crypto-candlesticks

Release 0.2.0

Pedro Torres

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## DATA OUTPUT

### 1.1 Excel

Table 1.1: BTC/USD - 1 minute

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<th>Open</th>
<th>Close</th>
<th>High</th>
<th>Low</th>
<th>Volume</th>
<th>Ticker</th>
<th>YMD</th>
<th>Time</th>
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1.2 SQL

Table 1.2: BTC/USD - 1 minute in SQL (the timestamp is shown in milliseconds)

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<th>ID</th>
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<th>Volume</th>
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<td>BTC-CUSD</td>
<td>1m</td>
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</table>
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Version 3, 29 June 2007

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CHAPTER THREE

CRYPTO_CANDLESTICKS

3.1 crypto_candlesticks package

3.1.1 Subpackages

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3.1.2 Submodules

3.1.3 crypto_candlesticks.get_data module

3.1.4 crypto_candlesticks.main module

3.1.5 crypto_candlesticks.text_console module

The goal behind this project is to facilitate downloading cryptocurrency candlestick data fast & simple. Currently only the Bitfinex exchange is supported with more to come in future releases.

The command-line interface is built using Click which is intuitive and will prompt you for the commands.

Once the data is downloaded, it will be converted and stored in a .csv, .sqlite3 and .pickle file convenient for analysis. The data will include the Open, High, Low, Close of the candles and the volume during the interval and its timestamp. See documentation and Github for more information.
To install the Crypto-candlesticks project, run this command in your terminal:

```
$ pip install crypto-candlesticks
```

Or if you are using Poetry:

```
$ poetry add crypto-candlesticks
```
crypto-candlesticks can be used the following way:

```
$ crypto-candlesticks
"Welcome, what data do you wish to download?"
```

Which will prompt you for the arguments:

- **Cryptocurrency symbol to download (ie. BTC, ETH, LTC):**
- **Base pair:**
- **Interval to download the candlestick data:**
- **Date to start downloading the data (ie. YYYY-MM-DD):**
- **Date up to the data will be downloaded (ie. YYYY-MM-DD):**

Or you can pass the arguments yourself and skip the prompt:

```
crypto-candlesticks [OPTIONS]
```

- **-s** `<symbol>`, **--symbol** `<symbol>`
  The ticker you wish to download, currently, only data from the Bitfinex exchange is supported. (e.g. [BTC | ETH | LTC] etc.)

- **-b** `<base currency>`, **--base_currency** `<base currency>`
  The base pair for the ticker. (e.g. [USD | USDT | EUR | CNHT | GBP | JPY | DAI | BTC | EOS | ETH | XCHF | USTF0 ])

- **-i** `<interval>`, **--interval** `<interval>`
  The interval for each bar. (e.g. [1m | 5m | 15m | 30m | 1h | 3h | 6h | 12h | 1D | 7D | 14D | 1M ])

- **-sd** `<start date>`, **--start_date** `<start date>`
  YYYY, MM, DD from which the candlestick data will start. (e.g. [2018-01-01])

- **-ed** `<end date>`, **--end date** `<end date>`
  YYYY, MM, DD up to which the candlestick data will be downloaded. (e.g. [2020-01-01])

**--help**
Display a short usage message and exit.
Feel free to open an issue or pull request on Github.
CHAPTER
SEVEN

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BUY ME A COFFEE

ETH: 0x06Acb31587a96808158BdEd07e53668d8ce94cFE
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