

How do you convert a date to quarter and year in Excel?

Authored by
stats writer

June 28, 2024

RECOMMENDED CITATION

stats writer (2024). *How do you convert a date to quarter and year in Excel?*.

PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=156455>

To convert a date to quarter and year in Excel, you can use the built-in function called "QUARTER". This function takes a date as input and returns the corresponding quarter and year in a specific format. The syntax for this function is "=QUARTER(date)" and it can be used in any cell within the worksheet. The result will be displayed as a number between 1 to 4 for the quarter and a four-digit number for the year. This method is useful for organizing and analyzing data based on quarterly or yearly time periods. It is also a convenient way to present data in reports or charts.

Excel: Convert Date to Quarter and Year

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

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	E	F
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	E	F	G
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							
17							
18							
19							
20							

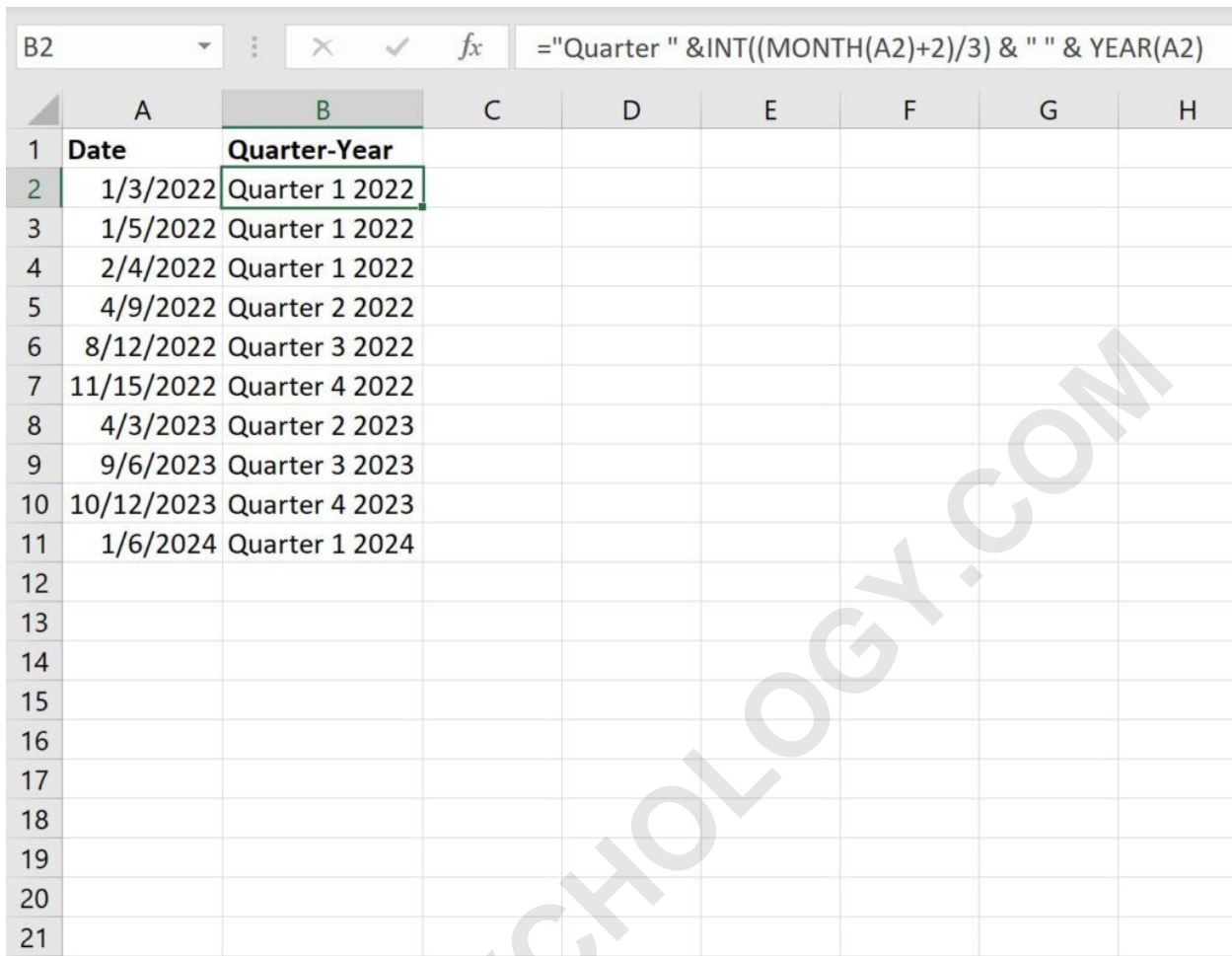
The quarter and year for each date in column A is shown in column B.

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:



The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H
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								
20								
21								

The formula bar shows the formula: `= "Quarter " & INT((MONTH(A2)+2)/3) & " " & YEAR(A2)`

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

Additional Resources

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