# Wallet Score Analysis

This analysis is based on the credit scoring of wallets interacting with the Aave V2 protocol. The scoring model assigns a value between 0 and 1000, where a higher score indicates more reliable and responsible behavior.

## Score Distribution

![Score Distribution](score\_distribution.png)

The majority of wallets lie in the 400–600 range, indicating a typical mix of activity. A small portion exhibit extremely risky or highly trustworthy behavior.

## Behavior of Wallets

### Lower Score Range (0–300)

Wallets in this range tend to show:

- Low number of transactions

- One-time or bot-like patterns (e.g., deposit + immediate redeem)

- High liquidation flags

- No repayments

- Low borrow-to-deposit ratio

- Typically non-serious or possibly exploitative usage

These users are assigned low scores to reflect poor or untrustworthy activity.

### Higher Score Range (700–1000)

Wallets in this range show:

- Consistent transactions over time

- High repay ratios

- Balanced borrow and deposit behavior

- No liquidations

- High activity scores (more interactions and amount)

These users are likely long-term, responsible participants in the protocol.

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## Next Steps

This analysis can guide future work on:

- Risk classification

- Rewarding healthy DeFi participation

- Flagging suspicious wallets for monitoring