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The yfinance Python library

The yfinance is a Python library with a user-friendly interface for downloading historical market data from Yahoo Finance. It lets you get historical stock prices, dividends, and other financial data for stocks, exchange-traded funds (ETFs), and other securities.

This example shows code for using **yfinance** to download historical stock prices.

```
# Download historical data for a stock
msft = yf.Ticker("MSFT")
msft_data = msft.history(period="max")
# Display the downloaded data
```

Explanation for the above code:

- First, import the vfinance library using the alias vf.
 Then, create a Ticker object for the Microsoft stock ("MSFT").
- Use the history method of the Ticker object to download the historical data for the stock. The period parameter of the history method specifies when you want to download the data. In this example, it is set to max to download the maximum available historical data.

- period="1d": Download 1 day of historical data.

- perioda" 16": Download 1 day of historical data.
 perioda"5d": Download 5 days of historical data.
 perioda"1mo": Download 1 month of historical data.
 perioda"3mo": Download 3 months of historical data.
 perioda"6mo": Download 6 months of historical data.
- period="1v": Download 1 year of historical data.

- period="2y": Download 2 years of historical data.
 period="5y": Download 5 years of historical data.
 period="5y": Download 5 years of historical data.
 period="10y": Download 10 years of historical data.
- period="ytd": Download historical data since the beginning of the current year.
 period="max": Download all available historical data.

Finally, you print the downloaded data using the head function. This downloaded data will display a Pandas data frame containing Microsoft's historical stock prices and other financial data.

		Open	High	Low	Close	Volume	Dividends	Stock Splits
	Date							
	1986-03-13	0.055241	0.063365	0.055241	0.060657	1031788800	0.0	0.0
	1986-03-14	0.060657	0.063907	0.060657	0.062823	308160000	0.0	0.0
	1986-03-17	0.062823	0.064448	0.062823	0.063907	133171200	0.0	0.0
	1986-03-18	0.063907	0.064448	0.061740	0.062281	67766400	0.0	0.0
	1996-02-19	0.062201	0.062022	0.060667	0.061100	47994400	0.0	0.0

Author(s)

Pooja Patel

Change Log

Date	Version	Changed by	Change Description
2023-006-01	1.0	Pooja	Created the first version
2024-02-08	1.1	MS	QA Review