

Experiment ⑥.

Cleaning Data Containing Date and Time Values:
Use of DATE VALUE function, DATE ADD and
DATED-IF, TIME VALUE functions.

1. DATE VALUE function: Converts text to date format.

Eg.

=DATEVALUE("2022-01-01")

2. DATED IF function: calculates difference ^{blw} two dates in days, months, & years.

Eg.

=DATED IF(A1, B1, "D")

calculates days ^{blw} dates in A1 and B1).

3. TIME VALUE function:

converts text to time format.

Eg.

=TIMEVALUE("08:00:00")

These functions help clean and manipulate date and time data, ensuring accuracy and consistency.

DATED-IF AND DATE VALUE.

	Date	Month	Year	DOB	Today
1.	28	01	1998	28/01/1998	14/9/2025
2.	21	03	1993	21/03/1993	14/9/2025
3.				= date(y.m.d)	= today()
4.				↓ Select in table	

AGE.

Year	Month	Days
26	7	16
31	5	23

↓
= Datedif (DOB, Today, "md")

↓
= Datedif (DOB, Today, "ym")

↓
datedif (DOB, Today, "y")

Date value

Date value	Date value code
28-01-1998	35823
21-03-1993	34049

→ = Datavalue (Dativalue)

↓
= Text (DOB, "dd-mm-yyyy")



Shot on vivo Z1x
Vivo AI camera

2025.10.28 14:24

Time value.

hours	min	Sec	Time	Time format	Time value
9	0	0	9:00 AM	09:00:00	0.375
12	15	0	12:15 AM	12:15:00	0.510417

FORMULAS.

1. Date of Birth.

= date (year, Month, Day)

↳ Select year cell, month cell & Day cell

2. Today.

= Today () enter.

3. Year.

= dated if (DOB, Today, "y")

↳ (Select DOB cell, Today cell, type "y") enter

4. Month.

= dated if (DOB, Today, "ym")

↳ Select DOB cell, Today cell, type "ym" enter



5. Days.

=DATEDIF (DOB, Today, "md").

↳ (Select DOB cell, Today cell, type "md") enter.

6. Date value.

=TEXT (DOB, "dd-mm-yyyy")

↳ (Select DOB, type "dd-mm-yyyy")

7. Date value (code)

=DATEVALUE (Datevalue)

↳ (Select Datevalue cell)

Calculate TIME VALUE.

1. Time

= TIME (hr, min, Sec)

↳ (Select hr cell, min cell, sec cell)

2. Time format

↗
=TEXT (Time, "hh:mm:ss")

↳ (Select time cell, type hh:mm:ss)

3. Time value

↗
=TIMEVALUE (Time format).

↳ Select time format cell