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Crypto Web-App

Introduction:

Create a web-app that provides users with useful information and tools to better understand cryptocurrencies, their valuation, and a sense of the current 'mood' or 'climate'.

Some project goals:

- Dollar cost averaging simulator
- Provide a service that pools data/info from many sources and provides easy to read/grasp overview of data
- Assist individuals in planning investments, projecting forward, and understanding the 'crypto' space
- Help users understand cryptocurrency world and quickly access info and resources needed to make educated, thoughtful decisions regarding their investments and finances

Our web-app will provide real value to the crypto community. The end user will be able to quickly and easily understand market moods/attitudes (e.g., being able to quickly search sentiments expressed on social media or see data from financial sources), it will provide real tools to help end-users understand their investments, historical trends, and plan.

Expected Feature List:

- Dollar cost averaging simulator: uses historical data for individuals to plan investments and see how those investments would do in the future based on past performance.
- End-users will be able to access news/info about different cryptocurrencies in one place (e.g., we will use web-scraping and apis to pull information and display it in easy to understand format).

Market Survey:

CoinDesk.com - "Mission: We are building the most influential, trusted information platform for a global community engaged in the transformation of the financial system and the emerging crypto economy.

CoinDesk is an integrated platform for media, events, data & indices for the next generation of investing and the future of money."

- CoinDesk is similar to this project idea (e.g., pulls data from many sites and presents it all in one area; offers latest crypto-prices, etc.).
 - o My project plans to distinguish itself by offering clearer data and more tools to help users plan investments.

<https://www.investopedia.com/tech/most-important-cryptocurrencies-other-than-bitcoin/>

Investopedia offers news and info, but doesn't supply users with tools we hope to offer

References:

[Top 6 Cryptocurrency APIs available for you in 2022 \(linkedin.com\)](#)

[8 Best Cryptocurrency APIs for Developers \[August 2022\] - CoinCodeCap](#)

[Free Currency Conversion and Forex Exchange Rate API \(currencyfreaks.com\)](#)

[APIs | Dev Portal \(nytimes.com\)](#)

[YouTube Data API | Google Developers](#)

[Twitter API Documentation | Docs | Twitter Developer Platform](#)

[Most Trusted Cryptocurrency Market Data API | CoinMarketCap](#)

[Polygon.io - Stock APIs](#)