



Excel Formulas

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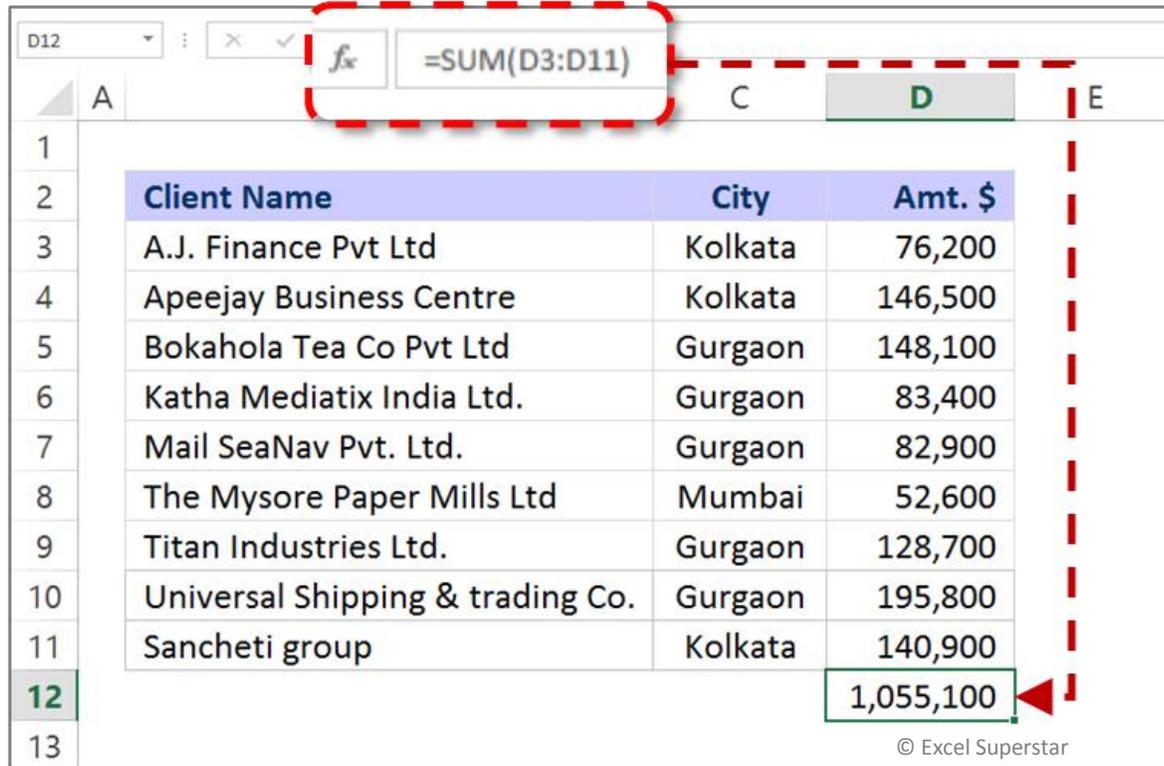
Sum Formula in Excel

Sabse pehle hum dekhte hain Sum Formula. Ye Generic Formula hai, Jo ki aap sabko aana he chaahiye. Ye kaafi easy hai.

```
Sum(number1, [number2] , ...)
```

Sum Formula-this Function, as the name suggests is used to sum up a group of Numbers in a Particular Column. This is complication free. You can easily find the Sum Function on your screen. The Function Button is there on the Home Tab. All you have to do is, select the part of the column and let the dedicated Button sum up the group of Numbers. For Example:

Sum Formula in Excel



	A	C	D	E
1				
2		Client Name	City	Amt. \$
3		A.J. Finance Pvt Ltd	Kolkata	76,200
4		Apeejay Business Centre	Kolkata	146,500
5		Bokahola Tea Co Pvt Ltd	Gurgaon	148,100
6		Katha Mediatix India Ltd.	Gurgaon	83,400
7		Mail SeaNav Pvt. Ltd.	Gurgaon	82,900
8		The Mysore Paper Mills Ltd	Mumbai	52,600
9		Titan Industries Ltd.	Gurgaon	128,700
10		Universal Shipping & trading Co.	Gurgaon	195,800
11		Sancheti group	Kolkata	140,900
12			1,055,100	
13				

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Tip 1: By going on Home Tab, Click on AutoSum at the Right hand side

Tip 2: By going in the Formula Bar

Tip 3: By applying the SUM Formula Directly

With these Three tips you can quickly SUM a Column and even Row of Numbers. All you have to do is, select the cell next to the numbers you wish to SUM.

