



# ***50+ Excel features from this decade***

DAVID BENAİM

27 JUNE 2024



# ***New Excel features from 2020s***

**David Benaim MVP**

***Which are  
you most  
interested  
in?  
(Ranking)***

Speed up

Data clean  
up

Analytics

Formulas

Data set up

Collaboration

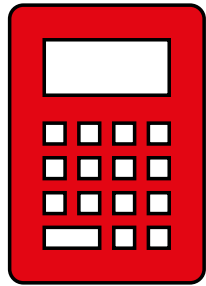
AI

***Over 14,000 subscribers***



David Benaim

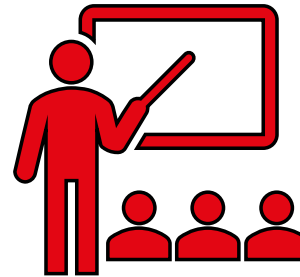
# *David Benaim*



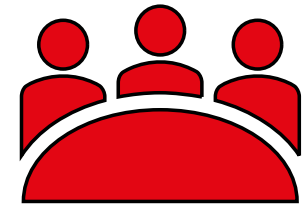
ICAEW  
accountant



Microsoft  
MVP



Training  
>3000



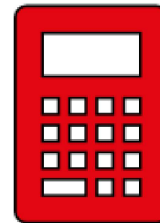
120  
Organis-  
ations

# *New features in Excel*

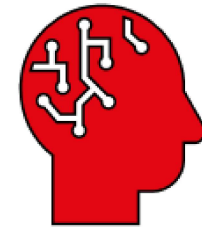
*Quick wins*



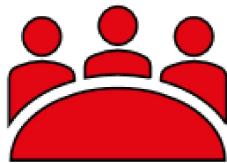
*Rebuilt formula engine*



*AI tools*



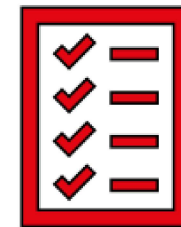
*Collaboration*



*Analysis tools*



*Summary*



***Quick  
wins***



# Quick wins

 Navigation  
*fx* =IMAGE  
 Alt F12

 123  
Workbook  
Stats

 From Picture ▾  
 From PDF  
 Sensitivity ▾

 New  
Script

 123  
Ctrl  
Shift V

 Right click  
search

 Pictures in cells ▾

 Pics in PivotTables ▾

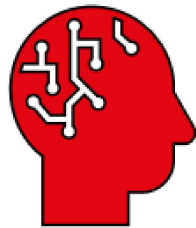




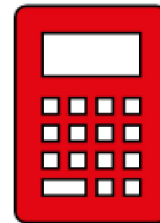
Demo

# ***New features in Excel***

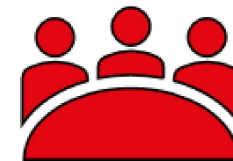
***AI tools***



***Rebuilt  
formula  
engine***



***Collab-  
oration***



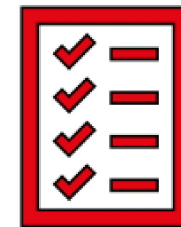
***Quick  
wins***



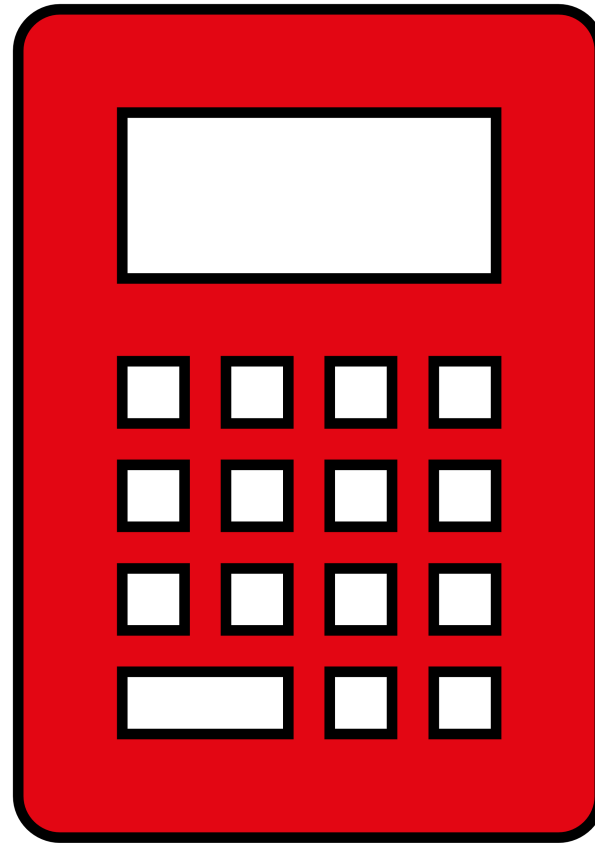
***Analysis  
tools***



***Summary***



***Rebuilt  
formula  
engine***



***Which  
formula  
features do  
you use?  
(Multi  
select)***

CONCATENATE

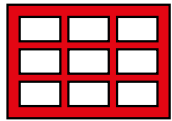
LEFT

```
=RIGHT(B13,LEN(B13)-  
IFERROR(SEARCH("  
",B13,SEARCH("  
",B13)+1),SEARCH(" ",B13)))
```

VLOOKUP

SUMPRODUCT

# *Rebuilt formula engine*



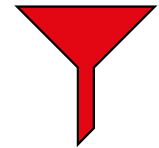
Return multiple  
cells



VSTACK



LAMBDA to  
write your own



UNIQUE,  
FILTER & SORT

## ***More dynamic arrays***

- HSTACK
- WRAPCOLS/WRAPROWS
- CHOOSECOLS/CHOOSEROWS
- TOCOL/TOROW
- SEQUENCE
- RANDARRAY
- SORTBY
- TAKE/DROP
- EXPAND

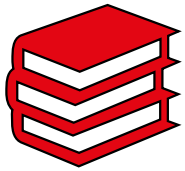
## ***More functions***

- LET
- TEXTAFTER

## ***Use dynamic arrays***



# ***New functions***



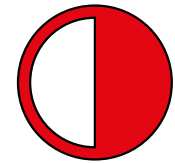
XLOOKUP



TEXTBEFORE



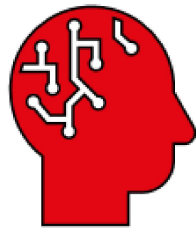
ARRAYTOTEXT,  
TEXTJOIN



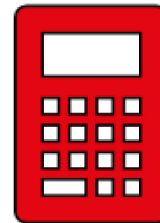
TEXTSPLIT

# ***New features in Excel***

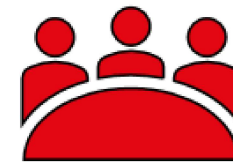
