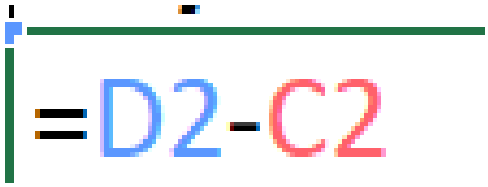
Excel Date Formulas

Text → Date

B	C	D	E
Start Date			**End Date**
2024-01-01	=DATE(YEAR(B2),MONTH(B2),DAY(B2))		

B	C
Start Date	
2024-01-01	1/1/2024
2024-02-15	2/15/2024
2024-03-01	3/1/2024
2024-04-10	4/10/2024
5/5/2024	5/5/2024

Calculate Days Remaining



DATEDIF

- Calculates the difference between two dates

> 💡 `=DATEDIF()` **is a valid formula but it will not show in suggestions.**

```
DATEDIF(start_date, end_date, unit)
```

Q. Calculate the age

`TODAY()` → **Returns today's date**

D	E	F
Date of Birth	**Age**	
1990-07-12	=DATEDIF(D2,TODAY(),"Y")	

D	E
Date of Birth	Age
1990-07-12	34
1985-11-23	39
1992-05-14	32
1995-09-30	29
1988-02-18	37

Unit:

- `"Y"`: Years between the dates.
- `"M"`: Months between the dates.
- `"D"`: Days between the dates.
- `"YM"`: Months between the dates, ignoring years.
- `"YD"`: Days between the dates, ignoring years.
- `"MD"`: Days between the dates, ignoring months.

Join text

- Use `&`

Year & Month

```
=DATEDIF(D2,TODAY(),"Y")&" Years, "& DATEDIF(D2,TODAY(),"YM")&" Month
s"
```

Age
34 Years, 8 Months
39 Years, 4 Months
32 Years, 10 Months
29 Years, 6 Months
37 Years, 1 Months

`YM` → Months between the dates, ignoring years.

Year, Month, Date

```
=DATEDIF(D2,TODAY(),"Y")&" Years, "& DATEDIF(D2,TODAY(),"YM")&" Month
s, "&DATEDIF(D2,TODAY(),"MD")& " Days"
```

Age
34 Years, 8 Months, 19 Days
39 Years, 4 Months, 8 Days
32 Years, 10 Months, 17 Days
29 Years, 6 Months, 1 Days
37 Years, 1 Months, 13 Days

Date → Text

2018-03-22	=TEXT(C14,"dd-mmm-yyyy")

EOMONTH

- Calculates the **end of the month** for a given date.
- You can specify how many months before or after a specific date you want to find the end of the month.

```
EOMONTH(start_date, months)
```

- **start_date**: The starting date from which the calculation will be made.
- **months**: The number of months before or after the start date. A positive number gives a future date, and a negative number gives a past date.

```
=EOMONTH(TODAY(), 0)
```

👆This will return the last day of the current month.

WORK DAYS

`=NETWORKDAYS.INTL()`

```
NETWORKDAYS.INTL(start_date, end_date, [weekend], [holidays])
```

- **[weekend]** *(optional)*: A 7-character string that specifies which days of the week are weekends (non-working days). Each character represents a day of the week, starting from Monday to Sunday. "1" means the day is a weekend, and "0" means the day is a working day.
  - For example, "0000011" means that Saturday and Sunday are weekends.

    - Default is "0000011" (Saturday and Sunday as weekends).
- **[holidays]** *(optional)*: A range or array of dates that you want to exclude from the calculation, such as public holidays.

Excluding holiday

- If you want to exclude specific holidays, for example, you have a list of holidays in cells `F1:F5`.

You can use the following formula:

```
=NETWORKDAYS("1/1/2025", "3/31/2025", F1:F5)
```

- This will exclude weekends (Saturday and Sunday) and any dates in the `F1:F5` range from the working day count.