
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](#)

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
```


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()
```


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

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.

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

LICENSE

This project is licensed under the MIT license.

CONTENTS

INDICES AND TABLES

- `genindex`
- `modindex`
- `search`

8.1 Documentation

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