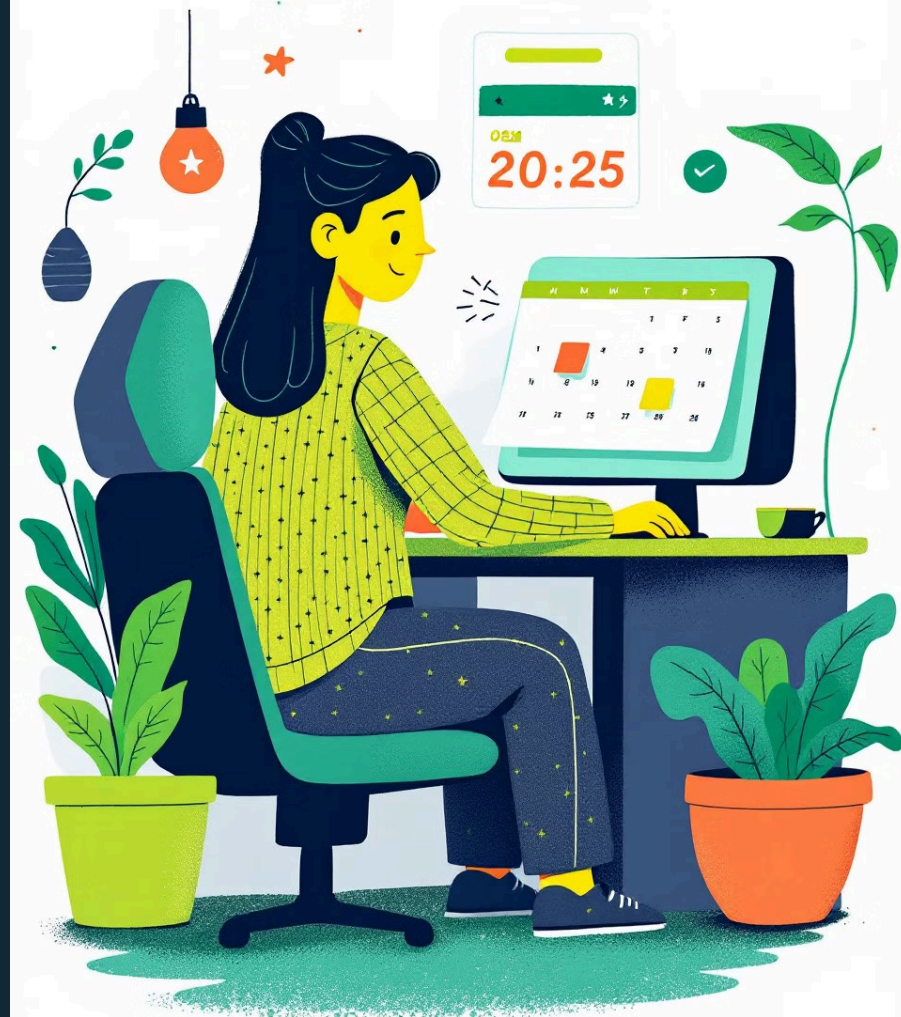


# Excel DATE Function

The Excel DATE function creates valid dates from year, month, and day components. It's useful for assembling dates that need to change dynamically based on other worksheet values.



by Excel Training London



# Purpose and Syntax

## 1 Purpose

Create a date with year, month, and day components

## 2 Return Value

A valid Excel date (serial number)

## 3 Syntax

=DATE(year,month,day)