Sum Formula in Excel

Related Formulas

- [AutoSum Formula in Excel](#)
- [Filter Data then Calculate sum formula in Excel](#)
- [SumIf Function in Excel](#)
- [Learn Excel in Hindi](#)

Average Formula in Excel

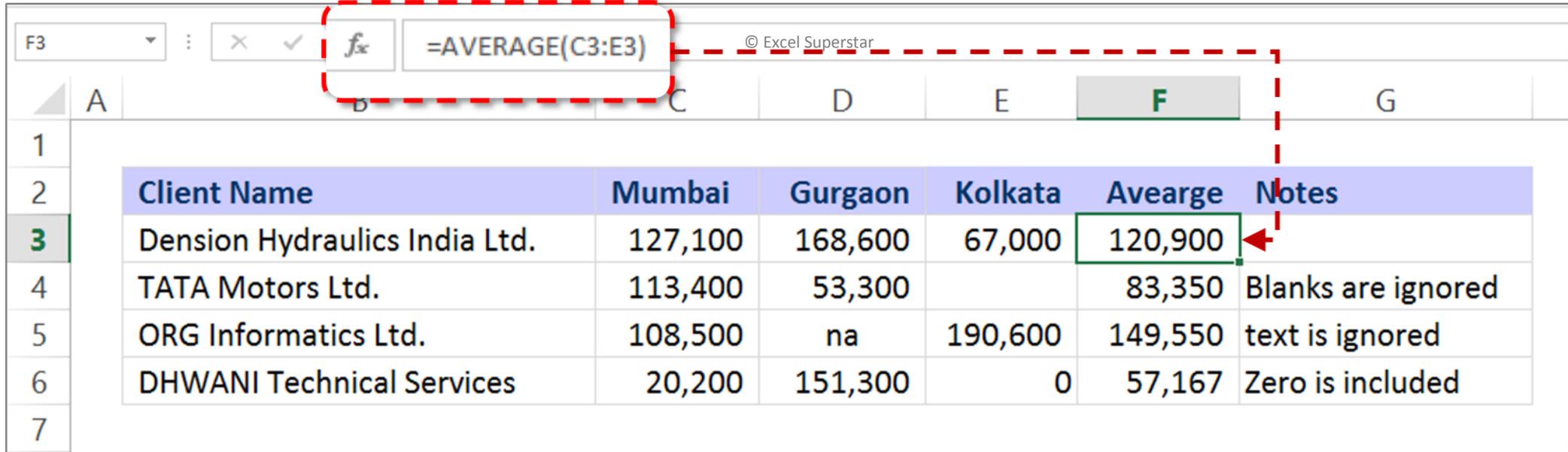
Then comes the Average Formula. Jaisa ke aap sabko yaad hee hoga, jab kabhi bhee aapke saamne kuch nos. kaa samuh hota thaa aur uska Average nikalna hota tha, toh Average Formula kaa use karke Average nikaal liya jaata thaa. Usi tarah, Excel in Hindi mei ye Average Formula ka use hota hai.

```
AVERAGE (number1, [number2] , ...)
```

This Formula will guide you through in case you were searching for how to Calculate Average in Excel. It is often used as an Worksheet Function in Excel. And, in this the AVERAGE Formula is considered a formula that could be entered in a cell in Excel. All you have to do is, click on a cell towards the right or below the numbers of which you need to find the Average for. Now go to the Home TAB, Edit Option, click on the AutoSum, click on the AVERAGE and then press enter.

Average Formula in Excel

Take an example, if the range is, A1:A20 which contains numbers, the *formula* would be `=AVERAGE(A1:A20)` that will return the *average* of those numbers.



Client Name	Mumbai	Gurgaon	Kolkata	Average	Notes
Dension Hydraulics India Ltd.	127,100	168,600	67,000	120,900	
TATA Motors Ltd.	113,400	53,300		83,350	Blanks are ignored
ORG Informatics Ltd.	108,500	na	190,600	149,550	text is ignored
DHWANI Technical Services	20,200	151,300	0	57,167	Zero is included

Average Formula in Excel

Average numbers ignore Zero

Client Name	Mumbai	Gurgaon	Kolkata	Average	Notes
TATA Motors Ltd.	127,100	168,600	0	98,567	Zeros included with Average
TATA Motors Ltd.	127,100	168,600	0	147,850	Zeros ignored with AVERAGEIF

The screenshot shows the Excel interface with the formula bar containing `=AVERAGEIF(C4:D4,"<>0")`. The formula bar is highlighted with a red dashed box. The table below illustrates the difference between the standard AVERAGE function (which includes zeros) and the AVERAGEIF function (which ignores zeros).

Tip 1: By going on Home Tab, Click on AutoSum then click on Average at the Right hand side

Tip 2: By going in the Formulas Bar

Tip 3: By applying the Average Formula Directly

Note: AVERAGE automatically ignores blanks cell and text, but **Zero Values are included.**

Average Formula in Excel

Related Formulas

- [Average function in Excel](#)
- [AverageIF function in Excel](#)
- [Full Excel Course in Hindi](#)

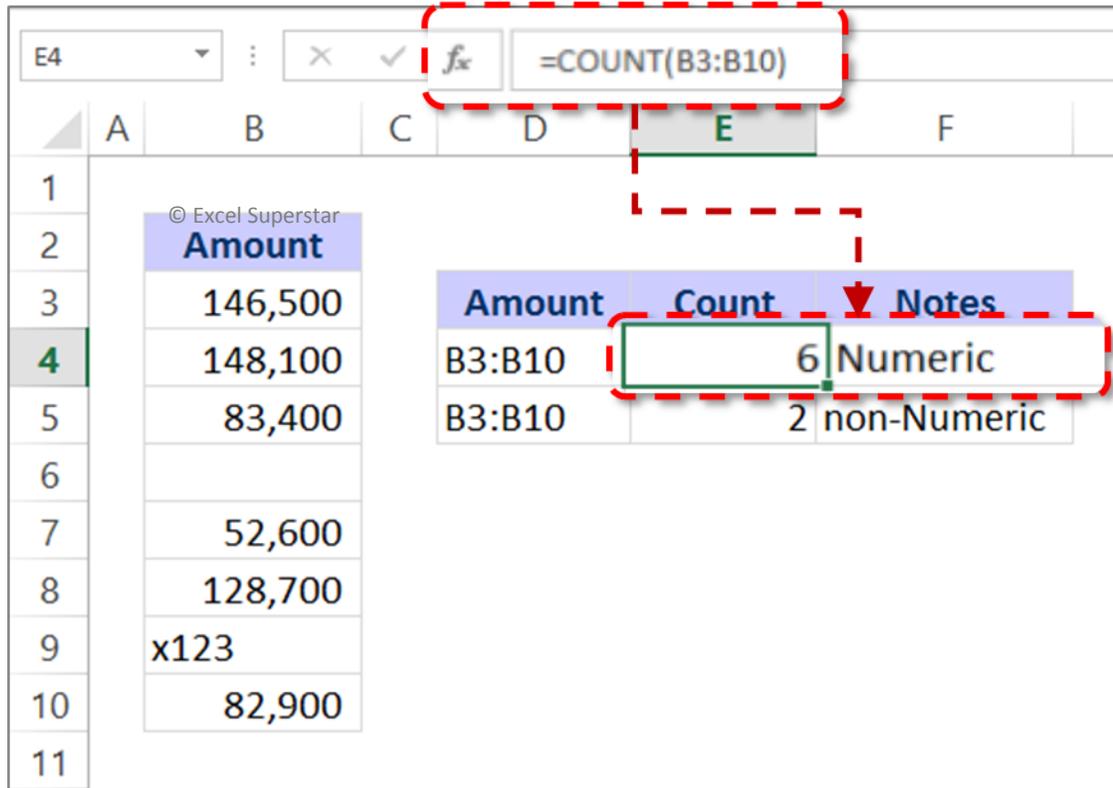
Count Formula in Excel

Count Formula vo excel Formula hai Hindi ka jo ke aapko help karta hai to Count the Number of Numbers in Supply Items.

```
COUNT (value1, [value2] , ...)
```

The most important and used Function in Excel has been SUM and the COUNT Formula. Excel Count function, helps you to find out and count the number or Cells that contains numbers.

