

Veel gemaakte fouten in Excel en hoe die te vermijden

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Opbouw van de gegevens

Opbouw en gegevens

- Variabelen
- Niet dynamisch
- Niet tabulaire opbouw
- Input
- External links en functies
- Verwijs en rekenfouten
- Splitsen van sourcedata, dimension lists, calculations, dashboards

The screenshot displays the 'Edit Links' dialog box in Excel. The dialog box has a table with columns: Source, Type, Update, and Status. The first row shows 'Start.xlsx', 'Worksheet', 'A', and 'Unknown'. To the right of the table are buttons: 'Update Values', 'Chagge Source...' (highlighted), 'Open Source', 'Break Link', and 'Check Status'. Below the table, there is a 'Location' field with the URL 'https://xelpus.sharepoint.com/sites/T.../Excel Things You Do Wrong', an 'Item' field, and an 'Update' section with radio buttons for 'Automatic' (selected) and 'Manual'. At the bottom of the dialog are 'Startup Prompt...' and 'Close' buttons.

Below the dialog box, the formula bar shows the formula: `=[@Total]*EuroToDollar`.

Below the formula bar, a table shows a 'Conversion' column with 'EuroToDollar' and a 'Euro To Dollar' column with the value '1,1'.

At the bottom, a larger table shows sales data for various products and individuals, with a total row and an average row.

	Product 1	Product 2	Product 3	Product 4
John	18.000 €	16.500 €	17.500 €	19.500 €
Paul	21.000 €	17.000 €	15.000 €	18.540 €
Mary	19.500 €	17.520 €	18.500 €	18.950 €
Muriel	18.500 €	21.000 €	22.000 €	15.620 €
Marc	17.500 €	21.500 €	18.475 €	17.500 €
Totalen	94.500 €	93.520 €	91.475 €	90.110 €
Gemiddelden	31.500 €	31.173 €	30.492 €	30.037 €

Opmaak van gegevens

Opmaak

- Datums
- Merged cells
- Eenheden
- Volledige kolom/rij selecteren
- Getallen afronden
- Hiding columns / Rows

A	B	C	D
Sales overview			
Today's date	24-05-22		
	Product 1		Product 2
John	18.000 €		16.500 €
Paul	21.000 €		17.000 €

Total km
1520 km
450 km
1.850 km
1.105 km
357 km
3.312 km
1.104 km



Foutmeldingen in Excel

Foutmeldingen

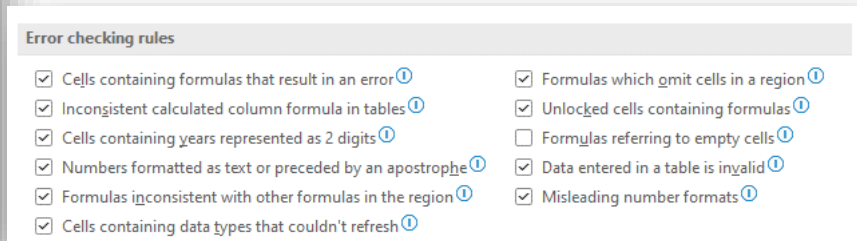
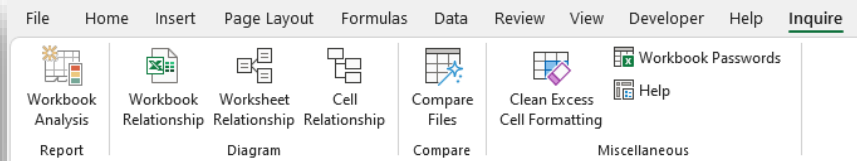
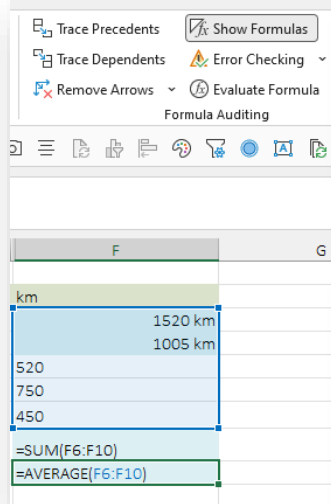
- ##### Error
- #NAME? Error
- #DIV/0! Error
- #NULL! Error
- #REF! Error
- #VALUE! Error
- #NA! Error
- #SPILL! Error
- #NUM! Error
- Circular references
- #CALC! Error
- #Busy! Error

Error	Meaning
#####	Not enough space to display the value
#NAME?	The function or rangename does not exist
#DIV/0!	Trying to divide by zero
#NULL!	There is a syntax error, due to missing comma's, operator, intersection etc
#REF!	reference to cells which do not exist anymore
#NA!	Value not found or operation not applicable
#SPILL!	The dynamic function cannot expand/spill results
#VALUE!	Value input error, cells have different types of data or uneven ranges
Circular reference	Reference to itself
#NUM!	When a calculation can't be performed due to innate logic or wrong argument
#CALC!	occurs when a formula runs into an calculation error with an array
#BUSY!	Occurs when online refreshing cannot be executed

