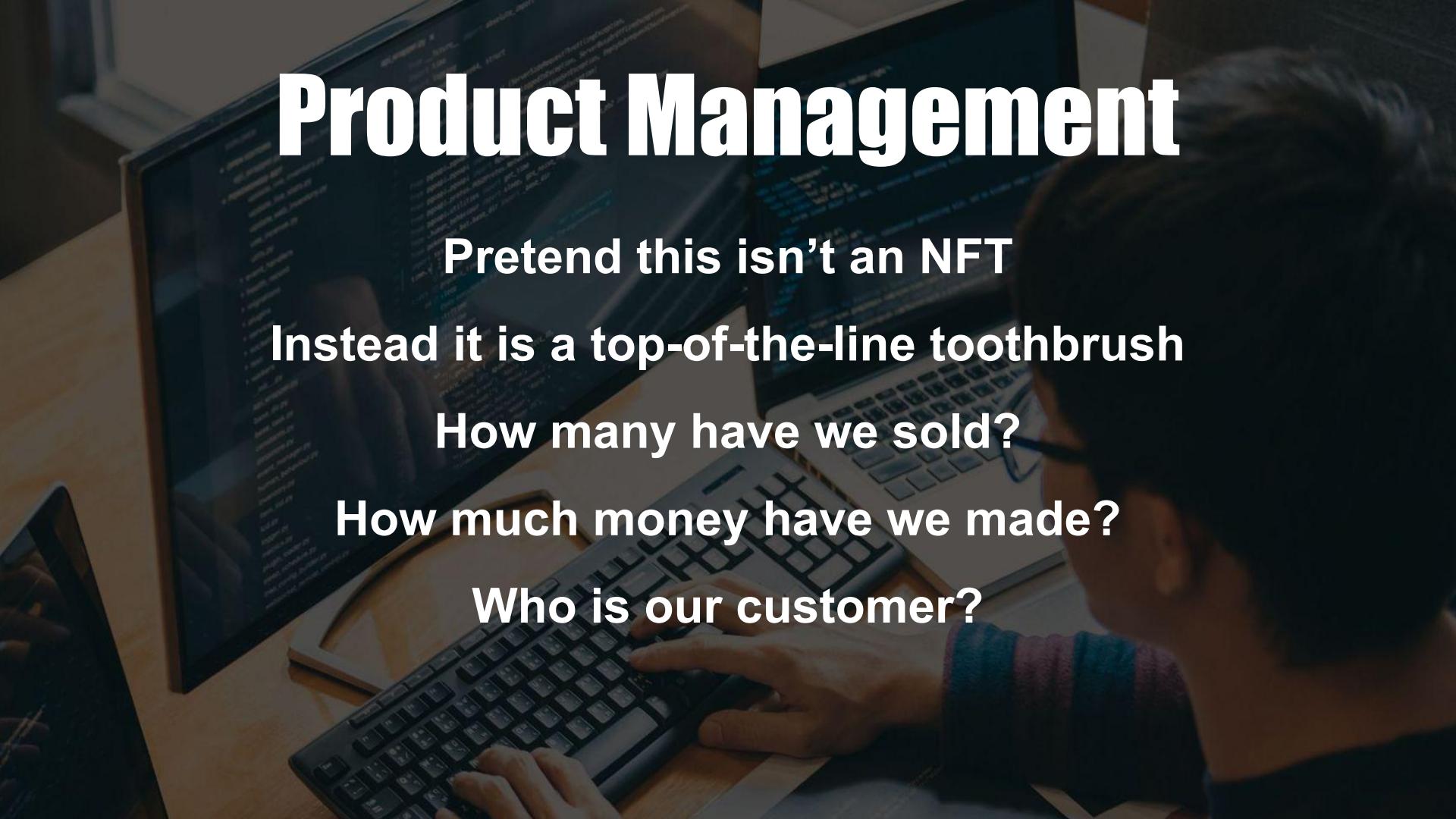
A photograph of a person sitting at a desk, viewed from the side and slightly from behind. They are wearing glasses and a dark-colored sweater. Their hands are on a keyboard in the foreground, and they are looking at two computer monitors. The screens show lines of code and data, suggesting a developer or analyst working with blockchain technology.

Project Management

Fraud Detection

Market Exploration

Product Management



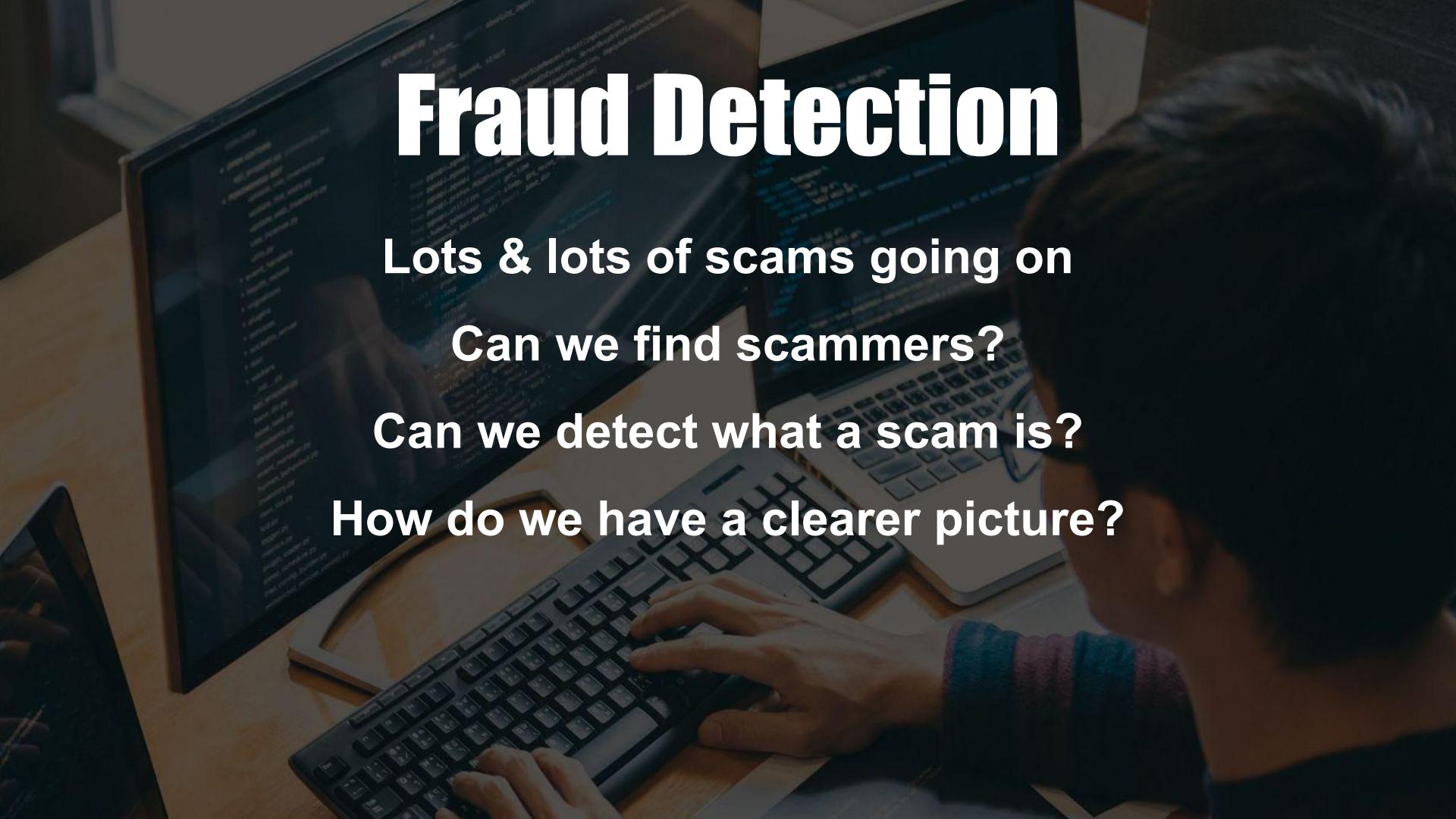
Pretend this isn't an NFT
Instead it is a top-of-the-line toothbrush

How many have we sold?

How much money have we made?

Who is our customer?

Fraud Detection



Lots & lots of scams going on

Can we find scammers?

Can we detect what a scam is?

How do we have a clearer picture?

Market Exploration



Who owns what?

