

How can I convert a date in Google Sheets to the corresponding quarter and year?

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Converting a date to the corresponding quarter and year in Google Sheets can be done using the "QUARTER" and "YEAR" functions. The "QUARTER" function extracts the quarter from a given date, while the "YEAR" function extracts the year. These functions can be combined to create a formula that will automatically convert any given date to its corresponding quarter and year. This is a useful tool for organizing and analyzing data in a time-based format.

Google Sheets: Convert Date to Quarter and Year

You can use one of the following formulas to convert a date to a quarter and year in Google Sheets:

Formula 1: Convert Date to Quarter Only (e.g. Q1)

= "Q" & INT((MONTH(A1)+2)/3)

Formula 2: Convert Date to Quarter and Year (e.g. Q1-2022)

= "Q" & INT((MONTH(A1)+2)/3) & "-" & YEAR(A1)

Formula 3: Convert Date to Full Quarter Name and Year (e.g. Quarter 1 2022)

= "Quarter " & INT((MONTH(A1)+2)/3) & " " & YEAR(A1)

Note that each formula assumes the date is in cell A1.

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

Example 1: Convert Date to Quarter Only

We can use the following formula to convert a date to a quarter only:

= "Q" &INT((MONTH(A2)+2)/3)

We can type this formula into cell B2 and drag the formula down to every remaining cell in column B:

	A	B	C	D
B2		<code>= "Q" &INT((MONTH(A2)+2)/3)</code>		
1	Date	Quarter		
2	1/3/2022	Q1		
3	1/5/2022	Q1		
4	2/4/2022	Q1		
5	4/9/2022	Q2		
6	8/12/2022	Q3		
7	11/15/2022	Q4		
8	4/3/2023	Q2		
9	9/6/2023	Q3		
10	10/12/2023	Q4		
11	1/6/2024	Q1		
12				
13				
14				
15				
16				
17				
18				
19				
20				

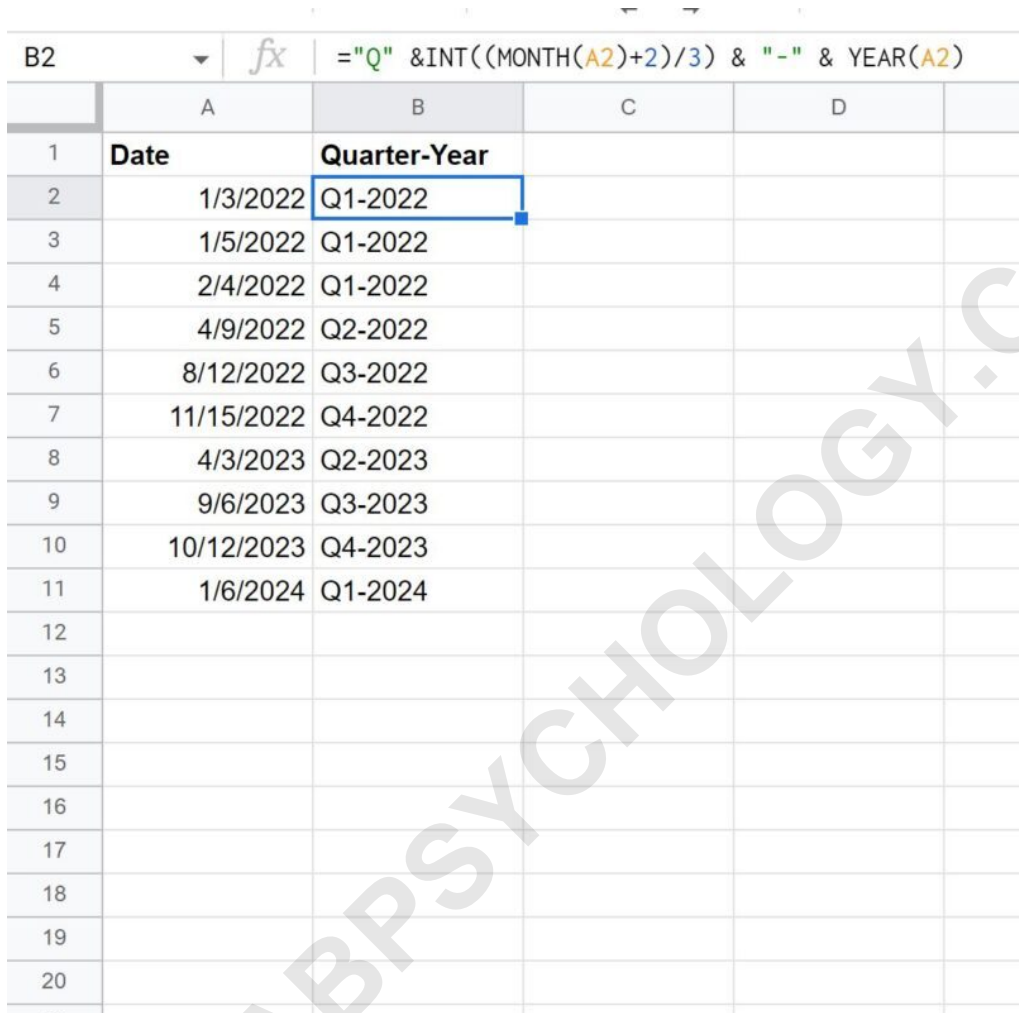
The quarter for each date in column A is shown in column B.

