alpha_vantage Documentation

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Python module to get stock data from the Alpha Vantage API

The Alpha Vantage Stock API provides free JSON access to the stock market, plus a comprehensive set of technical indicators. This project is a python wrapper around this API to offer python plus json/pandas support. I hope you enjoy it. It requires a free API, that can be requested on http://www.alphavantage.co/support/#api-key. This stock API article also contains general guidance on ingesting and integrating with market data.

If you are a spreadsheet user, see also: Microsoft Excel Add-on and Google Sheets Add-on

CHAPTER 1

Install

To install the package use:

```
pip install alpha_vantage
```

If you want to install from source, then use:

```
git clone https://github.com/RomelTorres/alpha_vantage.git
pip install -e alpha_vantage
```

CHAPTER 2

Usage Example

This is a simple code snippet to get global quotes from the

```
from alpha_vantage.timeseries import TimeSeries
import matplotlib.pyplot as plt

ts = TimeSeries(key='YOUR_API_KEY', output_format='pandas')
data, meta_data = ts.get_intraday(symbol='MSFT',interval='1min', outputsize='full')
data['close'].plot()
plt.title('Intraday Times Series for the MSFT stock (1 min)')
plt.show()
```

CHAPTER 3

Code & Issue Tracker

The code is hosted in github: https://github.com/RomelTorres/alpha_vantage And the issue tracker as well: https://github.com/RomelTorres/alpha_vantage/issues

CHAPTER 4

Contributions

If you have a feature that you want to see merged in the code, please do a pull request with it and it will be evaluated.

CHAPTER 5

Community Pulse

- Alpha Vantage used by Harvard COVID-19 Global Policy Tracker (link) and a recent economic review
- Alpha Vantage featured in Xignite stock API press release and Best 5 (Free and Paid) Stock Market APIs in 2020 by NYU's Quantitative Investing project

CHAPTER 6

License

This project is licensed under the MIT license.

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Indices and tables

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8.1 Documentation

To find out more about the available api calls, visit the alpha-vantage documentation at http://www.alphavantage.co/documentation/