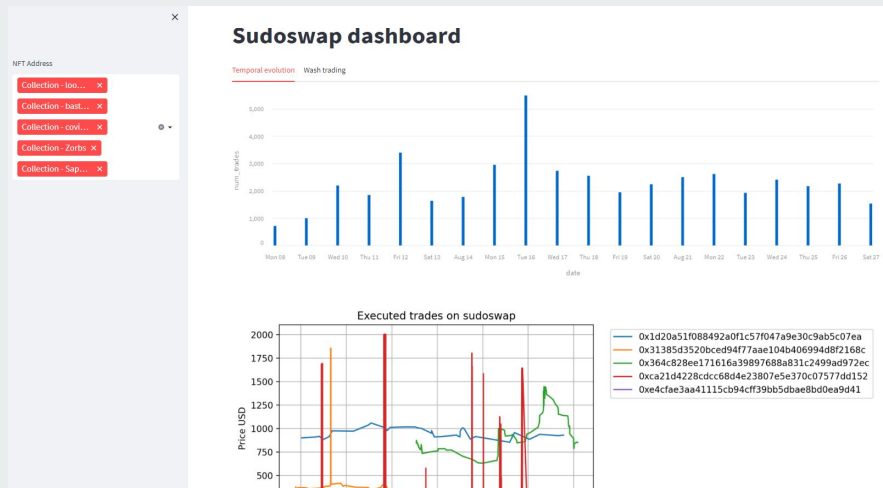# Sudoswap Explorer

Sudoswap trade metrics

Why

1 Sudoswap has experienced incredible success, totaling > 27M USD in total volume since July/22 and > 50k total transactions

2 **There is currently only one visualization for Sudoswap. Although it's very clear and illustrates main KPIs, it's impossible to cover all information in only one place.**

3 Having multiple visualization sources allow for distinct focus, e.g. trading (wash trading, trading volume) vs individual focus on NFT collections characteristics, or even other use-cases.

4 We sourced Flipside for sudoswap trading data and NFTBank for floor - and estimate prices. We plan on extending our dashboard with more targeted KPIs with input from Sudoswap's community.
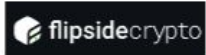
How

AWS Lambda

0. AWS Lambda function triggers data collection

1. Get sudoswap trades from Flipside using their Python SDK.

2. Get floor price and estimated price for all traded NFTs via NFTBank API.

3. Get floor price and estimated price for all traded NFTs via NFTBank API.

flipsidecrypto

python™

4. Data is stored in an AWS Postgres DB.

PostgreSQL

5. Dashboard displays current volatility values.

Testing instructions

See Github repo

Next steps

We foresee interesting next steps:

- Short term:
    - Gather feedback from Sudoswap's core team and community
    - Iterate on KPIs being shown
- Medium-long term:
    - Integrate additional data sources (on-chain data, Dune)
    - Improve data feeding process (higher frequency)

Team

Gabriel Fior

@wiskDev

Data & Software

Thank you.

Feedback - NFTBank

Suggestions:

 - Add option to fetch data in bulk (multiple nft addresses at once)

- Add option to fetch floor- and estimated price simultaneously in one single call

- Add further data, e.g. available markets for negotiating NFT

- Add API documentation (example: https://petstore.swagger.io/)

- Add test API key with limited capacity

Extensions of API offering:

- Add GraphQL support
- Create Python SDK for easier integration with existing projects (happy to help here)

Links

Dashboard - https://sudoswap-explorer.herokuapp.com/

Github repo - https://github.com/gabrielfior/sudoswap-data-visualization