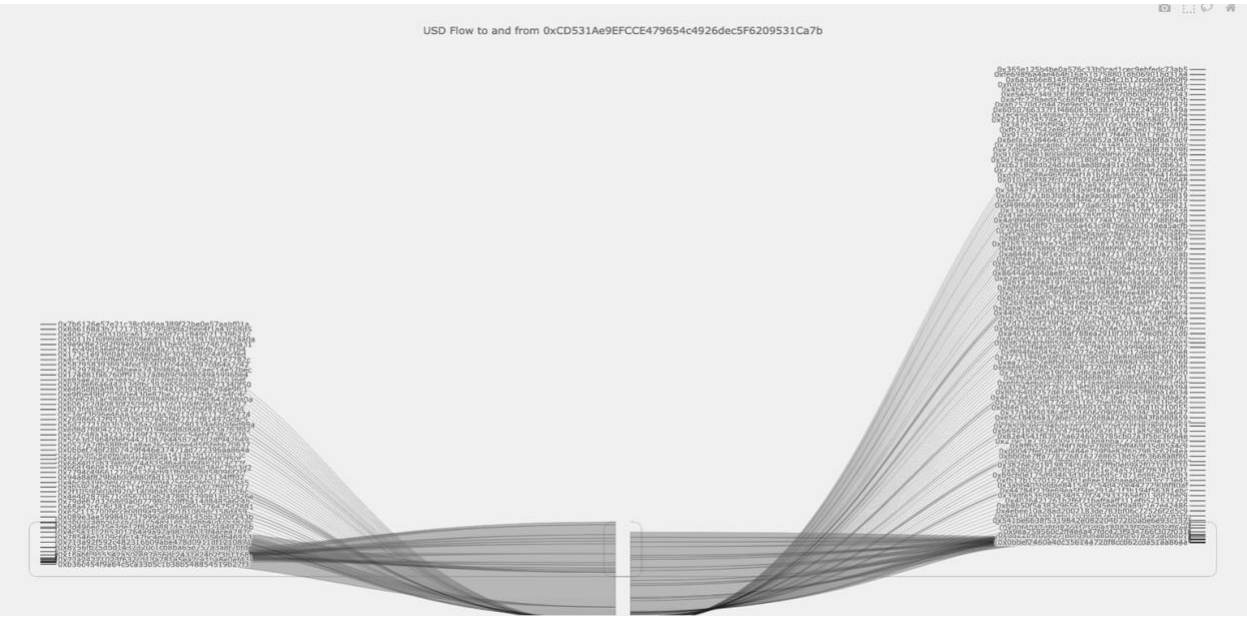
amberdata

Flow of Funds

Amberdata's on-chain data offering enables token flow of funds analyses. Using the Amberdata token endpoint in the address namespace, you can analyze clusters of wallets that interact with one another.

In this example, we used our token transfer endpoints to explore the flow of USDC to and from our target wallet address: 0xCD531Ae9EFCCE479654c4926dec5F6209531Ca7b. This allowed us to pull the latest 2,000 token transfers for this address and then isolate only USDC transfers.

With the data we obtained, we created a Sankey chart with the to/from/amount of USDC transferred. The density of each line represents the senders and recipients of USDC - the bigger the line is, the more transactions there are. If we further analyze these wallets and their relationships, we can begin to understand which wallets are owned by the same person or organization.



Another useful aspect of a flow of funds analysis is the circular references, or wallets that both send and receive UDSC to or from the target wallet. With this, it is also possible to analyze the flow of funds a layer deeper and investigate who the senders and recipients receive funds from. These are great starting points to explore the relationships and ownership of a wallet.

To replicate our flow of funds analysis with your wallet of choice, the required code is available in our Jupyter notebook here.

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