Count Formula in Excel



The screenshot shows an Excel spreadsheet with the following data:

Amount	Count	Notes
146,500		
148,100	6	Numeric
83,400	2	non-Numeric
52,600		
128,700		
x123		
82,900		

The formula bar shows the formula: `=COUNT(B3:B10)`

Tip 1: By going on Home Tab, Click on AutoSum then click on COUNT Numbers at the Right hand side

Tip 2: By going in the Formulas Bar

Tip 3: By applying the COUNT Formula Directly

Note: The Count Numbers of Cells in range that do not contain numbers, Use [SUMPRODUCT](#) Formula

Count Formula in Excel

Related Formula

- [Count function in Excel](#)
- [Counta function in Excel](#)
- [CountBlank function in Excel](#)
- [CountIF function in Excel](#)
- [Sumproduct function in Excel](#)
- [Excel in Hindi](#)

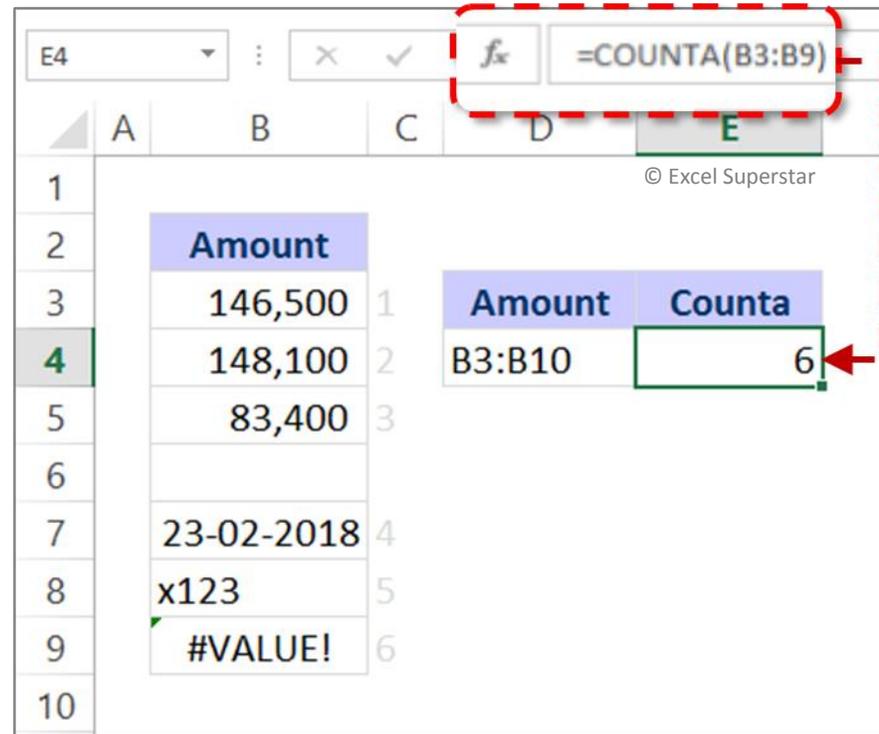
Counta Formula in Excel

COUNTA Function bhe Count Function ke tarah hai par ussei thoda different hai. Ye Excel Formula aapko non-blank cells ki calculation karne mei help karta hai.

```
COUNTA (value1, [value2] , ...)
```

COUNTA FUNCTION: With this Function, Calculate the value, number, text, error values and Logical Values while taking Excel in Hindi. **The COUNTA Function does not count the empty cells.** You can calculate the value of the Non-blank cells with the help of COUNTA Function.

Counta Formula in Excel



	A	B	C	D	E
1					
2		Amount			
3		146,500	1	Amount	Counta
4		148,100	2	B3:B10	6
5		83,400	3		
6					
7		23-02-2018	4		
8		x123	5		
9		#VALUE!	6		
10					

Note: COUNTA Function helps in counting non blank cells, the cells might contain numbers, dates, text, logical values of TRUE and FALSE, errors or it could be empty text strings (“”). Any of these could be calculated if you use the COUNTA Formula.

Counta Formula in Excel

Related Formula

- [Count function in Excel](#)
- [Counta function in Excel](#)
- [CountBlank function in Excel](#)
- [CountIF function in Excel](#)

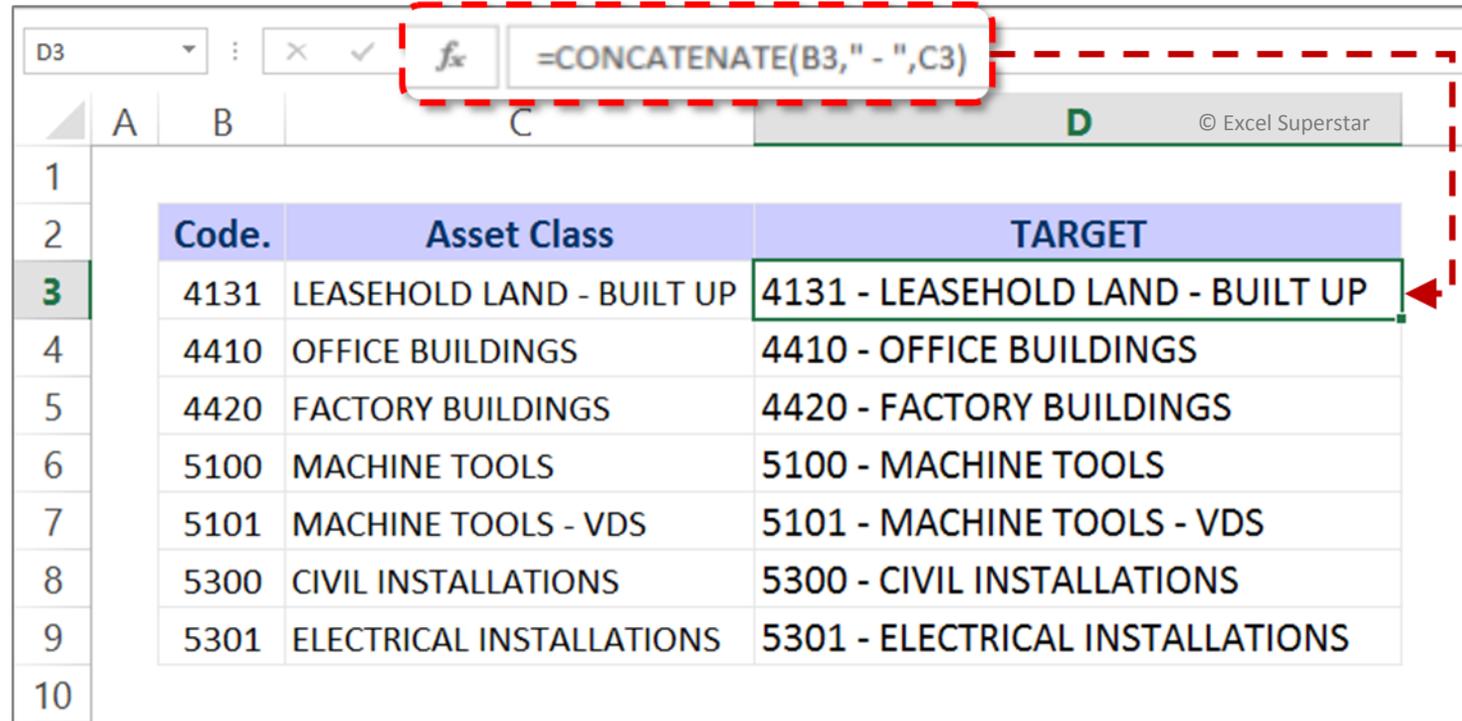
Concatenate Formula in Excel

Concatenate ka arth he jodna hai. Toh Concatenate [Excel in Hindi](#) mei ka vo Formula hai jo ki do yaa ussei jyaada cell references ko Jodne mei aapki help karega.

```
CONCATENATE (text1, [text2] , ...)
```

If you plan to join or combine two or more strings, numbers or cell references together you can join it by using CONCATENATE Function. It can join around 30 items together. This Function helps you to combine numbers, text from different cells into one cells.

Concatenate Formula in Excel

The image shows an Excel spreadsheet with a formula bar at the top. The formula bar contains the formula `=CONCATENATE(B3," - ",C3)`, which is highlighted with a red dashed box. Below the formula bar, a table is displayed with columns labeled 'Code.', 'Asset Class', and 'TARGET'. The table contains data for rows 2 through 9. The cell in row 3, column 'TARGET', is highlighted with a green border and contains the text '4131 - LEASEHOLD LAND - BUILT UP', which is the result of the formula. A red arrow points from the formula bar to this cell. The spreadsheet also shows column headers A, B, C, and D, and row numbers 1 through 10.

	A	B	C	D
1				
2		Code.	Asset Class	TARGET
3		4131	LEASEHOLD LAND - BUILT UP	4131 - LEASEHOLD LAND - BUILT UP
4		4410	OFFICE BUILDINGS	4410 - OFFICE BUILDINGS
5		4420	FACTORY BUILDINGS	4420 - FACTORY BUILDINGS
6		5100	MACHINE TOOLS	5100 - MACHINE TOOLS
7		5101	MACHINE TOOLS - VDS	5101 - MACHINE TOOLS - VDS
8		5300	CIVIL INSTALLATIONS	5300 - CIVIL INSTALLATIONS
9		5301	ELECTRICAL INSTALLATIONS	5301 - ELECTRICAL INSTALLATIONS
10				

Concatenate Formula in Excel

Related Formula

- [Left function in Excel](#)
- [Right function in Excel](#)
- [Mid function in Excel](#)
- [Learn Excel VBA in Hindi](#)

IF Formula in Excel

IF Formula vo Excel Formula hai jo kee aapko Sahi ya galat Value i.e Truth or False Value or Results nikaalne mei Help karta hai.

```
IF(logical_test, [value_if_true], [value_if_false])
```

Supposedly, the IF Function is considered to be good to perform a Logical Test. And then this Function of Excel returns one Value for true Results and the other Value for False. To bring out the information of Truth and False depending upon the Parameter put forward in the variable Box. The fact is, IF Function could be combined with other Logical Functions as well, such as AND and OR.

IF Formula in Excel

NestedIF

You might call it Nested IF and there are many who term it as Nested IF Statement. If the comparison is to be done for more than three IF Functions that would be needed to put up together. This is used basically when there are more than one IF Function. It helps in testing more Conditions so that there is a possibility to obtain further output and More Results.

You have to make sure, that Each If the statement has been carefully “nested” inside the other statement. And ensure that the logic applied is absolutely correct and in check.

IF Formula in Excel

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	A	B	C	D	E
1				>=18	>=60
2		Name	Age	Adult?	
3		Sam	6	Child	
4		Simon	23	Adult	
5		Maya	61	Sr Citizen	
6		David	31	Adult	
7					

The formula bar for cell D3 contains the formula: `=IF(C3>=60,"Sr Citizen",IF(C3<18,"Child","Adult"))`. A red dashed box highlights the formula bar and the cell D3. A red arrow points from the formula bar to the 'Child' result in cell D3.

IF Formula in Excel

Notes: When you are Constructing test with IF Formula, You can use any of the following Logical operators

Comparison Operator	Meaning
=	Equal to <small>© Excel Superstar</small>
<>	Not equal to
>	Greater than
<	Less than
>=	Greater than or equal to
<=	Less than or equal to

Related Formula

- [Master Logical Statement: True or False in Excel](#)
- [Right function in Excel](#)
- [IF Formula in Excel](#)
- [Nested IF Formula in Excel](#)
- [Excel Logical Function: AND, OR with IF Formula](#)

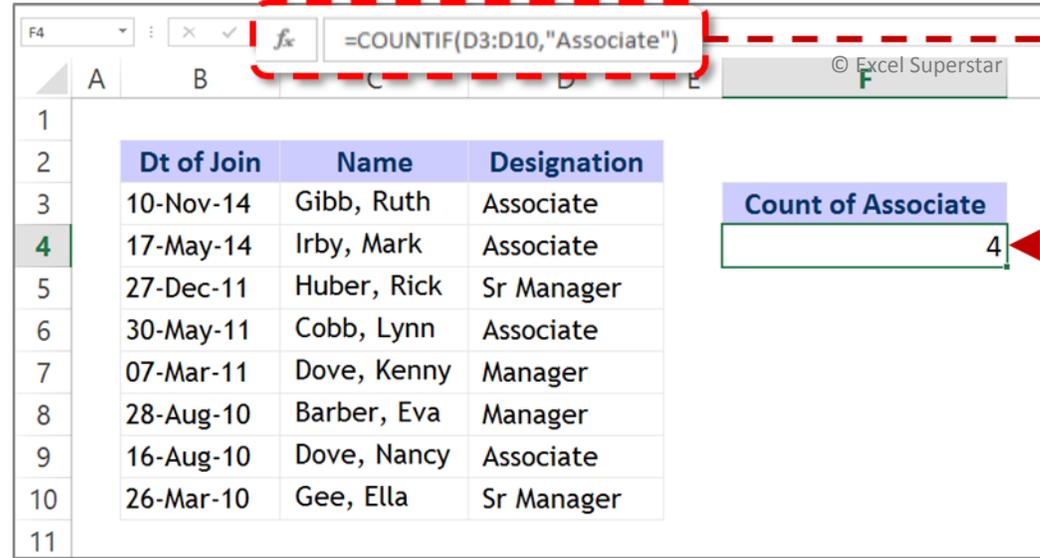
CountIF Formula in Excel

Jab COUNT IF ke baat aati hai, toh bol sakte hain, ye Count Function in Excel sei thoda alag hai. COUNT IF [Advanced Excel Hindi](#) Formula hai jo ki aapko [Excel in Hindi](#) mei saare cell Count karne mei help karta hai.

```
COUNTIF(range, criteria)
```