How much of a market does someone control?

How similar our the customers?

What might be “next”?

MetaStreet Loan Evaluation

Choose a Date

DateInput 

2022-01-01

Apply

```
# find values
cv_eth = df_agg[df_agg['day'] == DateInput]['cv_eth'].values[0]
cv_usd = df_agg[df_agg['day'] == DateInput]['cv_usd'].values[0]

# Print it out
print(f'The collateral value in ETH of this NFT on the selected data is {cv_eth:.2f} ETH')
print(f'The collateral value in USD of this NFT on the selected data is {cv_usd:.2f} USD')
```

The collateral value in ETH of this NFT on the selected data is 59.74 ETH
The collateral value in USD of this NFT on the selected data is 242577.33 USD

Dune Analytics

@avery / The Flower Girls Dashboard (WIP)

#NFT #Flower Girls

unnamed_parameter default value

The Flower Girls

[Website](#)
[OpenSea](#)
[Twitter](#)
[Instagram](#)

The Flower Girls: Current Distribution

3,869 Unique Owners

Created by [@NFTDataAnalyst](#)

If you find this useful, please hit that star in the top right so other people can find it!

Still a work in progress so don't take everything for truth

Built largely on work done by [@nftchrist](#)

Daily Floor The Flower Girls: Floor

Volume [All Time] flower girls kpis

3,932 Volume [All Time]

Sales [All Time] flower girls kpis

14,005 Sales [All Time]

