

Cryptocurrency Data Analysis Report

Introduction

- This report provides insights into live cryptocurrency data for the top 50 cryptocurrencies, including key metrics such as market capitalization, price changes, and trading volumes. The data was fetched in real-time using the CoinGecko API and processed in Python.

Key Insights

- Top 5 Cryptocurrencies by Market Cap
 - Bitcoin
 - Ethereum
 - Tether
 - Solana
 - Binancecoin
- Average Price of Top 50 Cryptocurrencies: \$4249.47
- The highest 24-hour price change was observed for bitcoin (18.35%), while the largest decrease was for Mantra-dao (-10.29%)."

Conclusion

- **The analysis highlights that Bitcoin and Ethereum dominate the market by capitalization. On average, the prices of the top 50 cryptocurrencies are quite diverse, with significant fluctuations in the 24-hour percentage changes.**