
LESSON 2
5 MIN ESTIMATED TIME

Access the data in Google Sheets

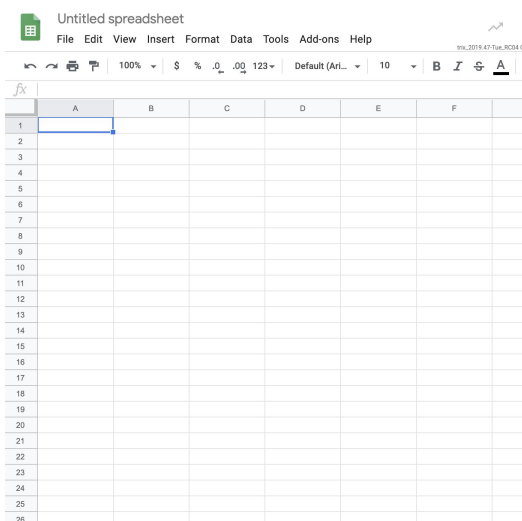
You can access all of the Google Finance data in Google Sheets. This is helpful if you want to download, analyze, and visualize the data.

Access the data in Google Sheets

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STEP 1 OF 7

Create a new sheet in Google Sheets 'sheets.new'.



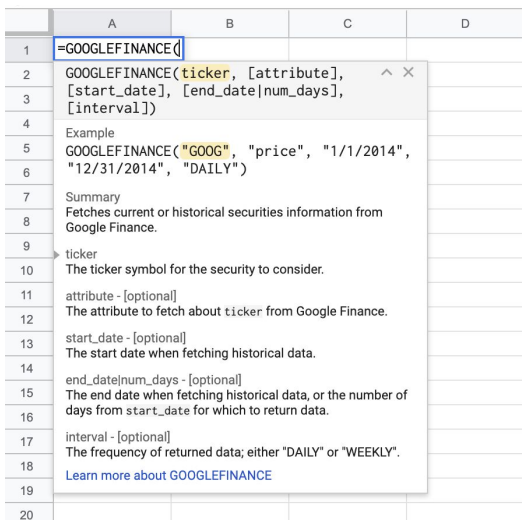
STEP 2 OF 7

To access the finance data, click on a cell and start your query by entering:

=GOOGLEFINANCE(“

The full query requires the following:

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

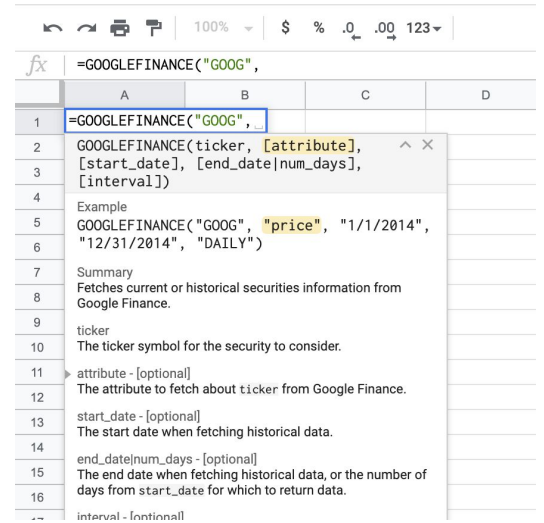


STEP 3 OF 7

Add the ticker to the query:

=GOOGLEFINANCE("GOOG")

"GOOG" is the ticker and can be replaced with any of the stock tickers from the 53 stock exchanges listed in Google Finance.

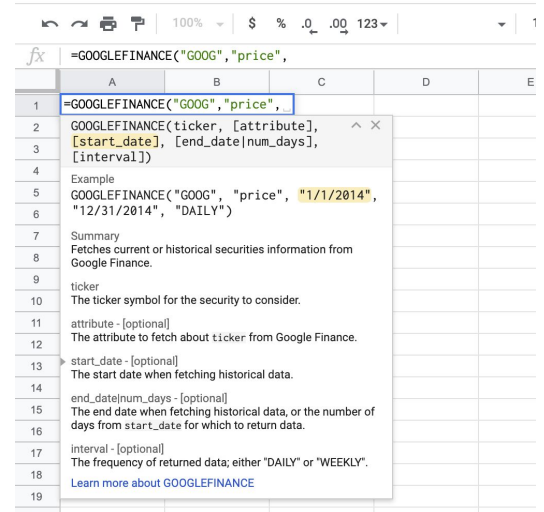


STEP 4 OF 7

Add the attribute that you want the details of:

=GOOGLEFINANCE("GOOG","price",

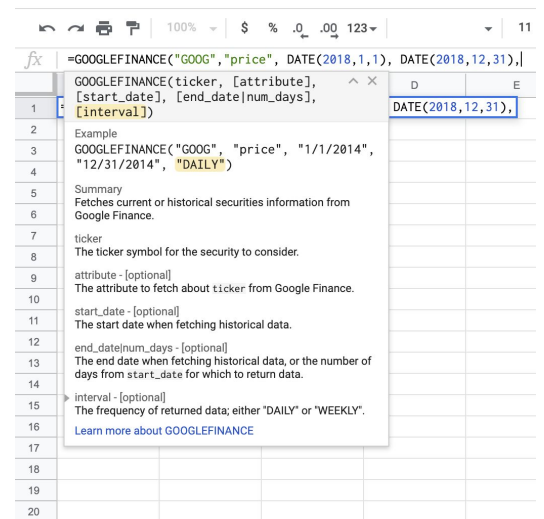
This example shows that we're interested in "price" for the stock GOOG. Other attributes you can examine are: "priceopen", "high", "low", "volume", "marketcap", "tradetime", "datadelay", "volumeavg", "pe", "eps", "high52", "low52".



STEP 5 OF 7

Add the date period that you are interested in:

=GOOGLEFINANCE("GOOG","price", DATE(2018,1,1), DATE(2018,12,31),



STEP 3 OF 7

Now, add the timing interval:

```
=GOOGLEFINANCE("GOOG","price", DATE(2018,1,1),  
DATE(2018,12,31),"DAILY")
```

In this example, we've chosen DAILY but you can also look at WEEKLY prices.

The screenshot shows a Google Sheets interface with a tooltip for the `GOOGLEFINANCE` function. The tooltip text is as follows:

- `GOOGLEFINANCE(ticker, [attribute], [start_date], [end_date|num_days], [interval])`
- Example**
`GOOGLEFINANCE("GOOG", "price", "1/1/2014", "12/31/2014", "DAILY")`
- Summary**
Fetches current or historical securities information from Google Finance.
- Parameters:**
 - `ticker`: The ticker symbol for the security to consider.
 - `attribute` - [optional]: The attribute to fetch about ticker from Google Finance.
 - `start_date` - [optional]: The start date when fetching historical data.
 - `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".
- [Learn more about GOOGLEFINANCE](#)

STEP 4 OF 7

To complete the query, click enter. The sheet will pull in the data we have requested. In this example, it will be the daily closing price for Alphabet's (GOOG) stock price every day in the year 2018.

The screenshot shows the results of the `GOOGLEFINANCE` query in a Google Sheet. The table is as follows:

	A	B	C	D
1	Date	Close		
2	1/2/2018 16:00:0	1065		
3	1/3/2018 16:00:0	1082.48		
4	1/4/2018 16:00:0	1086.4		
5	1/5/2018 16:00:0	1102.23		
6	1/8/2018 16:00:0	1106.94		
7	1/9/2018 16:00:0	1106.26		
8	1/10/2018 16:00:0	1102.61		
9	1/11/2018 16:00:0	1105.52		
10	1/12/2018 16:00:0	1122.26		
11	1/16/2018 16:00:0	1121.76		
12	1/17/2018 16:00:0	1131.98		
13	1/18/2018 16:00:0	1129.79		
14	1/19/2018 16:00:0	1137.51		
15	1/22/2018 16:00:0	1155.81		
16	1/23/2018 16:00:0	1169.97		
17	1/24/2018 16:00:0	1164.24		

Congratulations!

Congratulations! You completed “Access Google Finance data in Sheets”.

To continue building your digital journalism skills and work toward Google News Initiative certification, go to our [Training Center](#) website and take another lesson.