The Flower Girls: Current Distribution

140 Most Owned

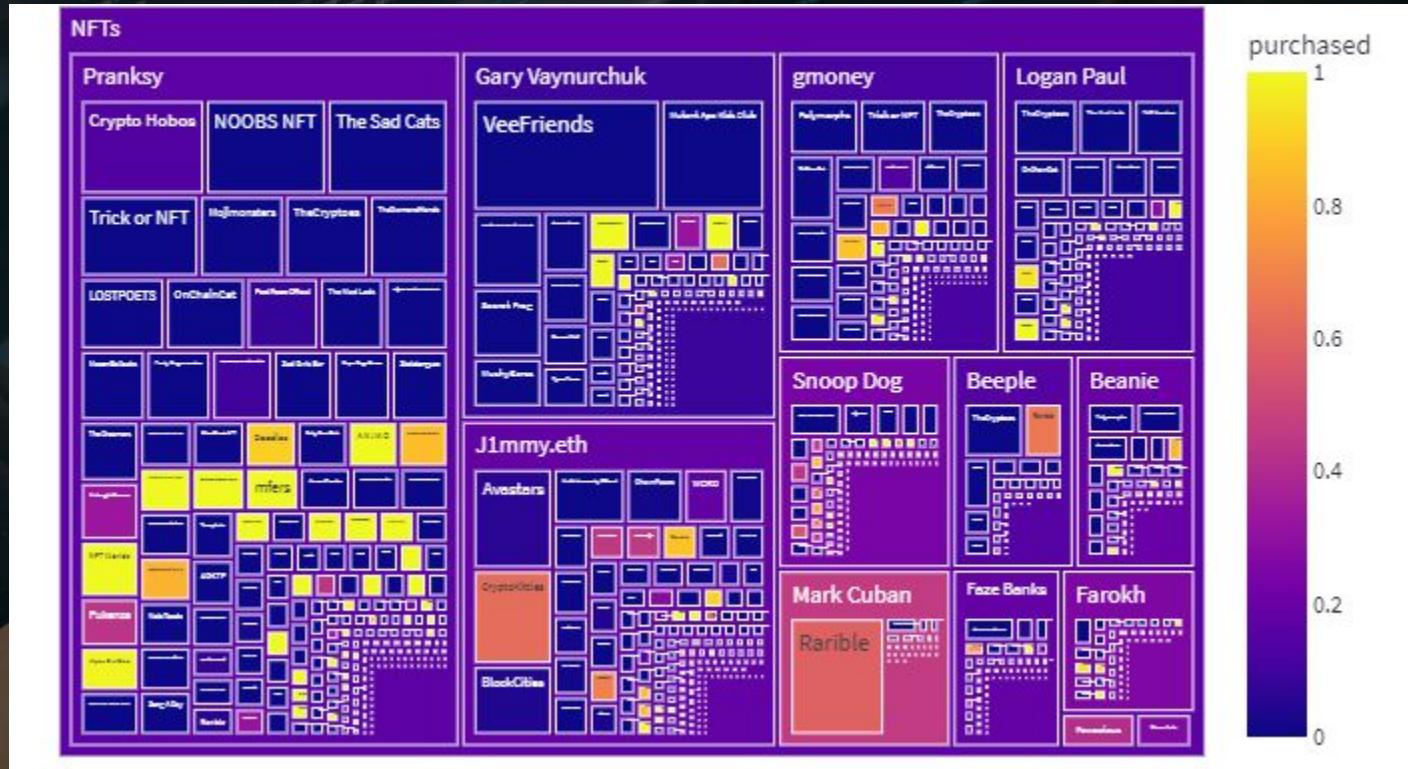
Flower Girl Owners FlowerGirlTopHolders

Wallet	# Flower Girls	Flower Girl ID
\xf580b4f2399327de61de0a58c56b90501e7486	140	8800, 5791, 9424, 2451, 1779, 4061, 998, 4277, 985 ...
{difathead,nftrich}	111	8893, 1669, 5878, 4846, 6756, 5218, 5588, 7094, 61 ...
{riz}	88	1838, 1814, 1816, 1858, 1844, 1842, 1840, 1778, 17 ...
{wynote}	80	7422, 1751, 7192, 7918, 8443, 2476, 7199, 6475, 87 ...
\xb534e93b968a0f39bc05b11d2c82a342d625b31	79	9898, 5847, 3848, 1500, 886, 4348, 20, 4924, 5268, ...
\x8ea78ed23f26ff6adb747b76b621cf2c8e252c3c	76	2847, 3412, 4864, 3323, 2663, 2661, 2218, 3319, 33 ...

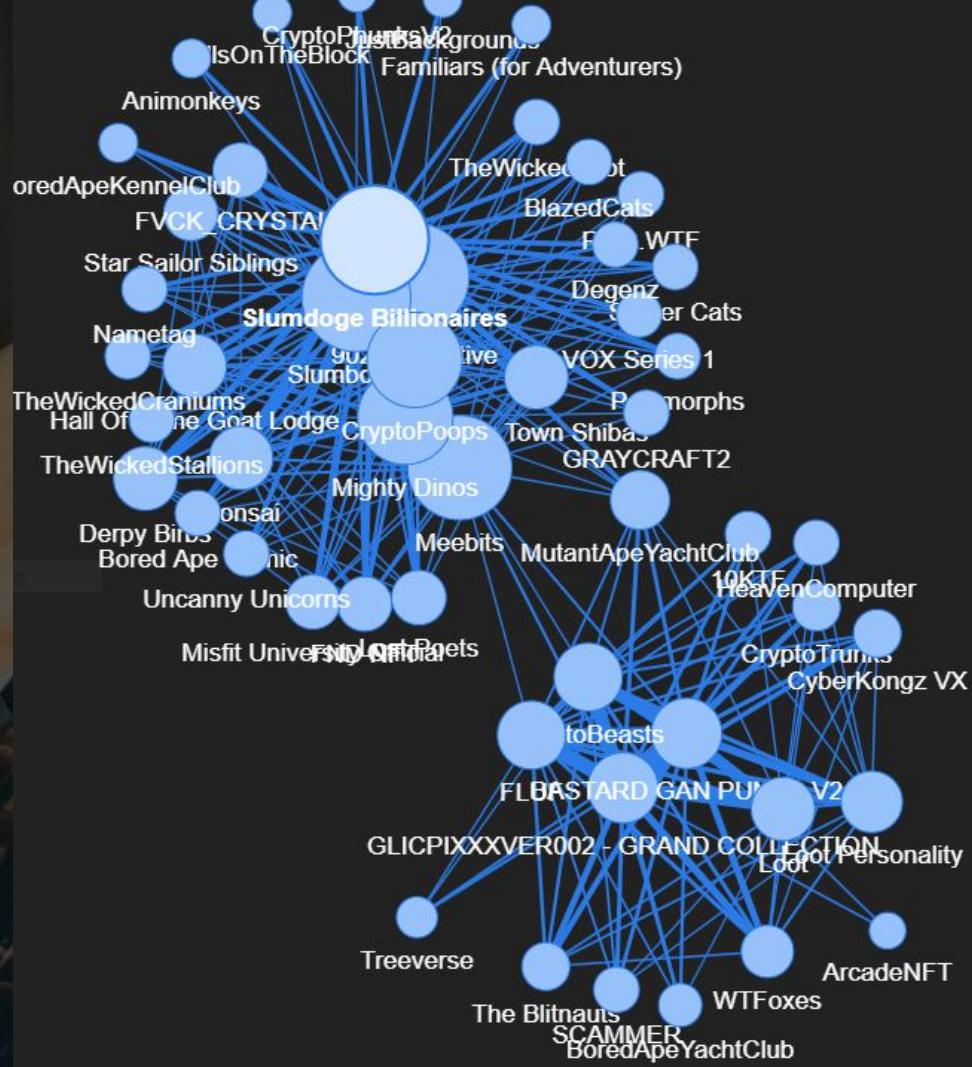
Floor [ETH]

