

Package ‘alphavantager’

March 11, 2019

Title Lightweight R Interface to the Alpha Vantage API

Version 0.1.1

Description Alpha Vantage has free historical financial information.
All you need to do is get a free API key at <<https://www.alphavantage.co>>.
Then you can use the R interface to retrieve free equity information.
Refer to the Alpha Vantage website for more information.

URL <https://github.com/business-science/alphavantager>

BugReports <https://github.com/business-science/alphavantager/issues>

License GPL (>= 3)

Encoding UTF-8

LazyData true

Depends R (>= 3.3.0)

Imports dplyr (>= 0.7.0), glue (>= 1.1.1), httr (>= 1.2.1), jsonlite (>= 1.5), purrr (>= 0.2.2.2), readr (>= 1.1.1), stringr (>= 1.2.0), tibble (>= 1.3.3), tidyr (>= 0.6.3), timetk (>= 0.1.1.1)

Suggests testthat, knitr

RoxygenNote 6.1.1

NeedsCompilation no

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Repository CRAN

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alphavantager

alphavantager: A lightweight R interface to the Alpha Vantage API

Description

alphavantager: A lightweight R interface to the Alpha Vantage API

Details

The alphavantager package provides a lightweight interface to the Alpha Vantage API. Alpha Vantage is a free source for financial data that in many cases is more accurate than Yahoo Finance and Google Finance. Get a free API KEY at <https://www.alphavantage.co>. Then use the R interface functions `av_api_key("YOUR_KEY")` to set the API key and the `av_get()` function to get financial data.

av_api_key

Set the Alpha Vantage API Key

Description

Set the Alpha Vantage API Key

Usage

```
av_api_key(api_key)
```

Arguments

`api_key` A character string with your Alpha Vantage API Key.

Details

The Alpha Vantage API key must be set prior to using `av_get()`. You can obtain an API key at the [Alpha Vantage Website](#).

Value

Invisibly returns API key once set. Use print method to view.

See Also

[av_get\(\)](#)

Examples

```
## Not run:
av_api_key("YOUR_API_KEY")
av_get(symbol = "MSFT", av_fun = "TIME_SERIES_INTRADAY", interval = "15min", outputsize = "full")

## End(Not run)
```

av_get

Get financial data from the Alpha Vantage API

Description

Get financial data from the Alpha Vantage API

Usage

```
av_get(symbol = NULL, av_fun, ...)
```

Arguments

symbol	A character string of an appropriate stock or fund. See parameter "symbol" in Alpha Vantage API documentation .
av_fun	A character string matching an appropriate Alpha Vantage "function". See parameter "function" in Alpha Vantage API documentation .
...	Additional parameters passed to the Alpha Vantage API. For a list of parameters, visit the Alpha Vantage API documentation .

Value

Returns a tibble of financial data

See Also

[av_api_key\(\)](#)

Examples

```
## Not run:
av_api_key("YOUR_API_KEY")
av_get(symbol = "MSFT", av_fun = "TIME_SERIES_INTRADAY", interval = "15min", outputsize = "full")

## End(Not run)
```

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