Quantum-Driven Arbitrage Strategies in DeFi

1. Arbitrage Trade Execution
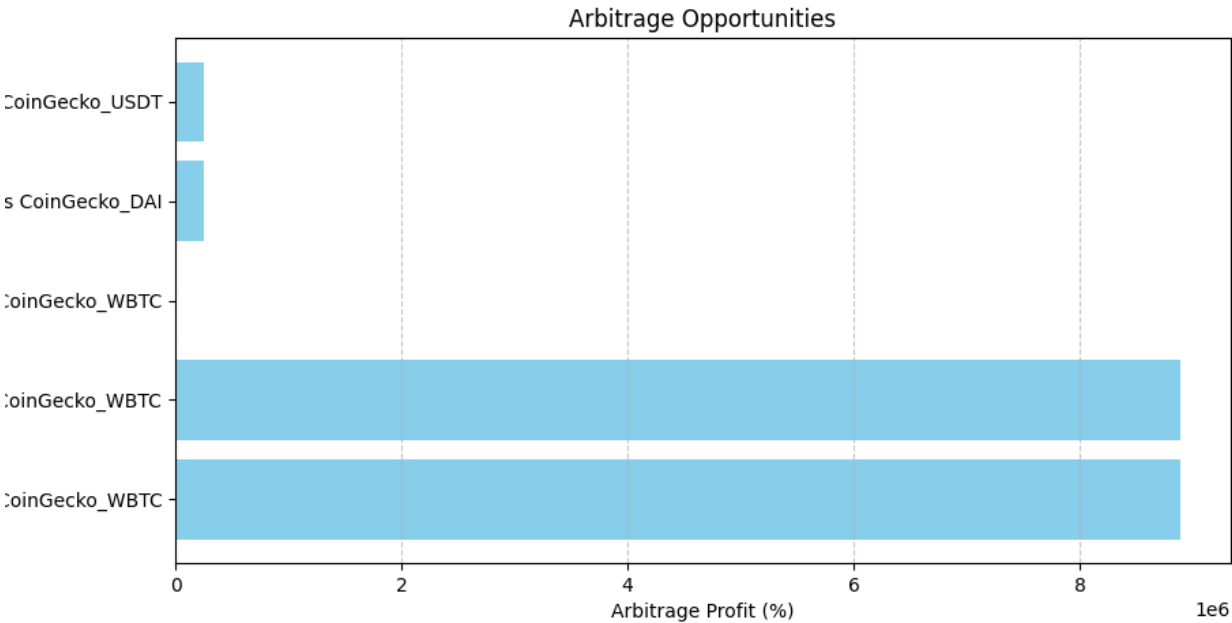
- Best Trade: CoinGecko_USDT vs CoinGecko_WBTC

- Profit: 8893454.55%

- Execution Time: 4.39s

2. Backtesting Performance

- Classical Profit: 8868334.417037435

