

ANONYMIZED SOCIAL PROFILE FROM BLOCKCHAIN TRANSACTIONS

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**COMPUTATIONAL SOCIAL
SCIENCE**

PROGRESS **SO FAR**



COLLECTED DATA FOR TOP 100 DEFI SMART CONTRACTS AND TOP 6 NFT PLATFORMS



COLLECTED USERS & THEIR TRANSACTION HISTORY FOR ALL THE PLATFORMS



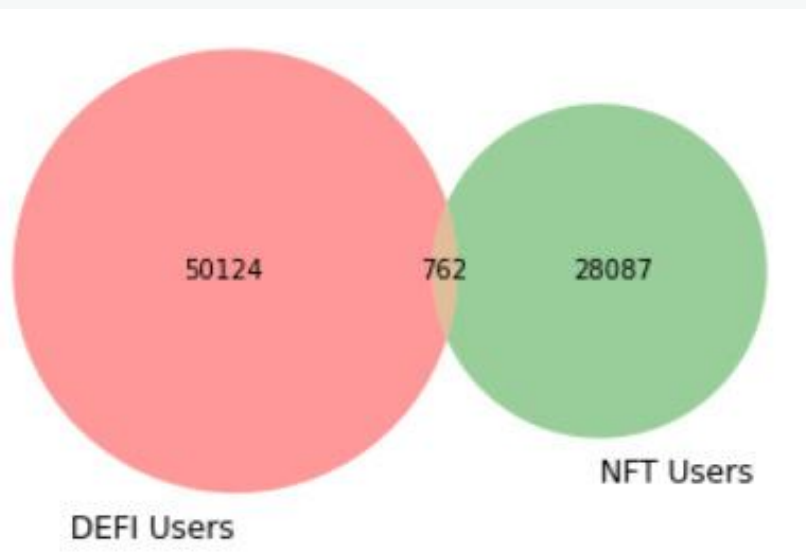
PERFORMED FEATURE EXTRACTION FOR EACH USER TO HELP PROFILE USERS (WITHOUT ML)



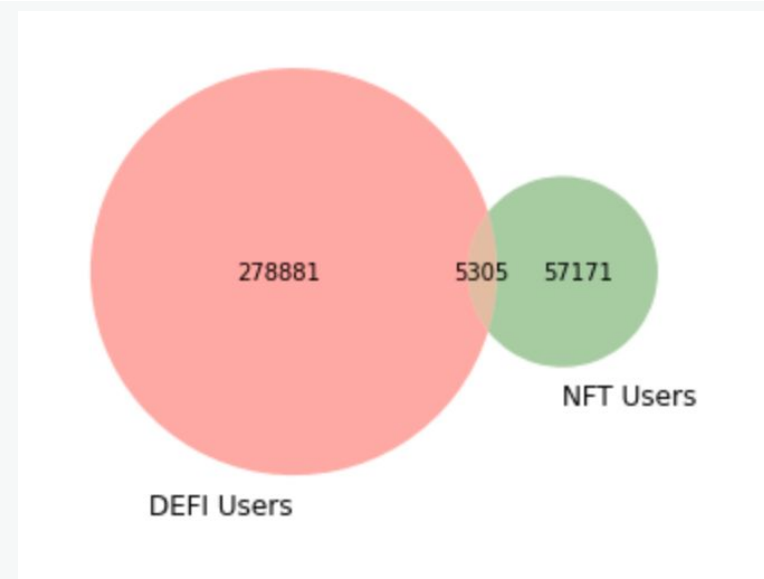
CREATED A SCORING MECHANISM TO SEE HOW SIMILAR TWO USERS (WALLETS) ARE

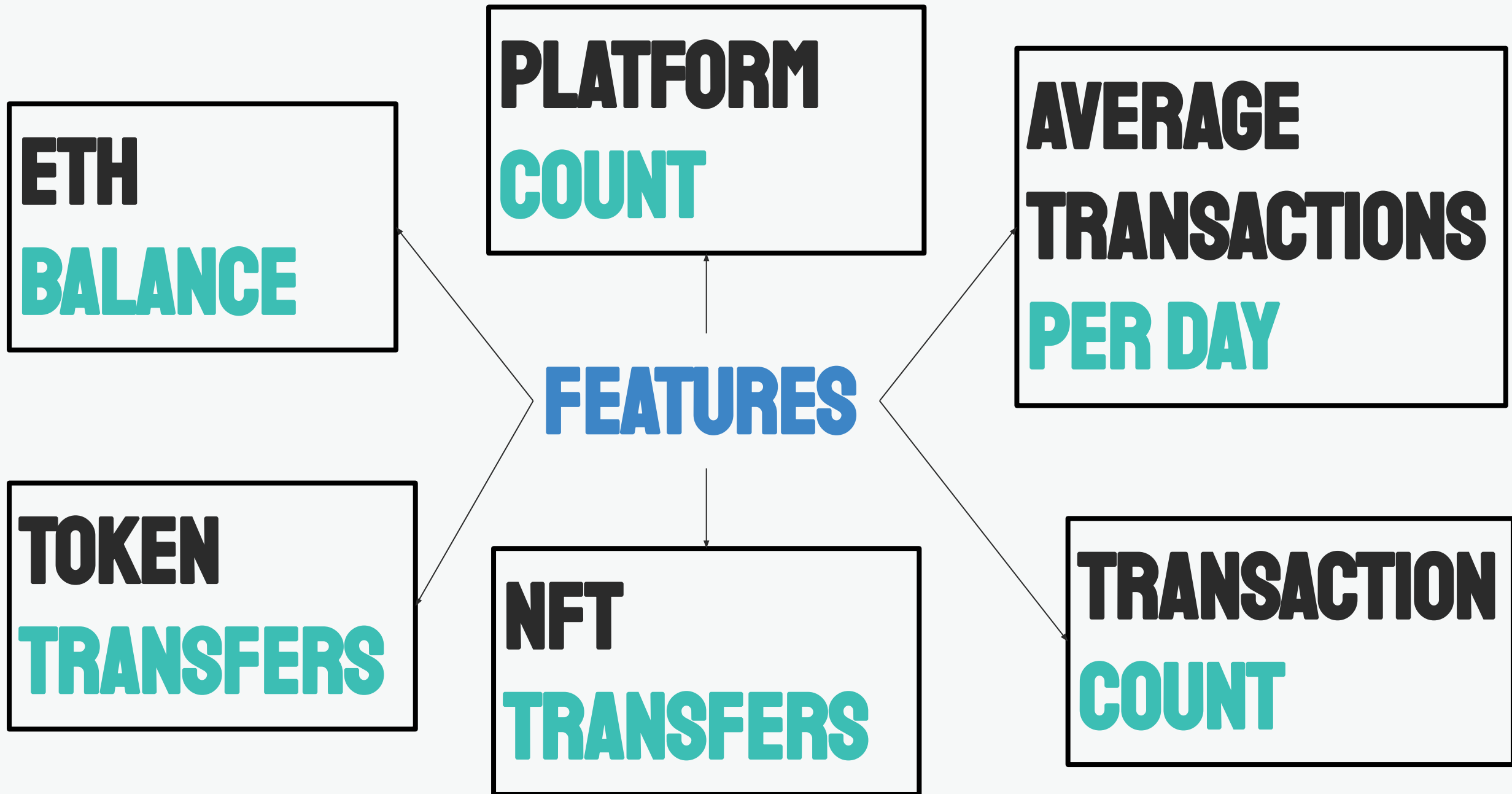
COMPARATIVE ANALYSIS

Label	Count
-----	-----
DeFi Unique Users	50124
NFT Unique Users	28087
Common Users	762
Total Unique Users	77449



Label	Count
-----	-----
DEFI Unique Users	278881
NFT Unique Users	57171
Common Users	5305
Total Unique Users	330747





Overview

Balance:

0.272699238238714663 Ether

Value:

\$823.85 (@ \$3,021.11/ETH)

More Info

My Name Tag:

Not Available, [Update?](#)







Transactions

Erc20 Token Txns

Analytics

Comments

Latest 6 from a total of 6 transactions

Txn Hash	Method	Block	Age	From	To	Value
 0x0d846e41d08332e8d3...	Transfer	14454401	21 days 10 hrs ago	0x3af4ec7a4d920eb599...	OUT trp399.eth	0.036020978617947 Ether
 0x3535ed4d1626f97184...	Transfer	14451920	21 days 19 hrs ago	0x3af4ec7a4d920eb599...	OUT trp399.eth	0.048334279879647 Ether
 0x2e607e848b9dda788c...	Deposit	13794089	123 days 17 hrs ago	0x3af4ec7a4d920eb599...	OUT Convex Finance: CRV D...	0 Ether
 0x6829d07902ca18c829...	Approve	13794086	123 days 17 hrs ago	0x3af4ec7a4d920eb599...	OUT Curve.fi: CRV Token	0 Ether
 0xb64bd16b519aa1620c...	Uniswap V3Swap	13794083	123 days 17 hrs ago	0x3af4ec7a4d920eb599...	OUT 1inch v4: Router	3.1675 Ether
 0x700ab7aa4cf28f87438...	Transfer	13794064	123 days 17 hrs ago	Binance 17	IN 0x3af4ec7a4d920eb599...	3.56757634 Ether

```
"0x3af4ec7a4d920eb59917143c726a70da56dbaf13":
{
  "Ether Balance": 0.27269923823871467,
  "Overall Transaction Count": 6,
  "Average Transactions Per Day": 3.0,
  "Platform Transaction Count": {
    "Curve Finance": 1,
    "Convex Finance": 1
  },
  "Platform Average Transactions Per Day": {
    "Curve Finance": 0.5,
    "Convex Finance": 0.5
  },
  "User Counts": {
    "DEFI": {
      "User Count": 2,
      "Transaction Count": 3
    },
    "NFT": {
      "User Count": 0,
      "Transaction Count": 0
    }
  },
  "Other Platforms Count": {
    "0x1111111254fb6c44bac0bed2854e76f90643097d": 1
  },
  "Token Transfers": {
    "Curve DAO Token": {
      "buys": 1,
      "sells": 1
    }
  },
  "NFT Transfers": {}
}
```



ETH BALANCE



TRANSACTION COUNT & AVG TRANSACTIONS



PLATFORM COUNTS & AVG PLATFORM TXNS



USER COUNTS



OTHER PLATFORM COUNTS



TOKEN TRANSFERS



NFT TRANSFERS



TO COMPARE ANY 2 SCALAR FEATURES

$$1 - \frac{\text{difference of values}}{\text{sum of values}}$$



























WEIGHTS TO COMPARE ANY 2 VECTOR FEATURES

$$\frac{\text{Sum of corresponding elements}}{\text{Total of all elements in both vectors}}$$

```
weights = {  
    "bal_score": 1,  
    "trans_score": 2,  
    "avg_trans_score": 4,  
    "platform_trans_score": 6,  
    "platform_avg_score": 8,  
    "other_score": 1,  
    "defi_user_score": 2,  
    "defi_trans_score": 3,  
    "nft_user_score": 2,  
    "nft_trans_score": 3,  
    "token_score": 4,  
    "nft_platforms_score": 4,  
}
```

"0x4ff59de3cb9aa738f09493838b84447e90b238c3_0x9ceed86bf15bf9c406ea88a2ed58478250b7d1f0": 96.67256395329608,
"0x00aef83b702b470cf5f316da538bb84baf29451e_0x5bf9c602edf9b370cb89f648358788031270c3fc": 96.36508251746167,
"0x00aef83b702b470cf5f316da538bb84baf29451e_0x8ee9b4bb42c147dbc387fc742bdf8d84021b71c2": 95.79318218876355,
"0x00aef83b702b470cf5f316da538bb84baf29451e_0x3bf89ac115a8eba0b690de557292caed242145f3": 90.88969542951823,
"0xb5dabadde14273010da7215e3ba535fc353711d6_0x12e06a1fdc0c23a86d918e2f440db38eaf838587": 90.0,
"0xebbeab519cb0499a9bb68df974104132e76f29c4_0x01927bbe8f6cf676068bc70a3a48a69db6b4a15b": 90.0,
"0xebbeab519cb0499a9bb68df974104132e76f29c4_0x7f4c8360f3f910c6a5776521f2164d6b0958f1cb": 90.0,
"0xebbeab519cb0499a9bb68df974104132e76f29c4_0x8600ec62ac36a119fe7a59b3ecc2e77209c6066f": 90.0,
"0x24886e22e9b12c00741d614fccd26dec1119c025_0x659673cecb02e097a9ede297525c4b515cccf5a0": 90.0,
"0xf1ed6955acb24440b301299ccd9468c66acc29b8_0xc03ddfd9a891f16619710a6caf41beb7b56324be": 90.0,
"0xb342a461caec02a1db81965443dbcb026a0a15d7_0x3f1fd64b328284f4a34abf477e2f918cd3f891cc": 90.0,
"0xb342a461caec02a1db81965443dbcb026a0a15d7_0xe4fc000a901e8929652725631f04d360192899ba": 90.0,
"0xb342a461caec02a1db81965443dbcb026a0a15d7_0x9f16378c73efe28e114c8339234bfde720153739": 90.0,
"0xb342a461caec02a1db81965443dbcb026a0a15d7_0x346f1974c8347c6a00923504774f028c3c12a3fc": 90.0,
"0xb342a461caec02a1db81965443dbcb026a0a15d7_0x2745c3b42e32e8dfbf663acf513fe20949697743": 90.0,
"0xb342a461caec02a1db81965443dbcb026a0a15d7_0x6fa475a4cf96ebf38098af4859832b68ae2cd373": 90.0,
"0xebbeab519cb0499a9bb68df974104132e76f29c4_0x1eb412aec541ba3571fc1db9971a76d1d62e929a": 89.99927074724098,
"0x5ef34744e60abbe711a398a589562dcf1241f782_0x519d8c535379c2faef246cd68390962641ed0370": 89.99599720116451,
"0x17cf0fd5012e60c03611d9dad812895778854932_0x6fdc93669f6784d834c3fec1e632dd00e11c5a6f": 89.99494901899845,
"0xe0c0f02b65b37bf153b1f518e33c2d9f3f5a7dd5_0xedcca9b921367ff480dabbb267df530b3684aaa3": 89.99449536381607,
"0x5ef34744e60abbe711a398a589562dcf1241f782_0x1d431d0ba3db526eaedfbb055a7e84ea061bd799": 89.9920197662793,
"0xe41b49c314d88a3b6b0264efc8959e98f9a1dd61_0x743835e7d12af1e76a3bcd4b7ccd0c0c03e2769e": 89.98522049643228,
"0x55f3a0abf08f71285ce11b8bcb7007d78cdfb386_0x97cf4e7b149c9ce09826daeec1c576504aa4bfaf": 89.9799101971243,
"0x5ef34744e60abbe711a398a589562dcf1241f782_0x22bbfb5aaf44447a3eb15c0d9185c46f4fbc555e": 89.97854663918974,
"0x1e873bb29b67841e3c82316b54678ce0bf697f98_0x9b867a540f599b25ec513e1401a57bb423e5176f": 89.9763825859797,
"0x78a1ed1ac1e2f08a797328b161161a65e0ab85d5_0xccf0dac5ac4844f6b71803b2a4d99b844fe5c4da": 89.97275460591862,
"0x20f5c5b87f4412353fd659b7b63a0f46d63c2993_0x3bdc2c4fd687cfa0b860ea49b126b2aef7015cf6": 89.96412408964443,
"0x2a971edbf4ca85a661bda6c648b70178c306efa6_0xf6d7924fc8521f97dd2fa34f64f21477bfd84e4b": 89.95903091782407,
"0x55f3a0abf08f71285ce11b8bcb7007d78cdfb386_0x365f1b63a3a4156016340617df0b9d1f03d39127": 89.9553610562238,
"0x78a1ed1ac1e2f08a797328b161161a65e0ab85d5_0xac06da6e0b6da605da0d6c4ea33ca3e83218c123": 89.95237428053767,














REPEATED TRANSACTIONS?

	0x07667cdffa9552d0ace...	Cast Vote	14330731	40 days 17 hrs ago	0x4ff59de3cb9aa738f09...	OUT	 Uniswap: Governor Bravo	0 Ether	0.001437408
	0x30a450969630375fed...	Delegate	14308630	44 days 4 hrs ago	0x4ff59de3cb9aa738f09...	OUT	 Uniswap Protocol: UNI to...	0 Ether	0.006222905
	0x76dd8deae830e23efa...	Cast Vote	14330736	40 days 17 hrs ago	0x9ceed86bf15bf9c406e...	OUT	 Uniswap: Governor Bravo	0 Ether	0.001437408
	0xc748dc90d2658245dc...	Delegate	14308655	44 days 4 hrs ago	0x9ceed86bf15bf9c406e...	OUT	 Uniswap Protocol: UNI to...	0 Ether	0.006222905
	0xe7f2942ab425d761fe3...	Redeem	14402844	29 days 12 hrs ago	0x27f902258f3083b47dd...	OUT	 0x8c7e68e7706842bfc7...	0 Ether	0.0023400137
	0x934354fa2b405813b1...	Delegate	14325393	41 days 14 hrs ago	0x27f902258f3083b47dd...	OUT	 Uniswap Protocol: UNI to...	0 Ether	0.0008824519
	0xfd0ee5d3b218338462...	Cast Vote	14325377	41 days 14 hrs ago	0x27f902258f3083b47dd...	OUT	 Uniswap: Governor Bravo	0 Ether	0.0023128649
	0x728a6013378aa56152...	Delegate	14282719	48 days 4 hrs ago	0x27f902258f3083b47dd...	OUT	 Uniswap Protocol: UNI to...	0 Ether	0.0055429932
	0x33861339d9f1606f2bd...	Redeem	14402860	29 days 12 hrs ago	0xd233df54cbe2c7f1cf01...	OUT	 0x8c7e68e7706842bfc7...	0 Ether	0.001990007
	0xde0ac4eff6022dafa5a...	Cast Vote	14325450	41 days 13 hrs ago	0xd233df54cbe2c7f1cf01...	OUT	 Uniswap: Governor Bravo	0 Ether	0.001818376
	0xc1827ba2f132ddabe2...	Delegate	14325446	41 days 13 hrs ago	0xd233df54cbe2c7f1cf01...	OUT	 Uniswap Protocol: UNI to...	0 Ether	0.000717005
	0x15c4d5f36673cb3462...	Delegate	14282829	48 days 4 hrs ago	0xd233df54cbe2c7f1cf01...	OUT	 Uniswap Protocol: UNI to...	0 Ether	0.003302360

SIMILAR TOKENS AND NFTS?

	0xe7f2942ab425d761fe3...	29 days 12 hrs ago	Null Address: 0x000...000	IN	0x27f902258f3083b47dd...	22820371262191...	Voltz Genesi... (VOLTZU...)	View NFT >
	0x33861339d9f1606f2bd...	29 days 12 hrs ago	Null Address: 0x000...000	IN	0xd233df54cbe2c7f1cf01...	12000448547726...	Voltz Genesi... (VOLTZU...)	View NFT >
	0xfdbed8698fc13d2566c...	29 days 10 hrs ago	Null Address: 0x000...000	IN	0x4ff59de3cb9aa738f09...	45648770761234...	Voltz Genesi... (VOLTZU...)	View NFT >
	0x2e839e6b8067d6df34...	26 days 19 hrs ago	Null Address: 0x000...000	IN	0x9ceed86bf15bf9c406e...	89592899059056...	Voltz Genesi... (VOLTZU...)	View NFT >
	0xca72f89a6f80ce7e497...	44 days 6 hrs ago	Disperse.app	IN	0x4ff59de3cb9aa738f09...	1.16	Uniswap (UNI)	
	0xca72f89a6f80ce7e497...	44 days 6 hrs ago	Disperse.app	IN	0x9ceed86bf15bf9c406e...	1.16	Uniswap (UNI)	
	0x0d4cd564f9b825e29c...	48 days 4 hrs ago	tiantai.eth	IN	0x27f902258f3083b47dd...	0.1	Uniswap (UNI)	
	0xca9f223d4c807c365ca...	48 days 4 hrs ago	tiantai.eth	IN	0xd233df54cbe2c7f1cf01...	0.1	Uniswap (UNI)	

DIVING DEEPER

0x1ac5f2fabfc67c11c8d0...	14319546	42 days 11 hrs ago	 Disperse.app	→	0x4ff59de3cb9aa738f09...	0.005 Ether			
0x85ca6c081862795018...	14308505	44 days 4 hrs ago	 Disperse.app	→	0x4ff59de3cb9aa738f09...	0.0075 Ether			
0x1ac5f2fabfc67c11c8d0...	14319546	42 days 11 hrs ago	 Disperse.app	→	0x9ceed86bf15bf9c406e...	0.005 Ether			
0x85ca6c081862795018...	14308505	44 days 4 hrs ago	 Disperse.app	→	0x9ceed86bf15bf9c406e...	0.0075 Ether			
0x83611754b7f6151000...	13820010	119 days 18 hrs ago	 Aztec: Private Rollup Bri...	→	0x27f902258f3083b47dd...	0.1247 Ether			
	0xc0b3d93902cc898871...	Transfer	14282718	48 days 4 hrs ago	FTX Exchange 2	IN	0x27f902258f3083b47dd...	0.014 Ether	0.0012639439
	0xa50225cb969dd7efb2...	Transfer	13834283	117 days 13 hrs ago	0x27f902258f3083b47dd...	OUT	0xd233df54cbe2c7f1cf01...	0.005 Ether	0.0007145910
	0x6f1ceab3fb98e109338...	Deposit Pending ...	13821885	119 days 11 hrs ago	0x27f902258f3083b47dd...	OUT	 Aztec: Private Rollup Bri...	0.1153 Ether	0.0029829548
	0xb614bdc0936cbf2deb...	Deposit Pending ...	13834307	117 days 13 hrs ago	0xd233df54cbe2c7f1cf01...	OUT	 Aztec: Private Rollup Bri...	0.01134 Ether	0.002531040
	0xa50225cb969dd7efb2...	Transfer	13834283	117 days 14 hrs ago	0x27f902258f3083b47dd...	IN	0xd233df54cbe2c7f1cf01...	0.005 Ether	0.00071459
	0xec979d3d02498453bc...	Transfer	13833932	117 days 15 hrs ago	0x52323f07c0b7b479b6...	IN	0xd233df54cbe2c7f1cf01...	0.01002 Ether	0.000856115