Dune Analytics

Ken Jee + Avery Analysis

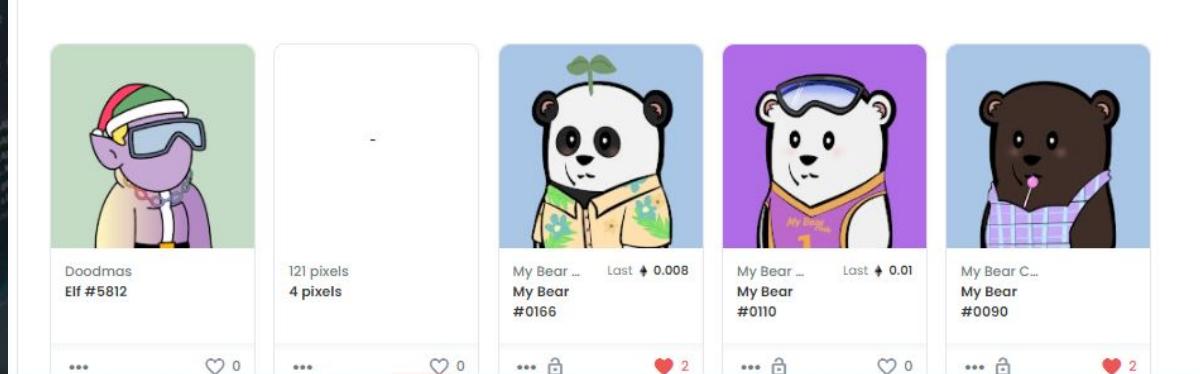


Network Analysis



My NFT's

<https://opensea.io/averys>



<https://tokentrove.com/account/collection/BookGames>



Ambition At The Highest
Level #2619



Humility Is Delicious
#7597



Kind Fucking Candor
#94171



Kindness Over
Everything #89765



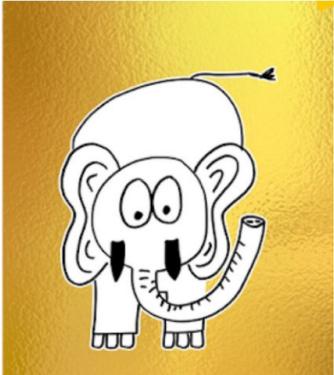
Love of Optimism
#103110



Patience Helps You Get
Fed Instead Of
Slaughtered #103193

VeeFriends





VeeFriends 🐘
Empathy Elephant
Last ♦ 130



VeeFriends 🐘
Podcast Panther
Best Offer ♦ 15
Last ♦ 120



VeeFriends 🐘
Alert Ape
Best Offer ♦ 26.013
Last ♦ 105



VeeFriends 🐘
Adaptable Alien
Best Offer ♦ 26.013
Last ♦ 100



VeeFriends 🐘
Thoughtful Three Horned
Harpik
Best Offer ♦ 15
Last ♦ 90



VeeFriends 🐘
Thoughtful Three Horned
Harpik
Last ♦ 85



VeeFriends 🐘
Entrepreneur Elf
Best Offer ♦ 26.013
Last ♦ 80



VeeFriends 🐘
"Diamond Hands" Hen
Price ♦ 369.95
Last ♦ 80

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