- Quantum Profit: 9755167.85874118

- Sharpe Ratio (Quantum): 402.3767076902589

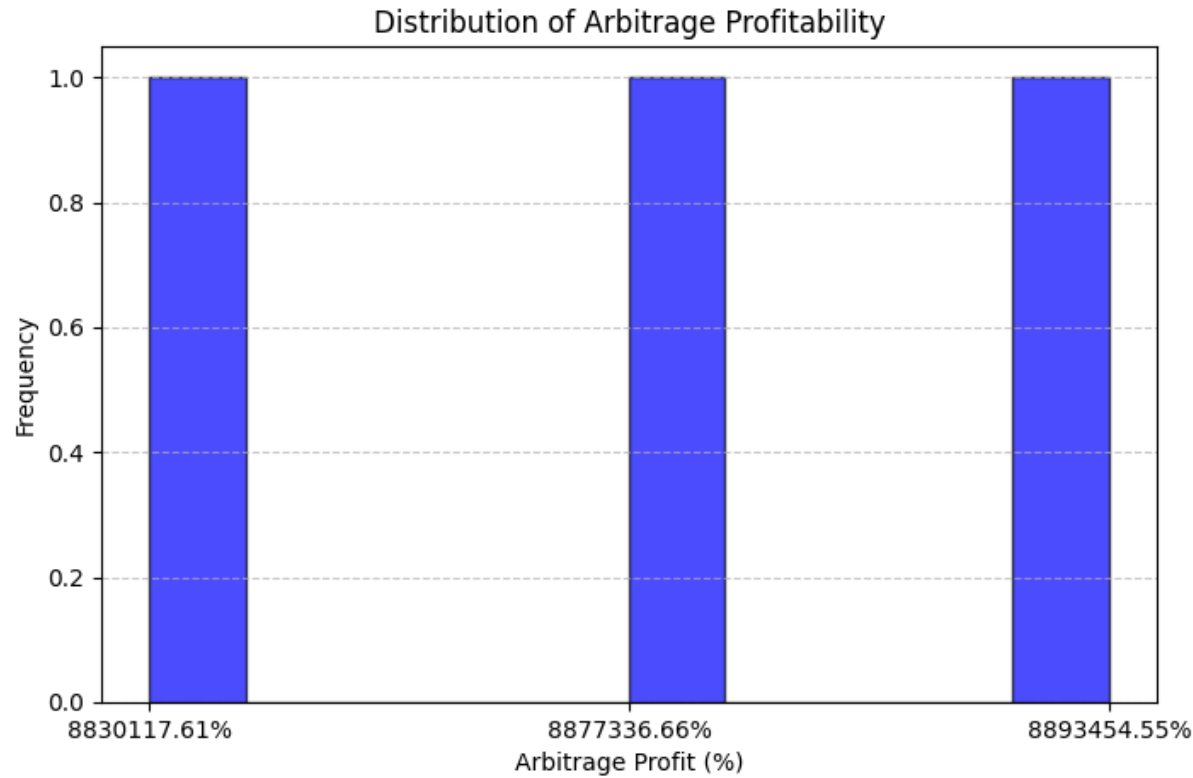## 3. Performance Visualizations

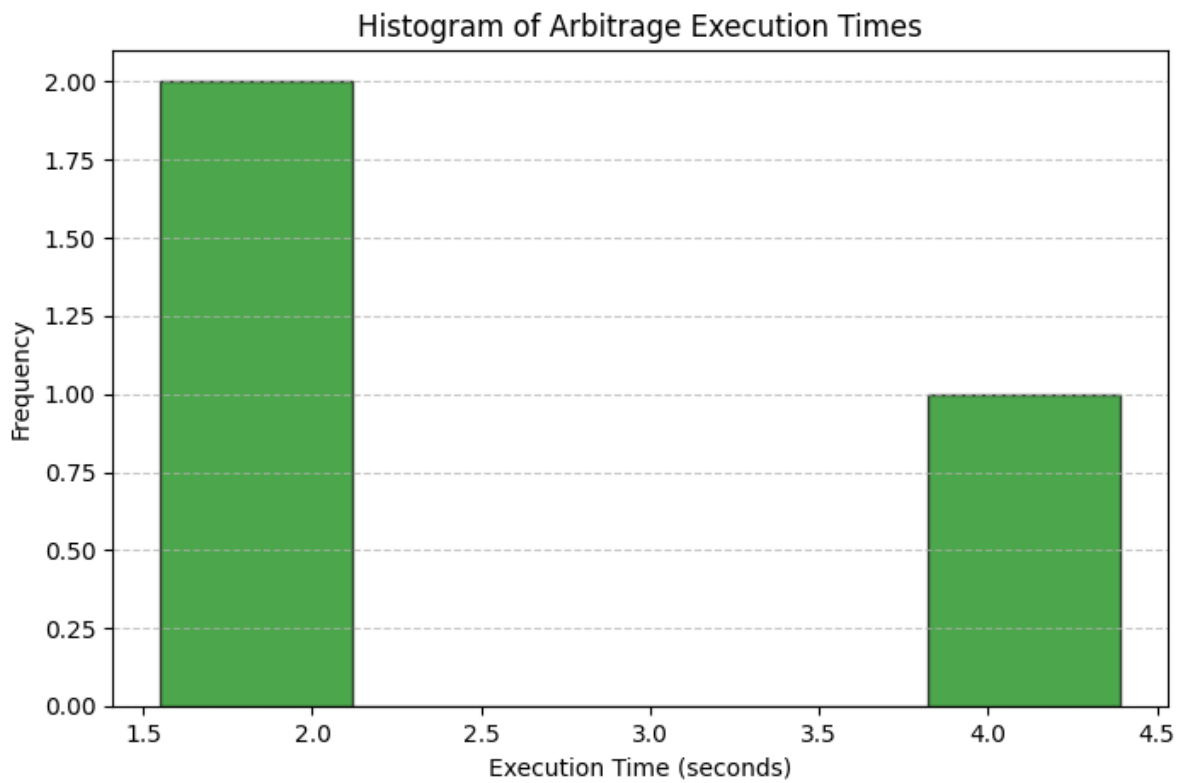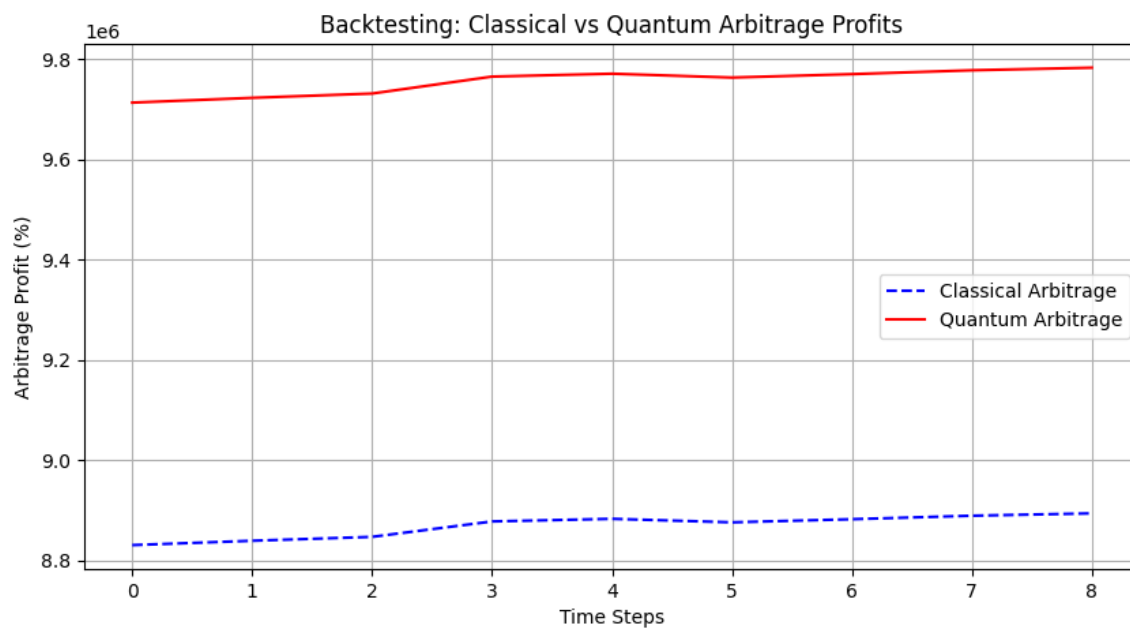### Arbitrage Opportunities

Trade Execution

Profitability Distribution

Execution Times

Histogram of Arbitrage Execution Times

Backtesting Profit

Backtesting: Classical vs Quantum Arbitrage Profits

Backtesting Sharpe Ratio

Sharpe Ratio: Classical vs Quantum Arbitrage