## date function

$$\text{DATE} = (4/1s(5/(1 \times 10) \\ 5)$$

$$5 = (1.454 / 36() \times 15) \\ 5 \times 2)$$

$$\text{Excel} = x,.215, (4/ + 10:4) \\ 11:49$$

$$P = /1/14(x + / 20:4) \\ 16 \times 7)$$

$$\text{AZL} = // .23/7 + / 2016) \\ 40 \times 2)$$

$$\text{AL} = 1 - R. + / (1k1y/8) \\ 90 \times$$

# How to Use DATE

1

## Provide Arguments

Enter year, month, and day as numbers

2

## Function Returns Serial Number

DATE returns a serial number representing the date

3

## Apply Date Format

Format the cell to display as a date



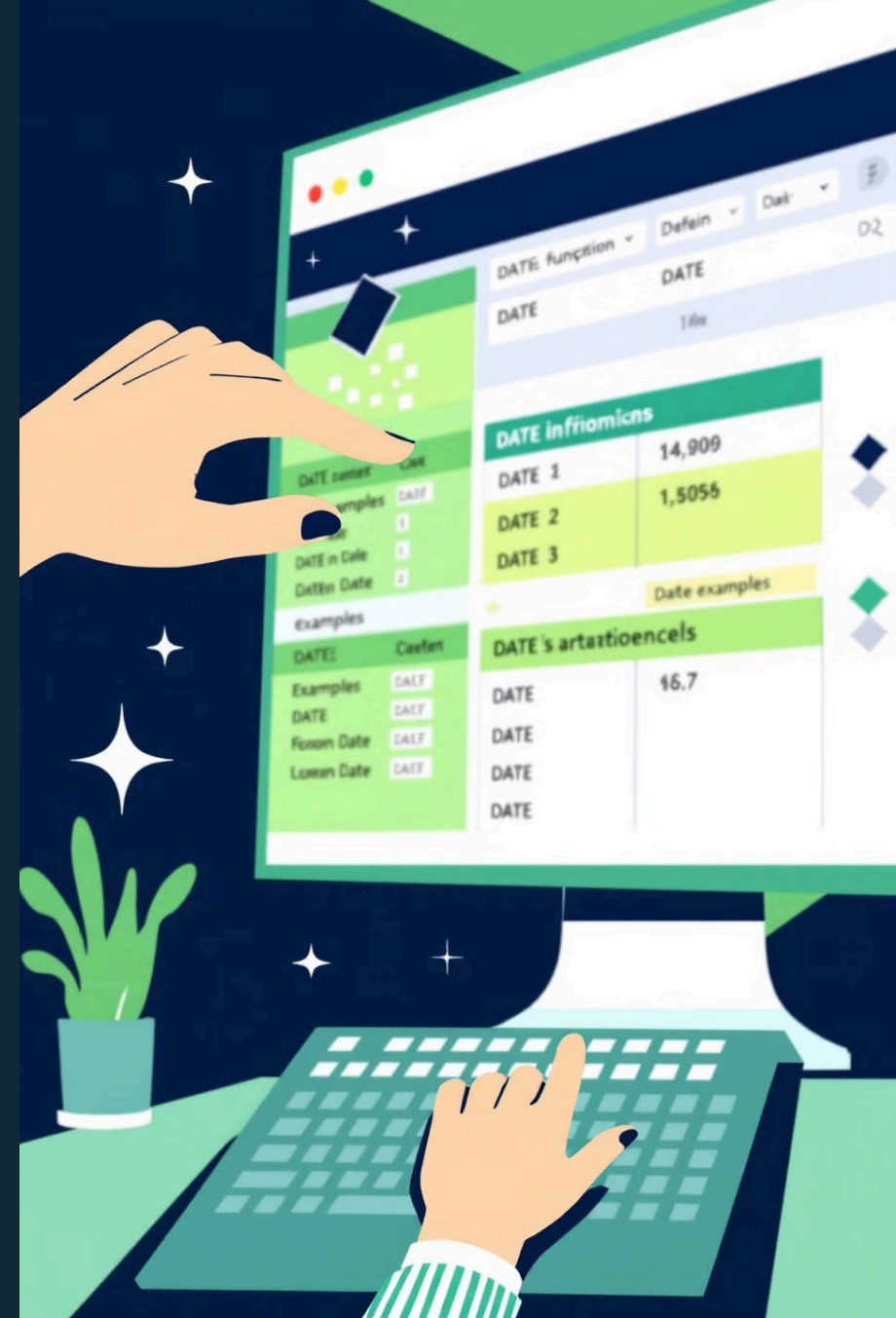
# Examples: Hard-coded Numbers

January 1, 1999

`=DATE(1999,1,1)`

June 1, 2010

`=DATE(2010,6,1)`



# Dynamic Dates with Cell References

## Formula

`=DATE(A1,4,15)`

## Result

If A1 contains 2018: April 15, 2018

If A1 changes to 2019: April 15, 2019

# Using DATE with Other Functions



## SUMIFS

Sum values based on date criteria



## COUNTIFS

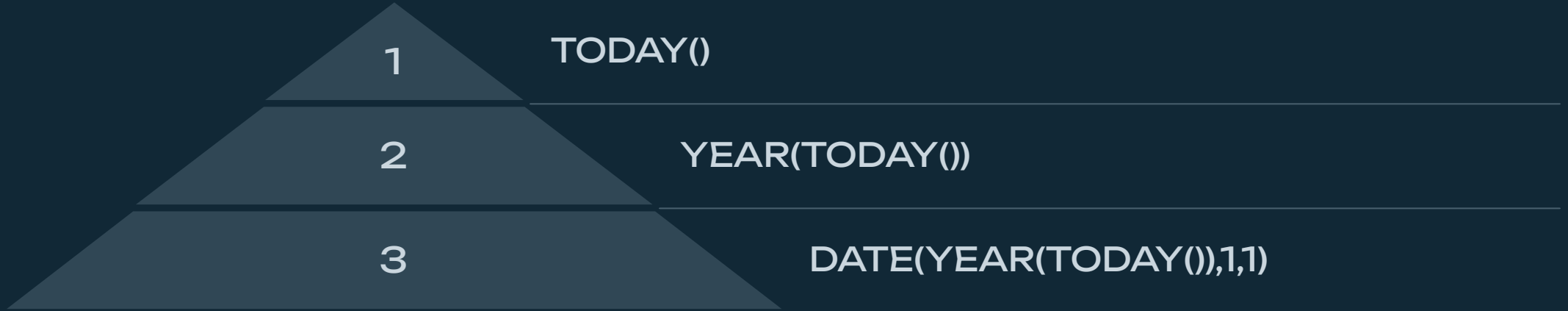
Count cells meeting date criteria



## TODAY

Get current date for calculations

# First Day of Current Year



This nested formula returns the first day of the current year.

## DATE OF NUMBERS

DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
1,133	58,20	41/03	48/06	68/74	15/12	7:91	81,25	8,38	9/45	9/46	6/40
1,132	90,80	47/45	47/45	37/96	13/13	7/49	81,25	5/72	7/84	9/45	3/07
2,172	60,78	32/63	21:53	58/45	13/12	7:56	31,56	8,65	5/46	9/46	24;20
3,135	24,700	40/60	43;55	60/44	43/41	4:85	81,86	8/25	5/44	9/85	4:80
1,151	114,200	42/03	45/25	64/67	15/18	4,50	41,94	8/34	5/64	3/15	7/09
1,142	25,760	46/15	14/38	38/35	13/14	7/44	81,23	6/57	7/45	9/13	7:86
1,186	17,791	46/59	13,36	74/97	13,75	4:88	81,93	8/34	9/47	7/57	8/88