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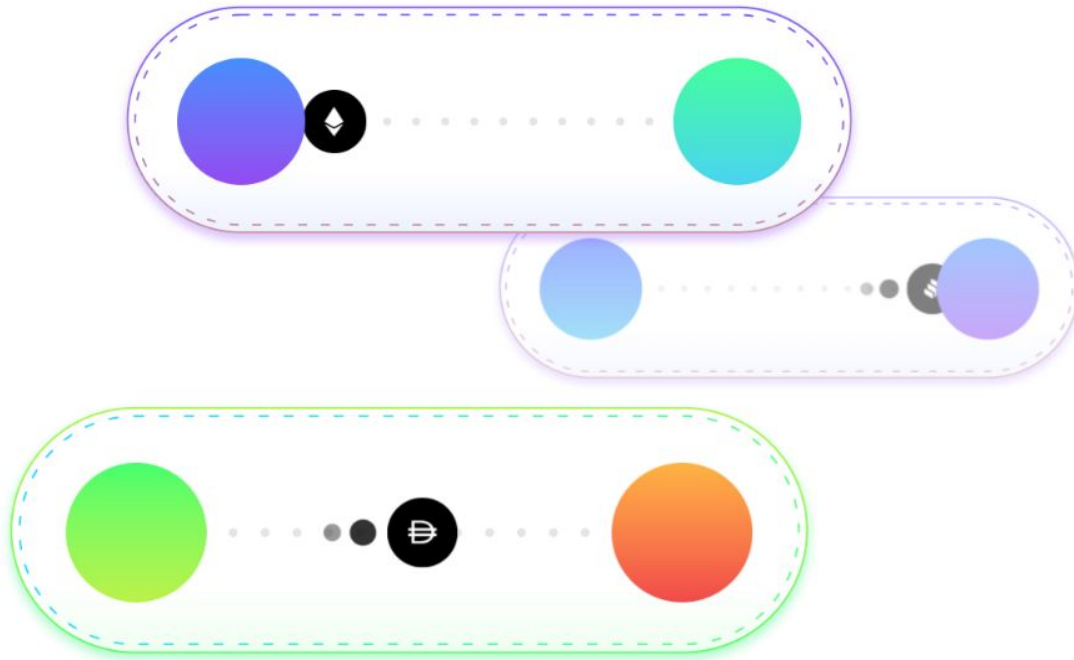
Scalable Privacy on Ethereum

Layer 2 for the internet of money

[DEVELOPERS](#)[ZK.MONEY](#)

Privacy Guarantee

The new internet of money is secured by openness, but at a high price — all your counterparties know your entire financial history. Aztec is the ultimate security shield for the internet of money, protecting user and business data on Web3.0.



Identity Privacy

With cryptographic anonymity, sender and recipient identities are hidden



Balance Privacy

Transaction amounts are encrypted, making your crypto balances private



Code Privacy

Network observers can't even see which asset or service a transaction belongs to

WIKIPEDIA MUCH?



MULTIPLE WALLET ADDRESSES -> PARENT AND CHILD ACCOUNTS



BAN EVASION IS JUST AS EASY



FEATURES AND ATTRIBUTES



MISBEHAVIOUR HAS HUGE IMPACT



UNI Token Airdrop



snapshot

Connect wallet



Q Search

Spaces ▼

☐ All ▼

6.3K space(s)



ENS

51K members

Join



Gitcoin

38K members

Join



Aave

34K members

Join



Arbitrum Odyssey

16K members

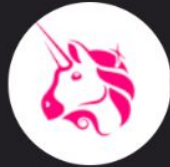
Join



Sushi

28K members

Join



Uniswap

27K members

Join



OlympusDAO

18K members

Join



PancakeSwap

34K members

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OPEN TO QUESTIONS

THANK YOU