

How can I calculate the number of months between two dates using Google Sheets?

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RECOMMENDED CITATION

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To calculate the number of months between two dates using Google Sheets, you can use the DATEDIF function. This function takes in three arguments - start date, end date, and the unit of measurement. By selecting "M" as the unit of measurement, the function will return the number of months between the two dates. This method is useful for tracking time intervals, planning projects, and analyzing data. It is a simple and efficient way to calculate the number of months between two dates in Google Sheets.

Google Sheets: Calculate the Number of Months Between Dates

You can use the following formulas to calculate the number of months between two dates in Google Sheets:

Formula 1: Calculate Full Months Between Two Dates

=DATEDIF(A2,B2,"m")

Formula 2: Calculate Fractional Months Between Two Dates

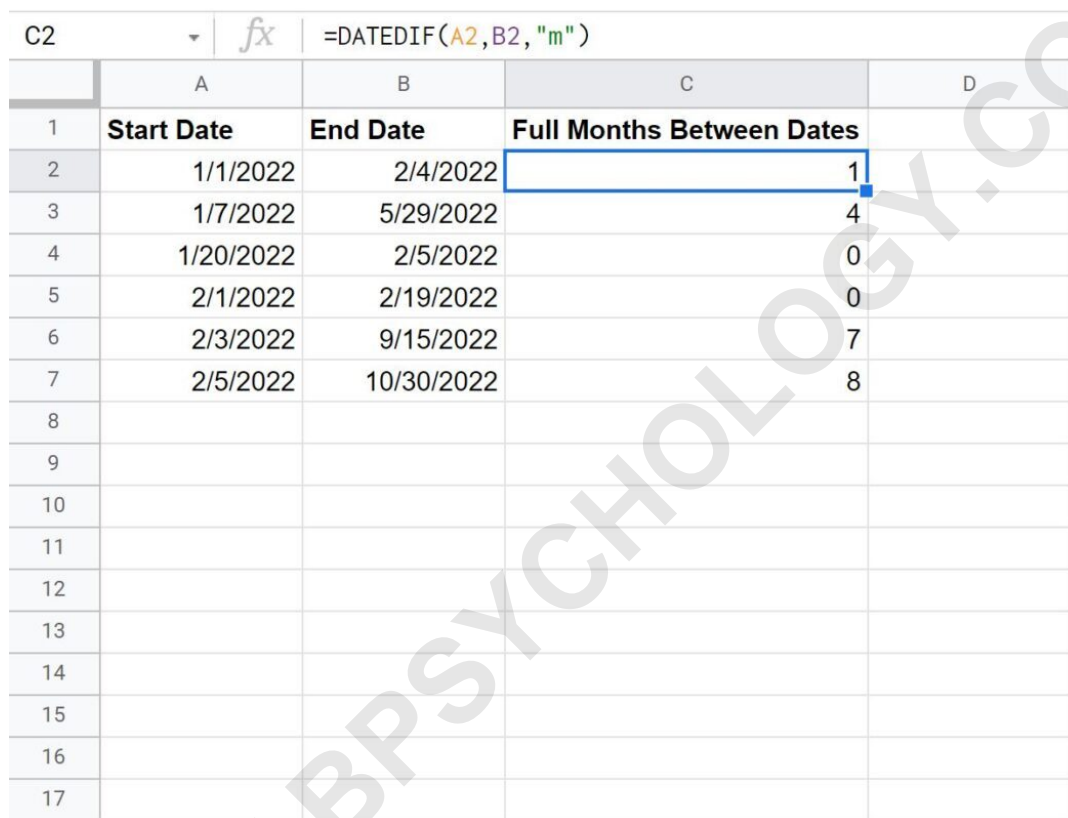
=DATEDIF(A2, B2, "m") + DATEDIF(A2, B2, "md")/(365/12)

Both formulas assume that cell A2 contains the start date and cell B2 contains the end date.

The following examples show how to use each formula in practice.

Example 1: Calculate Full Months Between Two Dates

The following screenshot shows how to calculate the number of full months between a list of start and end dates in Google Sheets:



The screenshot shows a Google Sheet with the following data:

| | A | B | C | D |
|----|------------|------------|---------------------------|---|
| 1 | Start Date | End Date | Full Months Between Dates | |
| 2 | 1/1/2022 | 2/4/2022 | 1 | |
| 3 | 1/7/2022 | 5/29/2022 | 4 | |
| 4 | 1/20/2022 | 2/5/2022 | 0 | |
| 5 | 2/1/2022 | 2/19/2022 | 0 | |
| 6 | 2/3/2022 | 9/15/2022 | 7 | |
| 7 | 2/5/2022 | 10/30/2022 | 8 | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |

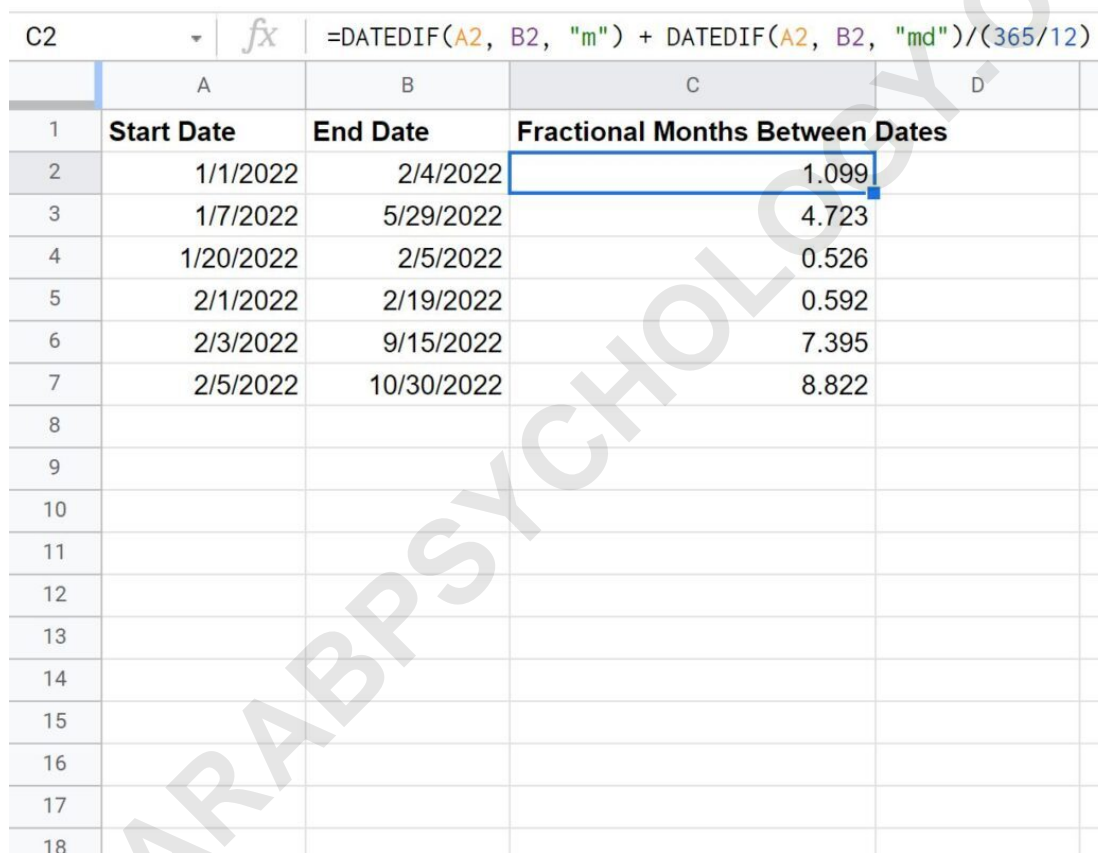
Here's how to interpret the output:

There is 1 full month between 1/1/2022 and 2/4/2022. There are 4 full months between 1/7/2022 and 5/29/2022. There are 0 full months between 1/20/2022 and 2/5/2022.

And so on.

Example 2: Calculate Fractional Months Between Two Dates

The following screenshot shows how to calculate the number of fractional months between a list of start and end dates in Google Sheets:



| | A | B | C | D |
|----|------------|------------|---------------------------------|---|
| 1 | Start Date | End Date | Fractional Months Between Dates | |
| 2 | 1/1/2022 | 2/4/2022 | 1.099 | |
| 3 | 1/7/2022 | 5/29/2022 | 4.723 | |
| 4 | 1/20/2022 | 2/5/2022 | 0.526 | |
| 5 | 2/1/2022 | 2/19/2022 | 0.592 | |
| 6 | 2/3/2022 | 9/15/2022 | 7.395 | |
| 7 | 2/5/2022 | 10/30/2022 | 8.822 | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |
| 18 | | | | |

Here's how to interpret the output:

There are approximately 1.099 months between 1/1/2022 and 2/4/2022. There are approximately 4.723 months between 1/7/2022 and 5/29/2022. There are

approximately 0.526 months between 1/20/2022 and 2/5/2022.

And so on.

Note #1: This formula uses 365/12 to approximate the number of days in a month. You can replace this value with 30 if you'd like to simplify the formula and make the assumption that a typical month has 30 days.

Note #2: You can find the complete documentation for the DATEDIF function in Google Sheets .

Additional Resources