




Tools for Obtaining Financial Data



Amy Sillman
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Metis Data Science Bootcamp



Introduction

Availability of data

Different financial markets

Ease of use/quality of technical documentation

API: Tiingo

Library: Pandas Data Reader

Code walk-through



Tiingo

API that accesses financial data from the Internet

Enterprise-grade, but accessible

End-of-day stock price data

Historical intraday data

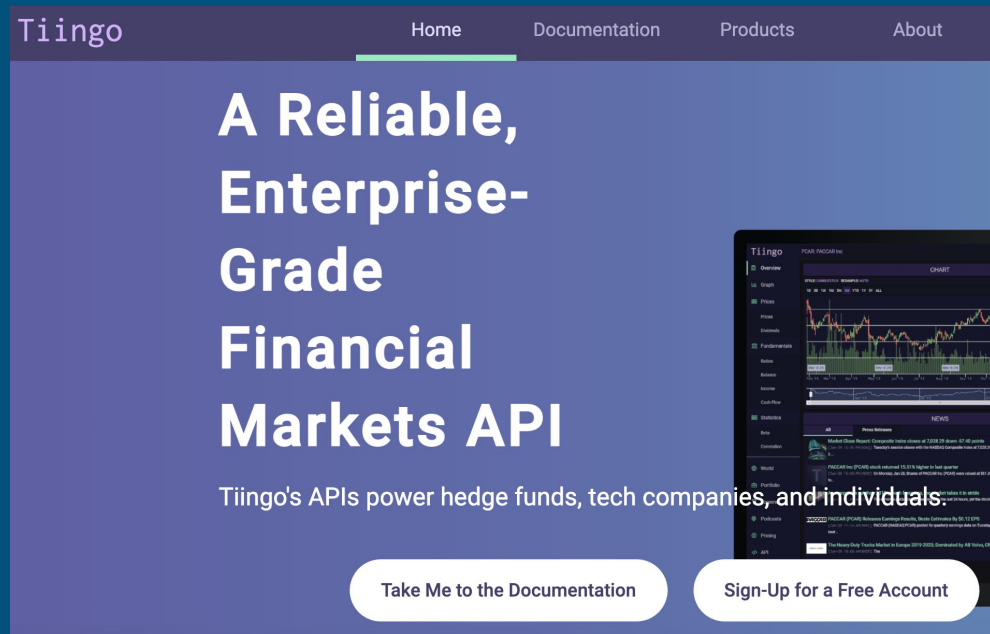
News feeds, tagged content

Cryptocurrencies API

Forex currency exchange data (in early beta)

Search (in early beta)

Documentation not the best



The screenshot shows the Tiingo website homepage. The navigation bar at the top includes links for Home, Documentation, Products, and About. The main heading reads "A Reliable, Enterprise-Grade Financial Markets API". Below this, a sub-headline states "Tiingo's APIs power hedge funds, tech companies, and individuals:". At the bottom of the page, there are two prominent buttons: "Take Me to the Documentation" and "Sign-Up for a Free Account". On the right side of the page, there is a small inset image showing a financial chart and a news feed.

Tiingo: EOD Stock Price Markets Covered

- US stock markets: NYSE, NASDAQ, NYSE American (formerly AMEX)
- NYSE Arca (ETF market)
- US equities exchanges, IEF, Mutual Funds
- Chinese markets: Shenzhen, Shanghai
- Fields: Open, High, Low, Close, Volume, Dividend, Splits (raw and adjusted)
- 50+ years of data

Free account: 500 req/hr, 20k req/day, 5GB/month

\$10/month: 20k req/hr, 150k req/day, 100GB/month

Library: Pandas Data Reader

Extract data from a wide range of Internet sources into a Pandas DataFrame!

Access to many financial markets:

IEX

Moscow Exchange (MOEX)

NASDAQ

Thrift Savings Plan (for civil service employees)

Access to many financial data tools:

Tiingo

AlphaVantage

Federal Reserve Economic Data (FRED)

Enigma

Eurostat

OECD

Quandl

Stooq

Code Walk-Through

Normally redditors



Redditors when a market needs to be destroyed



Thank you!



Links to Resources

Tiingo API: <https://api.tiingo.com>

Tiingo on Pypi.org: <https://pypi.org/project/tiingo/#description>

Tiingo on readthedocs: <https://tiingo-python.readthedocs.io/en/latest/readme.html#usage>

Pandas Data Reader:

GitHub: <https://github.com/pydata/pandas-datareader>

Readthedocs (Tiingo section):

https://pandas-datareader.readthedocs.io/en/latest/readers/tiingo.html#module-pandas_datareader.tiingo