

Utilizing the API (<https://www.coinlore.com/cryptocurrency-data-api>), implement the following task:

1. Create a **React-based web interface** for calculating crypto portfolio value
2. Upload a file with all the crypto you are owning
3. The file should have the following format:

X|COIN|Y

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X is the number of coins you own in the format XXX.XXXX COIN is the name of a crypto currency. Y is a number in the format Y.YYYY marking the initial buy price per coin

Example:

10|ETH|123.14
12.12454|BTC|24012.43
10000000|SHIB|60
1200|USDT|1123.23

The file can hold multiple lines and it is delimited by a | (pipe) symbol

4. With the information from the file, and the data provided via the api calculate the following:
 - initial portfolio value - change for each COIN in percentage : XX.XX% from initial buy - change in overall portfolio - while the page is open calculate the current value of the portfolio and the percentage changes each 5 minutes (should be configurable) - log all performed operations to a file

Coinlore presents public free crypto tick data api.

5. Bonus (Optional):

Add an AI Component: For each coin, analyze recent news articles' **sentiment** (positive, negative, neutral) using:

- A simple **AI API** like [OpenAI Sentiment Analysis](#)
- OR a free **Hugging Face sentiment model** (via API)

Deliverables:

- A GitHub repo with the project.
- Clear README with setup instructions.