

Curve Finance on Ethereum vs. Optimism

Introduction

This report presents a detailed comparative study conducted on Curve Finance, operating across Ethereum and Optimism networks. The primary objective was to assess and compare the performance metrics of Curve Finance within these distinct network environments.

Methodology

The analysis involved a comprehensive examination of key performance indicators including volume, user base, and transaction count across Ethereum and Optimism. Data segregation based on chain types facilitated a deeper understanding of user engagement patterns and potential crossover between the two networks.

Key Findings

1. Volume Evaluation

Ethereum emerged as the dominant network in terms of volume, significantly surpassing Optimism. The disparity between the two networks was considerable, with Ethereum showcasing a substantial lead in volume.

2. User Base Insights

Optimism closely contested Ethereum in terms of the number of users, indicating a competitive user engagement scenario. However, Ethereum maintained a larger user base despite Optimism's close proximity.

3. Transaction Comparison

Ethereum exhibited approximately 1.5 times more transactions than Optimism, highlighting a notable discrepancy in transaction count between the two networks.

4.Chain Type Segregation

Analysis based on chain types revealed an intriguing aspect where approximately 14,000 users actively participated in both Ethereum and Optimism networks. This observation suggests an overlap or dual engagement of users across these platforms.

Discussion

The comparative analysis highlighted Ethereum's dominance in volume, showcasing substantial differences when compared to Optimism. However, Optimism demonstrated a competitive edge in terms of user engagement, challenging Ethereum's larger user base. Despite this, Ethereum maintained a significant lead in transaction count, indicating a higher level of transactional activity within the network.

The identification of approximately 14,000 users engaging across both Ethereum and Optimism networks suggests a potential convergence or shared usage among these platforms. This interconnectivity underscores a growing trend of users utilizing multiple networks for their decentralized finance activities.

Conclusion

In conclusion, the comparative analysis between Curve Finance on Ethereum and Optimism networks portrays distinct performance dynamics. While Ethereum excels in transactional volume, Optimism competes closely in user engagement. The observed overlap in user participation between these networks hints at an evolving trend of cross-platform engagement within the decentralized finance ecosystem.

This analysis serves as a valuable insight into the comparative performance of Curve Finance across Ethereum and Optimism networks, providing a deeper understanding of user behavior and network dynamics in the evolving DeFi landscape.

Dashboard Link

<https://dune.com/demedici/curve-on-op-vs-ethereum>

Report Link on Ocean Marketplace

<https://market.oceanprotocol.com/asset/did:op:00fccfe59ecb3f83c9267f61c12621b3b9643188692191c6ca2fef045beac4df>