COUNTIF Formula is the Advanced Excel Formula. This has great uses of Conditional Functions. The COUNTIF Formula will help you to Count all the cells. To find out the solution of your question. COUNTIF Function does not Add up the Matching Values from the cells. What it does is, it Pulls and shows you the set. You can consider the Example of, counting cells that is equal to or greater than 21 (age) to find out the no. of bottles of champagne you need for a client event. So, you can use COUNTIF as the advanced solution here.

CountIF Formula in Excel



	A	B	C	D	E	F
1						
2		Dt of Join	Name	Designation		
3		10-Nov-14	Gibb, Ruth	Associate		
4		17-May-14	Irby, Mark	Associate		
5		27-Dec-11	Huber, Rick	Sr Manager		
6		30-May-11	Cobb, Lynn	Associate		
7		07-Mar-11	Dove, Kenny	Manager		
8		28-Aug-10	Barber, Eva	Manager		
9		16-Aug-10	Dove, Nancy	Associate		
10		26-Mar-10	Gee, Ella	Sr Manager		
11						

Formula Bar: =COUNTIF(D3:D10, "Associate")

Cell F4: Count of Associate 4

Notes: In COUNTIF Function, the values can be supplied directly in the form of Criteria. The text has to be enclosed in the double quotations i.e. (""). Whereas, in a situation where you've already got a criteria in the another cell. In this case, the Cell address can be supplied as the Criteria without quotations. You can see the same in the above example.

CountIF Formula in Excel

Related Formula

- [CountIF Formula in Excel](#)
- [IF Formula in Excel](#)
- [Nested IF Formula in Excel](#)
- [Excel Logical Function: AND, OR with IF Formula](#)

Vlookup Formula in Excel

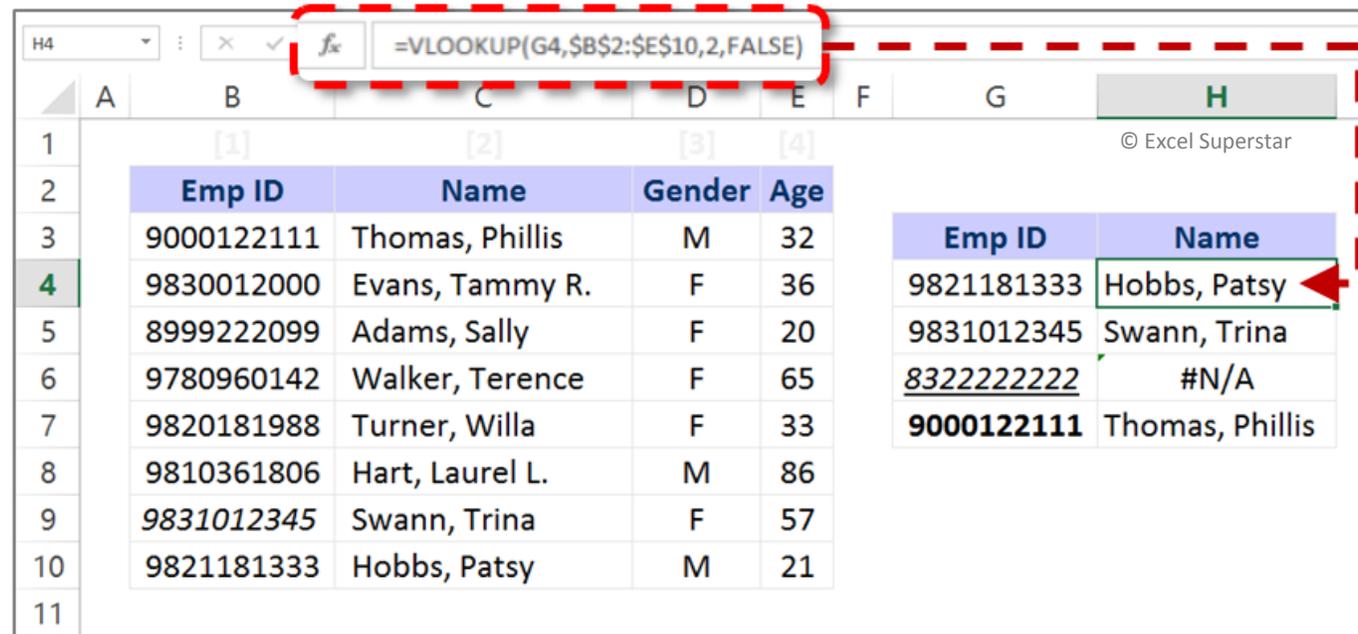
VLOOKUP, Doston ye mera favorite formula hai. Agar aapne [VLOOKUP Formula in Hindi](#) seekh liya toh maano aapne almost poora [Excel in Hindi](#) Seekh liya hai. VLOOKUP is that [Excel Formula](#) jo ke aapko aisi jaankaari dhoondhne mei madad karta hai jo ki Big Chunk of Data ke beech mei dhoondhna impossible hota hai.

```
VLOOKUP(lookup_value, table_array, col_index_num, [range_lookup])
```