7,155	124,700	11,25	11;30	54/87	18/64	9:31	61,24	8/77	9/45	7:65	6:97
1,160	16/41	42/07	33/30	58/75	13/46	5/54	31,30	8/38	5/45	9/88	7/48
1,185	17,40	15,09	17/40	44,48	15/42	4,55	81,79	8/35	4/42	9/50	7/60
7,157	46/18	42/30	41/78	50/43	28/49	3:66	31,25	8/73	4/45	3/14	6/88
7,183	35/18	41,53	47/36	35/97	18/18	8/43	47,85	8/72	4/82	17/18	6/97
7,106	22,00	41,33	41;39	321/66	15/16	2:39	31,36	9/24	4/45	11/51	4/49
7,153	249,200	41,25	43;29	352,26	17/43	3:80	31,35	8/00	4/45	17,28	6,48
7,144	356,400	45,75	15,07	551,96	18/49	3,68	31,35	8,50	4/45	11/18	6/60
0,128	154,500	41,56	41/56	98/75	15/79	3/28	31,32	8/50	4/62	11,15	0/60
0,106	152,701	43,73	41/99	231,05	15/65	5:35	31,28	8/75	5/48	17/78	8/64
0,182	134,700	41,78	41,75	761,78	13/44	6/65	31,99	8/57	5/65	17/77	6/68
0,157	155,750	10/67	42/77	321,79	24/65	2/25	81/26	8/81	6:84	17/18	8/57
0,102	57,66	41,28	15/83	56/91	17/47	3/35	81,28	8/23	4/46	17/17	8:65
0,172	58,25	43,45	11;88	56/98	19/41	3/38	81,95	8/83	9/45	5/11	6:64
0,173	13/53	41,55	19/36	58/78	17/15	3/52	81,75	8/25	6/74	7/71	5/56
0/11	18/78	20/78	11/78	18/95	20/97	1/38	2/27	8/79	DATE	DATE	2/17

# Important Notes

## Serial Numbers

DATE returns a serial number, not a formatted date

## Excel Date System

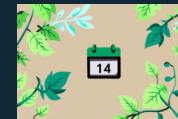
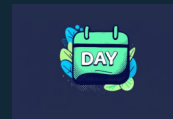
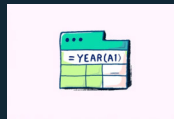
Dates begin in 1900. DATE adds 1900 to years between 0-1899

## Numeric Input Only

DATE accepts only numbers, not text



# Related Functions



# Key Takeaways

1

## Versatile

Create dates from individual components

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2

## Dynamic

Use with cell references for flexible dates

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3

## Combinable

Works well with other date/time functions