***AI tools***



***Rebuilt  
formula  
engine***



***Collab-  
oration***



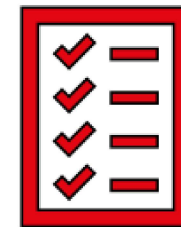
***Quick  
wins***



***Analysis  
tools***

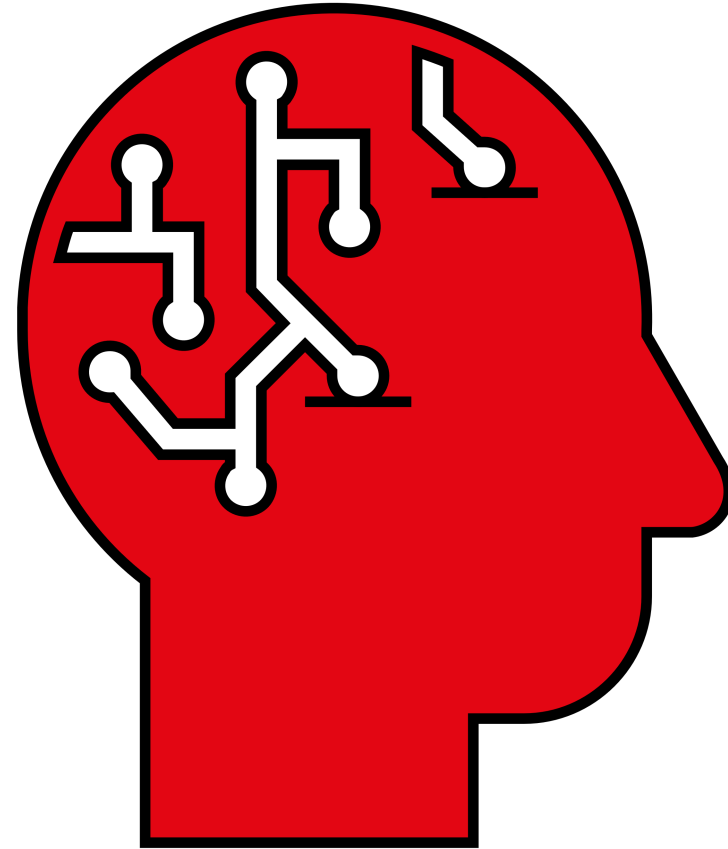


***Summary***





***AI tools***



***Which do  
you use?  
(Multi  
select)***

Exchange  
rates

Power Query

Pivot Tables

Data  
validation

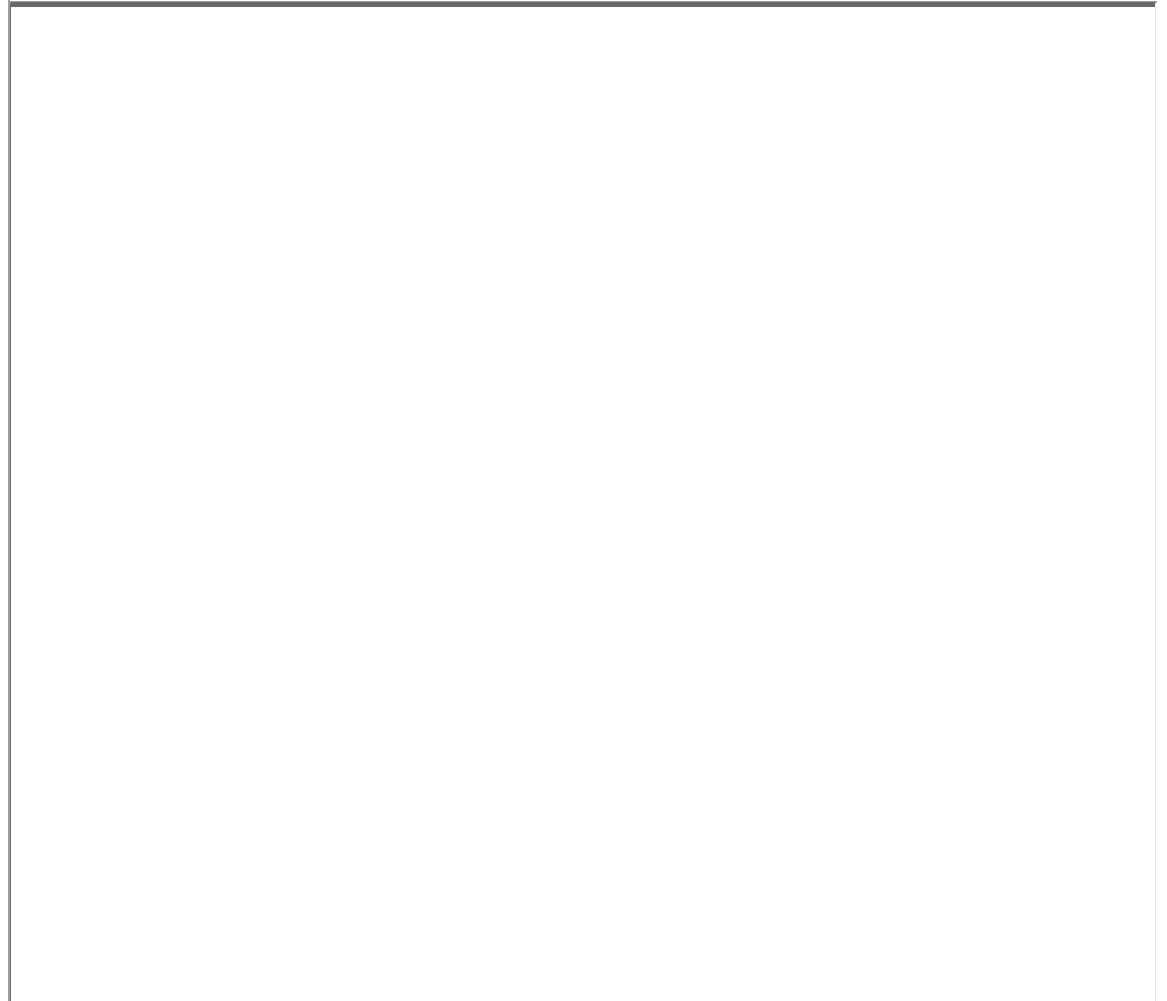
Simultaneous  
editing

Flash fill

## ***Familiar issue?***

| <b>Names</b> |
|--------------|
| Will         |
| Jane Peril   |
| Miss Jane    |
| Mr Will      |
| Will Smith   |
| Mr Will Slap |
| Bill         |
| Jane         |
| William      |
| Willi        |

