

## STEPS

- **Loaded wallet addresses** from the provided `wallets.csv` file.
- **Used Covalent API** to fetch Compound V2 on-chain data for each wallet:
  - Supply balance
  - Borrow balance
  - Liquidation status
  - Health metrics (if available)
- **Saved raw API responses** in `wallet_data.json` to avoid repeated calls.
- **Preprocessed data** to extract relevant features like:
  - Loan-to-value ratio (LTV)
  - Total borrow/supply amounts
  - Liquidation events
- **Defined custom risk rules:**
  - High Risk: borrow > 80% of collateral
  - Medium Risk: borrow between 40–80%
  - Low Risk: only supply or low borrow
- **Calculated risk score** for each wallet using those rules in `calculate_risk.py`.
- **Generated final CSV output** (`wallet_risk_scores.csv`) with wallet IDs and risk labels.
- **Tested and connected everything** through `main.py` as the project entry point.