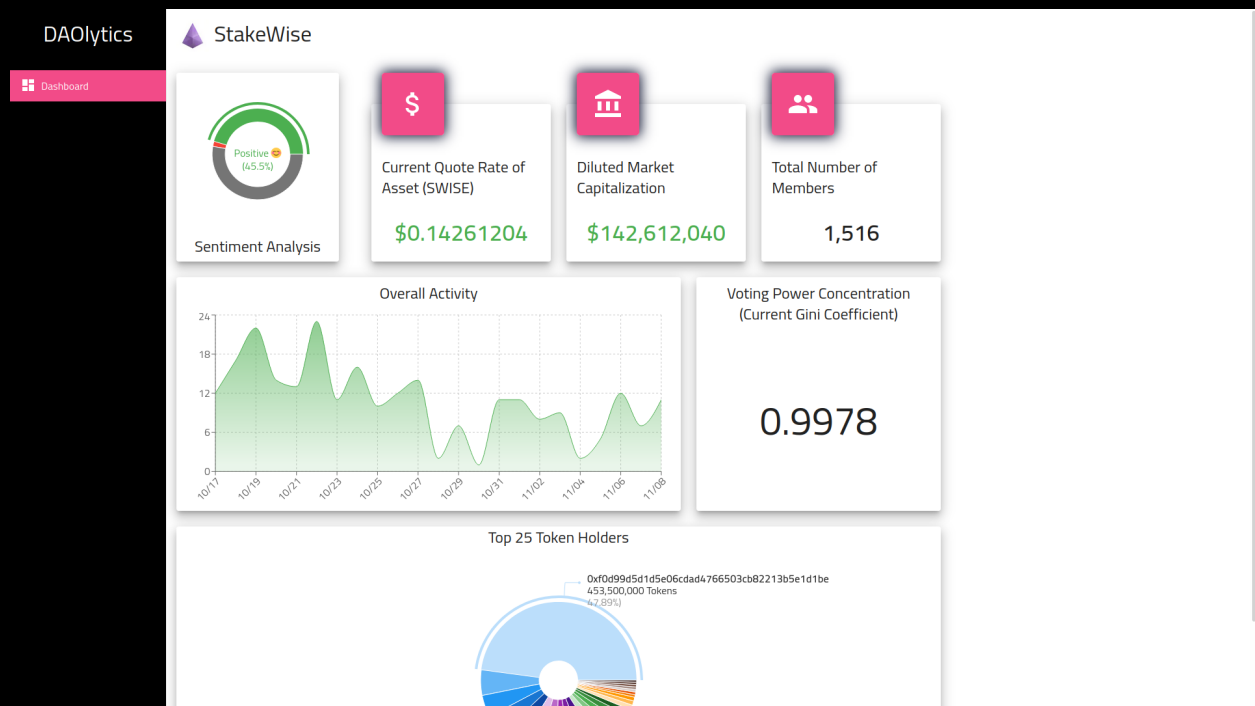


DAOlytics

Daolytics is a basic open source, multi-chain compatible, DAO Analytics Dashboard Template, powered by the **Covalent API**. It can be used by an DAO to visualize the key metrics around sentiments, voting power, membership, value flow etc.

Link to DAOlytics : [here](#)

Link to Demo Video : [here](#)



DAOlytics Dashboard

Metric Description:

1. **Sentiment Analysis** : Calculates the sentiment of DAO using the first 100 tweets from twitter using the DAO name as the query parameter.
2. **Current Quote Rate of Asset** : Shows the current quote rate for the DAO token.
3. **Fully Diluted Market Cap** : The market capitalization (valuation) if the max supply of a coin is in circulation. It is equal to (Current Price x Max Supply).

4. **Total num of members** : Total number of token holders of the DAO.
5. **Overall Activity** : Shows the daily distribution of the past 250 transactions of the DAO.
6. **Gini idx** : Shows the inequality in the distribution of power in a DAO. A value of 0 indicates perfect equality and a value of 1 indicates maximal inequality.
7. **Top 25 token holders** : Shows the token holding percentage for the top 25 token holders.

Tech Stack:

We have used **NextJS** to create the frontend and **Python** in the backend to make all the API calls to the covalent API.

Improvements and additions:

AUM - Adding a new metric called Asset Under Management for the DAO

Proposals - Adding a table with the top proposals for the DAO which can be fetch using the [**snapshot.org API end points**](#)

Sentiments Analysis improvement - Improving the sentiment analysis to include multiple keyword queries and to include data from platforms other than twitter

We plan to add more metrics that would be relevant to a DAO and make the template more plug and play so that it'd be easy for a new DAO to adopt right from the frontend.