

Tokens OHLC price

Description

This dataset contains each 4 days historical price data for various cryptocurrencies, sourced from the CoinGecko API. It includes data fields such as Open, High, Low, Close, and token. The dataset is structured with date and token as its primary key, enabling chronological analysis of cryptocurrency price movements. This dataset can be merged with the [Top pools APY per protocol](#) dataset for combined financial analysis.

Collection method

Data is retrieved each 4 days from the CoinGecko API, which provides historical and current price data for a range of cryptocurrencies. The API is utilized to gather opening, highest, lowest, and closing prices.

Schema

- date
 - : The date for the price data.
- Open
 - : Opening price of the cryptocurrency on the given date.
- High
 - : Highest price of the cryptocurrency on the given date.
- Low
 - : Lowest price of the cryptocurrency on the given date.
- Close
 - : Closing price of the cryptocurrency on the given date.
- token
 - : Identifier of the cryptocurrency.
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The dataset uses date and token as the primary key.

Potential Use Cases

- Price Trend Analysis
 - : Analyzing the historical price trends of cryptocurrencies.
- Combining with Yield Data
 - : Merging this price data with the "APY top pools per project" dataset for a comprehensive financial analysis of cryptocurrency market trends and DeFi yields.
- Investment Analysis
 - : Utilizing historical price data to inform cryptocurrency investment and trading strategies.
- Cryptocurrency Market Research
 - : Providing a dataset for researchers to examine market behaviors and price fluctuations in cryptocurrencies.
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Use example

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Copy from `giza_datasets` `import DatasetsLoader`

Usage example:

```
loader=DatasetsLoader() df=loader.load('tokens-ohcl')
```

```
df.head()
```

...

```
date Open High Low Close token 2019-02-03 3438.3604 3472.2433 3438.3604 3461.0583 "WBTC" 2019-02-07 3468.16
3486.4073 3425.8603 3425.8603 "WBTC" 2019-02-11 3387.7629 3770.3402 3387.7629 3770.3402 "WBTC" 2019-02-15
3605.9233 3652.9015 3605.5237 3605.5237 "WBTC" 2019-02-19 3613.8624 3831.385 3613.8624 3831.385 "WBTC"
```

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Last updated 1 month ago