Example 2: Convert Date to Quarter and Year

We can use the following formula to convert a date to a quarter and year:

`= "Q" &INT((MONTH(A2)+2)/3) & "-" & YEAR(A2)`

We can type this formula into cell B2 and drag the formula down to every remaining cell in column B:



	A	B	C	D
1	Date	Quarter-Year		
2	1/3/2022	Q1-2022		
3	1/5/2022	Q1-2022		
4	2/4/2022	Q1-2022		
5	4/9/2022	Q2-2022		
6	8/12/2022	Q3-2022		
7	11/15/2022	Q4-2022		
8	4/3/2023	Q2-2023		
9	9/6/2023	Q3-2023		
10	10/12/2023	Q4-2023		
11	1/6/2024	Q1-2024		
12				
13				
14				
15				
16				
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18				
19				
20				

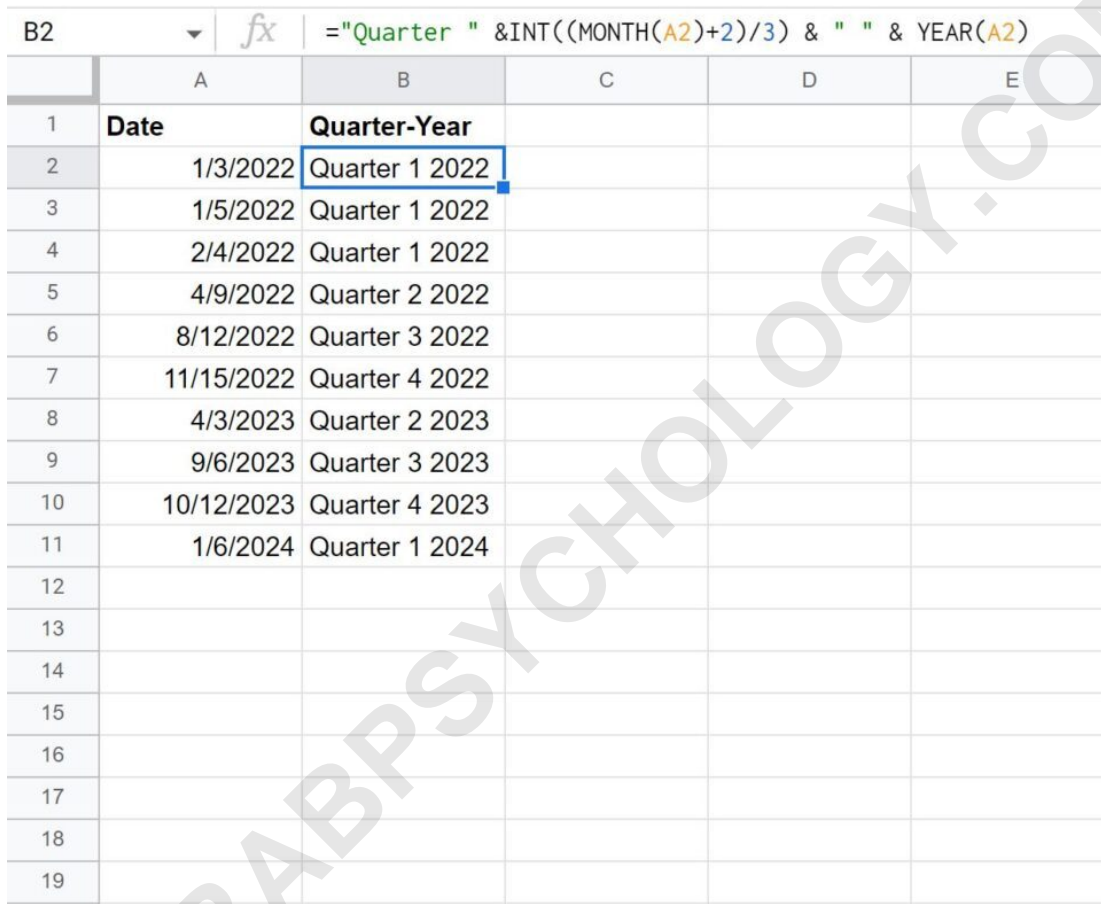
The quarter and year for each date in column A is shown in column B.

Example 3: Convert Date to Full Quarter Name and Year

We can use the following formula to convert a date to a full quarter name and year:

= "Quarter " &INT((MONTH(A2)+2)/3) & " " & YEAR(A2)

We can type this formula into cell B2 and drag the formula down to every remaining cell in column B:



	A	B	C	D	E
1	Date	Quarter-Year			
2	1/3/2022	Quarter 1 2022			
3	1/5/2022	Quarter 1 2022			
4	2/4/2022	Quarter 1 2022			
5	4/9/2022	Quarter 2 2022			
6	8/12/2022	Quarter 3 2022			
7	11/15/2022	Quarter 4 2022			
8	4/3/2023	Quarter 2 2023			
9	9/6/2023	Quarter 3 2023			
10	10/12/2023	Quarter 4 2023			
11	1/6/2024	Quarter 1 2024			
12					
13					
14					
15					
16					
17					
18					
19					

The quarter and year for each date in column A is shown in column B.

The following tutorials explain how to perform other common tasks in Google Sheets: