GOOGLEFINANCE

Fetches current or historical securities information from Google Finance.

Sample Usage

`GOOGLEFINANCE("NASDAQ:GOOG", "price", DATE(2014,1,1), DATE(2014,12,31), "DAILY")`

`GOOGLEFINANCE("NASDAQ:GOOG","price",TODAY()-30,TODAY())`

`GOOGLEFINANCE(A2,A3)`

Syntax

`GOOGLEFINANCE(ticker, [attribute], [start_date], [end_date|num_days], [interval])`

- `ticker` - The ticker symbol for the security to consider. It's **mandatory** to use **both** the exchange symbol and ticker symbol for accurate results and to avoid discrepancies. For example, use "NASDAQ:GOOG" instead of "GOOG."

  - If the exchange symbol is not specified, `GOOGLEFINANCE` will use its best judgement to choose one for you.

  - Reuters Instrument Codes are no longer supported. Use TSE:123 or ASX:XYZ instead of ticker 123.TO or XYZ.AX.

  - Not all futures are supported at this time.

- `attribute` - **[** OPTIONAL - `"price"` by default **]** - The attribute to fetch about `ticker` from Google Finance and is required if a date is specified.

  - `attribute` is one of the following for real-time data:

    - `"price"` - Real-time price quote, delayed by up to 20 minutes.

    - `"priceopen"` - The price as of market open.

    - `"high"` - The current day's high price.

    - `"low"` - The current day's low price.

    - `"volume"` - The current day's trading volume.

    - `"marketcap"` - The market capitalization of the stock.

    - `"tradetime"` - The time of the last trade.

    - `"datadelay"` - How far delayed the real-time data is.

    - `"volumeavg"` - The average daily trading volume.

    - `"pe"` - The price/earnings ratio.

    - `"eps"` - The earnings per share.

    - `"high52"` - The 52-week high price.

    - `"low52"` - The 52-week low price.

    - `"change"` - The price change since the previous trading day's close.

    - `"beta"` - The beta value.

    - `"changepct"` - The percentage change in price since the previous trading day's close.

    - `"closeyest"` - The previous day's closing price.

    - `"shares"` - The number of outstanding shares.

- "currency" - The currency in which the security is priced. Currencies don't have trading windows, so open, low, high, and volume won't return for this argument.
  - attribute is one of the following for historical data:
    - "open" - The opening price for the specified date(s).
    - "close" - The closing price for the specified date(s).
    - "high" - The high price for the specified date(s).
    - "low" - The low price for the specified date(s).
    - "volume" - The volume for the specified date(s).
    - "all" - All of the above.
  - attribute is one of the following for mutual fund data:
    - "closeyest" - The previous day's closing price.
    - "date" - The date at which the net asset value was reported.
    - "returnytd" - The year-to-date return.
    - "netassets" - The net assets.
    - "change" - The change in the most recently reported net asset value and the one immediately prior.
    - "changepct" - The percentage change in the net asset value.
    - "yieldpct" - The distribution yield, the sum of the prior 12 months' income distributions (stock dividends and fixed income interest payments) and net asset value gains divided by the previous month's net asset value number.
    - "returnday" - One-day total return.
    - "return1" - One-week total return.
    - "return4" - Four-week total return.
    - "return13" - Thirteen-week total return.
    - "return52" - Fifty-two-week (annual) total return.
    - "return156" - 156-week (3-year) total return.
    - "return260" - 260-week (5-year) total return.
    - "incomedividend" - The amount of the most recent cash distribution.
    - "incomedividenddate" - The date of the most recent cash distribution.
    - "capitalgain" - The amount of the most recent capital gain distribution.
    - "morningstarrating" - The Morningstar "star" rating.
    - "expenseratio" - The fund's expense ratio.
- start_date - [OPTIONAL] - The start date when fetching historical data.
  - If start_date is specified but end_date|num_days is not, only the single day's data is returned.
- end_date|num_days - [OPTIONAL] - The end date when fetching historical data, or the number of days from start_date for which to return data.
- interval - [OPTIONAL] - The frequency of returned data; either "DAILY" or "WEEKLY".
  - interval can alternatively be specified as 1 or 7. Other numeric values are disallowed.