VLOOKUP Function is used when there is a large set of Data. It becomes difficult to look out for any kind of information that has been missing. In order to pull out the piece of Information that you've been looking for, you can use the VLOOKUP Function. VLOOKUP will look out and pick up the exact piece of Information from the large segment of Data. And this Data is automatically picked and Put in the newly built Table.

Vlookup Formula in Excel

All you have to do is, go to the Function Option. You can enter the VLOOKUP Formula by finding it in the list or by using the Insert Function. With the insert Function, you can enter the VLOOKUP easily. [VLOOKUP FORMULA in Hindi](#) ko Doston jara dhyaan sei seekhein.



Emp ID	Name	Gender	Age
9000122111	Thomas, Phillis	M	32
9830012000	Evans, Tammy R.	F	36
8999222099	Adams, Sally	F	20
9780960142	Walker, Terence	F	65
9820181988	Turner, Willa	F	33
9810361806	Hart, Laurel L.	M	86
9831012345	Swann, Trina	F	57
9821181333	Hobbs, Patsy	M	21

Emp ID	Name
9821181333	Hobbs, Patsy
9831012345	Swann, Trina
8322222222	#N/A
9000122111	Thomas, Phillis

Vlookup Formula in Excel

Related Formula

- [Vlookup Formula in Excel Part 1](#)
- [Vlookup Formula in Excel Part 2](#)
- [Using Vlookup find Services tax & GST Rates in Excel](#)
- [Excel Vlookup in Multiple Sheets](#)
- [Vlookup vs. HLookup in Excel](#)

SumIF Formula in Excel

SUMIF Formula aapko help karega us data ko add karne mei jo ki aapke Criteria ko match karta hai. [Learn Excel in Hindi](#)

```
SUMIF(range, criteria, [sum_range])
```

SUMIF Function is the [Advanced Excel](#) Formula. This has great uses of Conditional Functions. [SUMIF Function](#) helps you find out a certain set of information that you've been searching for or which matches your criteria. The criteria contain the Wizard Box and this Wizard Box Contains the Sum Range Tab, range Tab, and the Criteria Tab. Well, Range Tab is the area you've been looking for. Criteria Tab helps you in finding the Cell. And with the SUM Range Tab, you'd be able to make additions. You'd be able to add the Data that matches your Criteria.

SumIF Formula in Excel

Formula bar: `=SUMIF(C3:C11,F4,D3:D11)`

Client Name	City	Amt. \$
A.J. Finance Pvt Ltd	Kolkata	76,200
Apeejay Business Centre	Kolkata	146,500
Bokahola Tea Co Pvt Ltd	Gurgaon	148,100
Katha Mediatix India Ltd.	Mumbai	83,400
Mail SeaNav Pvt. Ltd.	Gurgaon	82,900
The Mysore Paper Mills Ltd	Mumbai	52,600
Titan Industries Ltd.	Kolkata	128,700
Universal Shipping & trading Co.	Gurgaon	195,800
Sancheti group	Kolkata	140,900

City	Amt. \$
Mumbai	136,000

SumIF Formula in Excel

Related Formula

- [SumIF Formula in Excel](#)
- [Top Excel Formulas in Hindi](#)
- [CountIF Formula in Excel](#)
- [IF Formula in Excel](#)
- [Nested IF Formula in Excel](#)
- [Excel Logical Function: AND, OR with IF Formula](#)

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