

# TIME\_SERIES\_DAILY

This API returns raw (as-traded) daily time series (date, daily open, daily high, daily low, daily close, daily volume) of the global equity specified, covering 20+ years of historical data. The OHLCV data is sometimes called "candles" in finance literature. If you are also interested in split/dividend-adjusted data, please use the [Daily Adjusted API](#), which covers adjusted close values and historical split and dividend events.

## API Parameters

### ■ Required: **function**

The time series of your choice. In this case, **function=TIME\_SERIES\_DAILY**

### ■ Required: **symbol**

The name of the equity of your choice. For example: **symbol=IBM**

### ■ Optional: **outputsize**

By default, **outputsize=compact**. Strings **compact** and **full** are accepted with the following specifications: **compact** returns only the latest 100 data points; **full** returns the full-length time series of 20+ years of historical data. The "compact" option is recommended if you would like to reduce the data size of each API call.

### ■ Optional: **datatype**

By default, **datatype=json**. Strings **json** and **csv** are accepted with the following specifications: **json** returns the daily time series in JSON format; **csv** returns the time series as a CSV (comma separated value) file.

### ■ Required: **apikey**

Your API key. Claim your free API key [here](#).

## Examples (click for JSON output)

*Sample ticker traded in the United States*

[https://www.alphavantage.co/query?function=TIME\\_SERIES\\_DAILY&symbol=IBM&apikey=demo](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=IBM&apikey=demo)

[https://www.alphavantage.co/query?](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=IBM&outputsize=full&apikey=demo)

[function=TIME\\_SERIES\\_DAILY&symbol=IBM&outputsize=full&apikey=demo](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=IBM&outputsize=full&apikey=demo)

*Sample ticker traded in UK - London Stock Exchange*

[https://www.alphavantage.co/query?](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=TSCO.LON&outputsize=full&apikey=demo)

[function=TIME\\_SERIES\\_DAILY&symbol=TSCO.LON&outputsize=full&apikey=demo](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=TSCO.LON&outputsize=full&apikey=demo)

*Sample ticker traded in Canada - Toronto Stock Exchange*

[https://www.alphavantage.co/query?](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=SHOP.TRT&outputsize=full&apikey=demo)

[function=TIME\\_SERIES\\_DAILY&symbol=SHOP.TRT&outputsize=full&apikey=demo](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=SHOP.TRT&outputsize=full&apikey=demo)

*Sample ticker traded in Canada - Toronto Venture Exchange*

[https://www.alphavantage.co/query?](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=GPV.TRV&outputsize=full&apikey=demo)

[function=TIME\\_SERIES\\_DAILY&symbol=GPV.TRV&outputsize=full&apikey=demo](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=GPV.TRV&outputsize=full&apikey=demo)

*Sample ticker traded in Germany - XETRA*

[https://www.alphavantage.co/query?](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=MBG.DEX&outputsize=full&apikey=demo)

[function=TIME\\_SERIES\\_DAILY&symbol=MBG.DEX&outputsize=full&apikey=demo](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=MBG.DEX&outputsize=full&apikey=demo)

*Sample ticker traded in India - BSE*

[https://www.alphavantage.co/query?](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=RELIANCE.BSE&outputsize=full&apikey=demo)

[function=TIME\\_SERIES\\_DAILY&symbol=RELIANCE.BSE&outputsize=full&apikey=demo](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=RELIANCE.BSE&outputsize=full&apikey=demo)

*Sample ticker traded in China - Shanghai Stock Exchange*

[https://www.alphavantage.co/query?](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=600104.SH&outputsize=full&apikey=demo)

[function=TIME\\_SERIES\\_DAILY&symbol=600104.SH&outputsize=full&apikey=demo](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=600104.SH&outputsize=full&apikey=demo)

*Sample ticker traded in China - Shenzhen Stock Exchange*

[https://www.alphavantage.co/query?](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=000002.SZ&outputsize=full&apikey=demo)

[function=TIME\\_SERIES\\_DAILY&symbol=000002.SZ&outputsize=full&apikey=demo](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=000002.SZ&outputsize=full&apikey=demo)

The above is just a small sample of the 100,000+ symbols we support. Please refer to our [Search Endpoint](#) to look up any supported global stock, ETF, or mutual fund symbols of your interest.

Downloadable CSV file:

[https://www.alphavantage.co/query?function=TIME\\_SERIES\\_DAILY&symbol=IBM&apikey=demo&datatype=csv](https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=IBM&apikey=demo&datatype=csv)

## Language-specific guides

[Python](#)[NodeJS](#)[PHP](#)[C#/.NET](#)[Other](#)

```
import requests
```

```
# replace the "demo" apikey below with your own key from https://www.alphavantage.co/support/#api-key
```

```
url = 'https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=IBM&apikey=demo'
```

```
r = requests.get(url)
```

```
data = r.json()
```

```
print(data)
```