**Cryptocurrency Wallet Address Harvester**

**The Target:** *To source and validate the 100 most successful and currently active private cryptocurrency wallets on DEXTools.*

**The Solution:** *To utilize leading scraping and validation analysis technologies. Please provide source code and step-by-step usage instructions of all tools used after successful delivery of all output.*

**Token Selection**

Determine the best performing tokens on DEXTools, listed in the past 3 months / 90 days.

Select based on pairs listed on Ethereum exchanges (can be Uniswap V2 or V3 pool).

Select a minimum of 100 tokens.

We want to filter tokens, not only based on the criteria in the table below, but ideally also by the fact that the token did sky-rocket in value within 90 days of its creation by a minimum of 10x.

|  |  |
| --- | --- |
| **Filer Property** | **Filter Value** |
| Pool Created | 0-90 days (last 3 months) |
| Total Liquidity *at peak* | $100,000 (or greater) not sure if this can be determined? |
| Total Liquidity *now* | $50,000 (or greater) |
| Contract Verified | Yes |
| Honeypot | No |
| Buy Tax | 0% |
| Sell Tax | 0% |
| Mint (owner can mint new tokens) | No |
| Tx Lock (owner can lock transfers) | No |
| Proxy (contract behind a proxy) | No |
| Fees (owner can set high fees) | No |
| DEXTscore | 60% (or greater) |

**Transaction Selection – Initial Dump**

* Capture the first 2,500 transactions following the token’s pool creation. We want to know who got in early.
* Include a dump of all the unfiltered records (buy and sell) including all DEXTools trade history field values (Date, Type, Price USD, Price ETH, Amount DEXT, Total ETH, Maker, Others).
* Include extra field ‘Total ETH Drained’ with Yes or No values accordingly (relates to icon sometimes shown to right of value in the ‘Total ETH’ field).
* For the ‘Others’ field, rename it to ‘Bot / Smart Contract’ and include Yes or No values accordingly.
* **Save the results in a unique Excel tab.**

**Transaction Selection – Filtered per Token**

* Exclude all draining frontrunning bots [] and bot smart contracts [] because we only want to follow the top human traders.

**Save the results in a unique Excel tab.**

A screenshot of a computer

Description automatically generated with medium confidence

* Analyzing the remaining wallet addresses, exclude any wallet that failed to perform at least one buy or sell ≥ (great than or equal to) 0.3 ETH in value. We want to exclude the small traders.

**Save the results in a unique Excel tab.**

* Analyzing the remaining wallet addresses, match the buy and sell transactions of each unique wallet address to determine which wallets made a profit and which made a loss trading the token. Sort the results in descending order i.e. with the most successful wallets at the top.

**Save the results in a unique Excel tab.**

**Wallet Selection – Filtered per Token**

* For the filtered/selected wallet addresses across all 100 tokens, determine suitable criteria to determine which wallets have performed best when compared with each other. This might be their relative number of successful trades (e.g. a wallet with 90 wins / 10 losses beats a wallet with 9 wins / 1 loss), general winning consistency etc. The precise selection criteria to be discussed and agreed.
* **Important note:** Usually nearly all of the top 20 or so holders of a token will either be smart contracts or exchanges that hold a lot of the token. We don’t want them.
* Possible method of determining that a given wallet does not belong to the owner of the token and/or exchange – cross-reference trades across all tokens to see if that same wallet has completed trades across multiple tokens, not just a single token. This would suggest an active trader, not the token owner.

**Save the results in a unique Excel tab.**