

# Documentation

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## Preview

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Alpha-Vantage-API-Data is a package for collecting stocks price and their related information.

Notice : Please go visit <https://www.alphavantage.co/support/#api-key> to get your own free API key.

## Installation

Use the package manager [pip](#) to install Alpha-Vantage-API-Data.

```
pip install Alpha-Vantage-API-Data
```

## Update

Use the package manager [pip](#) to install Alpha-Vantage-API-Data.

```
pip install --upgrade Alpha-Vantage-API-Data
```

## Contents

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- StockTimeSeries

```
from Alpha_Vantage_API_Data import API_Data_Retrieves

# returns stock daily result
StockTimeSeries = API_Data_Retrieves.StockTimeSeries(apikey)
daily_data = StockTimeSeries.GetDailyStockPrice("IBM")
print(daily_data)

# returns stock weekly result
StockTimeSeries = API_Data_Retrieves.StockTimeSeries(apikey)
weekly_data = StockTimeSeries.GetWeeklyStockPrice("IBM")
print(weekly_data)

# returns stock monthly result
StockTimeSeries = API_Data_Retrieves.StockTimeSeries(apikey)
monthly_data = StockTimeSeries.GetMonthlyStockPrice("IBM")
print(monthly_data)

# returns stock Intraday result
```

```
# Choose "1min" or "5min" or "15min" or "30min" or "60min" at time
interval for intraday data
StockTimeSeries = API_Data_Retrieves.StockTimeSeries(apikey)
intraday_data = StockTimeSeries.GetIntradayStockPrice("IBM", "1min")
print(intraday_data)

# returns most likely symbols user inputs
StockTimeSeries = API_Data_Retrieves.StockTimeSeries(apikey)
search_data = StockTimeSeries.GetSearchEndpoint("IBM")
print(search_data)
```

- FundamentalData

```
# returns company income statements
# default annual reports
FundamentalData = API_Data_Retrieves.FundamentalData(apikey)
incomestatement_info = FundamentalData.GetIncomeStatement("AAPL")
print(incomestatement_info)

# returns company overview
FundamentalData = API_Data_Retrieves.FundamentalData(apikey)
companyoverview_info = FundamentalData.GetCompanyOverview("AAPL")
print(companyoverview_info)

# returns listing and delisting status
FundamentalData = API_Data_Retrieves.FundamentalData(apikey)
listingdelistingstatus_info = FundamentalData.GetListingDelistingStatus()
print(listingdelistingstatus_info)

# returns incoming ipo stocks information
FundamentalData = API_Data_Retrieves.FundamentalData(apikey)
ipocalender_info = FundamentalData.FindIPOCalender()
print(ipocalender_info)

# returns company information
FundamentalData = API_Data_Retrieves.FundamentalData(apikey)
stock_company_info = FundamentalData.CompanyInfo("AAPL")
print(stock_company_info)
```

Go to [Alpha\\_Vantage\\_API\\_Project Issues Page](#) to report any issues.

## Other

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For more information, please visit [Alpha Vantage Official Page](#) and their [documents](#).

## License

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