Debuggen in Excel

Debugging

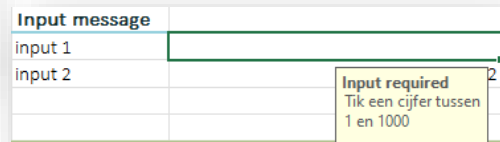
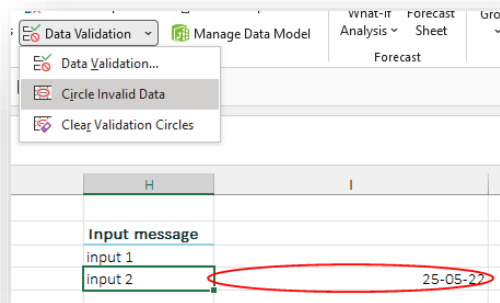
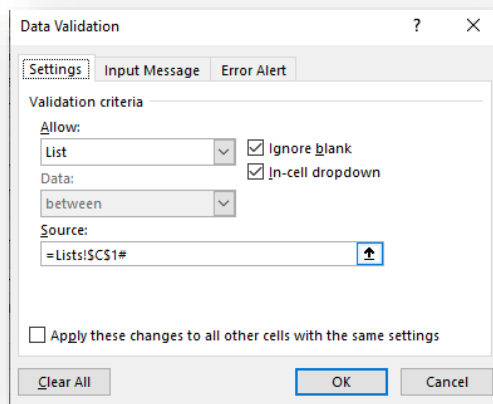
- Cell references
- Show formulas
- Tracing
- Error checking
- Evaluate formulas
- Excel fout melding opties
- Inquire add-in



Data validatie

Data validatie

- Types validatie
- 3 methods
- Invoer en fout meldingen
- Dynamische lijsten
- Afhankelijke dropdowns



Tips

Tips en functionaliteit

- Functie wizards
- Tooltips gebruiken
- Tables
- Bladbeveiliging
- Thema's & Stijlen
- Autosave

	Product 1	Product 2	Product 3	km
John	18.000 €	16.500 €	17.500 €	1520 km
Paul	21.000 €	17.000 €	15.000 €	1005 km
Mary	19.500 €	17.520 €	18.500 €	520 km
Muriel	18.500 €	21.000 €	22.000 €	750 km
Marc	17.500 €	21.500 €	18.475 €	450 km
Totalen	94.500 €	93.520 €	91.475 €	1720 km
Gemiddelden	18.900 €	18.704 €	18.295 €	573 km

Format Cells

Number

Alignment

Font

Border

Fill

Protection

☐ Locked

☐ Hidden

Locking cells or hiding formulas has no effect until you protect the worksheet (File, Protect group, Protect Sheet button).

=XLOOKUP(A16;

XLOOKUP(lookup_value; lookup_array; return_array; [if_not_found]; [match_mode]; [search_mode])

fx =IFNA(VLOOKUP(A16;\$A\$6:\$F\$10;5;0);"niet gevonden")

Function Arguments

VLOOKUP

Lookup_value: A16 = "Mary"

Table_array: \$A\$6:\$F\$10 = ("John";18000;16500;17500;19500;...)

Col_index_num: 5 = 5

Range_lookup: 0 = FALSE

Looks for a value in the leftmost column of a table, and then returns a value in the same row from a column you specify. By default, the table must be sorted in an ascending order.

Lookup_value is the value to be found in the first column of the table, and can be a value, a reference, or a text string.

Formula result = 18950

[Help on this function](#)

OK Cancel

Een aantal interessante bronnen

- EN
 - <https://www.myonlinetraininghub.com/10-common-excel-mistakes-to-avoid>
 - <https://www.excelfrog.com/error>
 - <https://www.teampay.co/insights/biggest-excel-mistakes-of-all-time/>
 - <https://repairit.wondershare.com/office-document-repair/fix-excel-error.html>
 - <https://www.ablebits.com/office-addins-blog/2015/12/15/circular-reference-excel/>
 - <https://exceljet.net/excel-data-validation-guide>
 - <https://www.howtoexcel.org/11-awesome-examples-of-data-validation/>
 - <https://www.auditexcel.co.za/blog/different-levels-of-protecting-excel-spreadsheets/>
 - <https://quickexcel.com/inquire-add-in-excel/>
- NL
 - <https://financieel-management.nl/artikelen/10-veel-voorkomende-fouten-in-excel/>
 - <https://support.microsoft.com/nl-nl/office/fouten-opsporen-in-formules-3a8acca5-1d61-4702-80e0-99a36a2822c1>

Happy debugging !

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