Notes

Usage restrictions: The data is not for financial industry professional use or use by other professionals at non-financial firms (including government entities). Professional use may be subject to additional licensing fees from a third-party data provider.

- All parameters must be enclosed in quotation marks or be references to cells containing text. **Important:** A possible exception is when interval is specified as a number and when

`end_date|num_days` is specified as a number of days.

- Real-time results will be returned as a value within a single cell. Historical data, even for a single day, will be returned as an expanded array with column headers.

- Some attributes may not yield results for all symbols.

- If any date parameters are specified, the request is considered historical and only the historical attributes are allowed.

- `GOOGLEFINANCE` is only available in English and does not support most international exchanges.

- Historical data cannot be downloaded or accessed via the Sheets API or Apps Script. If you attempt to do so, you'll see a #N/A error in place of the values in the corresponding cells of your spreadsheet.

- Quotes are not sourced from all markets and may be delayed up to 20 minutes. Information is provided 'as is' and solely for informational purposes, not for trading purposes or advice.

- Google treats dates passed into `GOOGLEFINANCE` as as noon UTC time. Exchanges that close before that time may be shifted by a day.

Examples

Make a copy

Important: Each example is in its own tab.

General usage

Retrieves market information from Google Finance.

GoogleFinance : General Usage

Result	Formula	
97.37	=GoogleFinance("NYSE:DIS")	
97.37	=GoogleFinance("NYSE:DIS", "price")	
8165667	=GoogleFinance(NYSE:"DIS", "volume")	
1.4	=GoogleFinance("NYSE:DIS", "beta")	

General Usage

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Common attributes

GoogleFinance : Common Attributes

symbol	NYSE:DIS		
attribute	Result	Formula	
price	97.37	=GoogleFinance(B1,A5)	
priceopen	97.69	=GoogleFinance(B1,A6)	
high	98.29	=GoogleFinance(B1,A7)	
low	96.89	=GoogleFinance(B1,A8)	
volume	8165667	=GoogleFinance(B1,A9)	
marketcap	177509701917	=GoogleFinance(B1,A10)	
tradetime	45481.66685	=GoogleFinance(B1,A11)	
datadelay	0	=GoogleFinance(B1,A12)	
volumeavg	9507169	=GoogleFinance(B1,A13)	
pe	105.49	=GoogleFinance(B1,A14)	

Common Attributes

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Historical market data

Retrieves historical market information based on the specified dates from Google Finance.

GoogleFinance : Historical Market Data

symbol	NASDAQ:GOOG	
attribute	high	
start_date	1/1/2012	
num_days or end_date	30	
interval	7	

Result	Formula
#N/A	=GoogleFinance(B1,B2,B3,B4,$

Historical Market Data

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Mutual funds

Common attributes for mutual funds.

GoogleFinance : Attributes For Mutual Funds

symbol	MUTF:FCNTX	

attribute	Result	Formula
closeYest	20.75	=GoogleFinance(B1,A5)
date	45478	=GoogleFinance(B1,A6)
returnytd	4.49	=GoogleFinance(B1,A7)
netassets	91385092867	=GoogleFinance(B1,A8)
change	0.28	=GoogleFinance(B1,A9)
changepct	1.37	=GoogleFinance(B1,A10
yieldpct	0.08	=GoogleFinance(B1,A11
returnday	-0.4	=GoogleFinance(B1,A12
return1	-2.55	=GoogleFinance(B1,A13
return4	5.9	=GoogleFinance(B1,A14

Attributes For Mutual Funds

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Currency exchange trends

Creates a chart inside a cell to display the currency exchange trend during the last 30 days, using the retrieving result returns by GoogleFinance.

GoogleFinance : Currency Exchange Trends

Base Currency	Days	
USD	30	

Compared Currency	Trend	
EUR		=SPARKLINE(GoogleFinance("C
AUD		=SPARKLINE(GoogleFinance("C
CAD		=SPARKLINE(GoogleFinance("C
GBP		=SPARKLINE(GoogleFinance("C
		=SPARKLINE(GoogleFinan
CNY		
		=SPARKLINE(GoogleFinan
JPY		

Currency Exchange Trends

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