

# Tokens daily information

## Description

This dataset contains daily historical price, mcap and 24h volumes data for various cryptocurrencies, sourced from the CoinGecko API. It includes data fields such as price ,market\_cap ,volumes\_last\_24h and token for each day. 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 daily from the CoinGecko API, which provides historical and current price data for a range of cryptocurrencies.

## Schema

- date
  - : The date for the price data.
- price
  - : refers to the value of a cryptocurrency in USD at a given time, determined by supply and demand on exchange markets.
- market\_cap
  - : is the total market value of a cryptocurrency, calculated by multiplying the current price of the cryptocurrency by its total circulating amount.
- volumes\_last\_24h
  - : represents the total amount of a cryptocurrency bought and sold across all exchange platforms in the last 24 hours, reflecting the cryptocurrency's liquidity and trading activity.
- token
  - : Identifier of the cryptocurrency.
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The dataset uses date and token as the primary key.

## Potential Use Cases

- Risk Management
  - : Leveraging market cap and volume data to assess the volatility and risk profile of different cryptocurrencies for portfolio management.
- Algorithmic Trading
  - : Developing trading algorithms that use real-time price and volume data to execute trades based on predefined criteria.
- Market Sentiment Analysis
  - : Correlating price movements and trading volumes with news articles or social media sentiment to gauge the market's mood towards specific cryptocurrencies.
- Liquidity Assessment
  - : Using 24-hour trading volume data to evaluate the liquidity of cryptocurrencies, aiding in decision-making for large transactions.
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## Use example

...

Copy from `giza_datasets` `import DatasetsLoader`

## Usage example:

```
loader=DatasetsLoader() df=loader.load('tokens-daily-prices-mcap-volume')
```

```
df.tail()
```

...

```
date price market_cap volumes_last_24h token 2024-02-01 0.316158 267940000 19854000 "ZRX" 2024-02-02 0.319726 271040000 12309000 "ZRX" 2024-02-03 0.322348 273200000 9907600 "ZRX" 2024-02-04 0.317486 269170000 7345900 "ZRX" 2024-02-05 0.3116971 263910000 6659800 "ZRX"
```

[Previous Tokens OHLC price](#) [Next Top pools APY per protocol](#)