## ***How do you fix it?***



# *AI tools*



Analyse data



Ask question  
about data



Check  
performance



Formula from  
examples



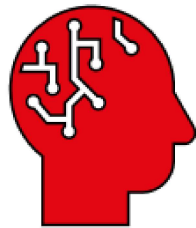
Data clean  
up



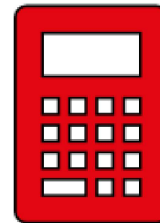
Demo

# ***New features in Excel***

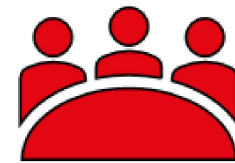
***AI tools***



***Rebuilt  
formula  
engine***



***Collab-  
oration***



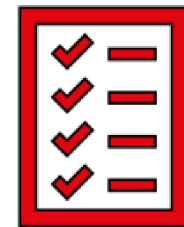
***Quick  
wins***



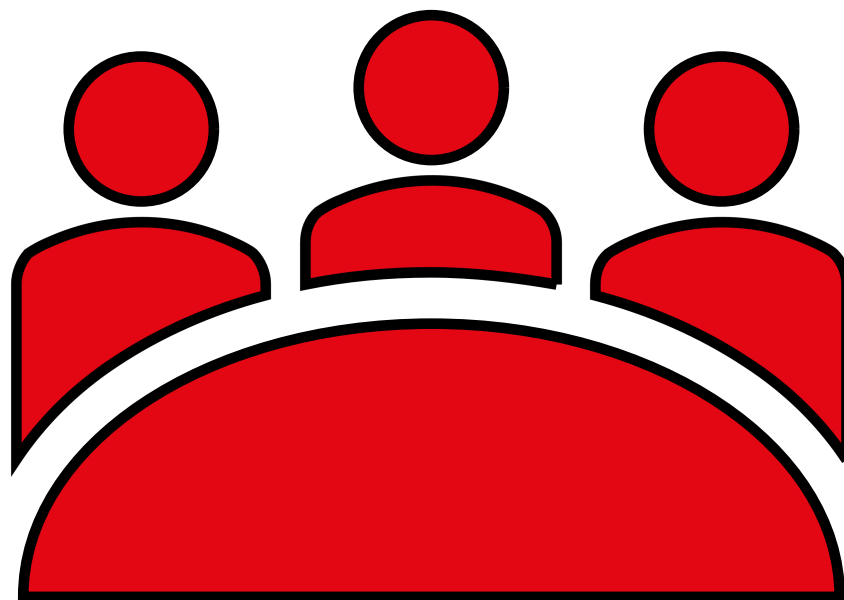
***Analysis  
tools***



***Summary***



# *Collab- oration*



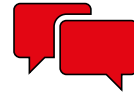
# ***Collaboration***



Simultaneous  
edits



Auto save



Comments &  
assign tasks



Show  
changes



Sheet view



***How is the speed?  
(Single select)***

Much too fast

A bit fast but OK

Perfect

A bit slow but OK

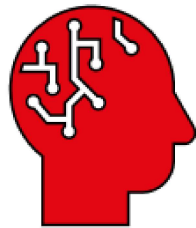
Much too slow



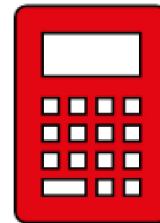
Demo

# ***New features in Excel***

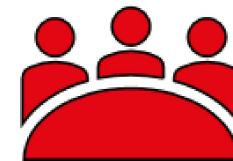
***AI tools***



***Rebuilt  
formula  
engine***



***Collab-  
oration***



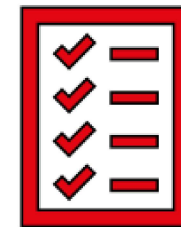
***Quick  
wins***



***Analysis  
tools***



***Summary***



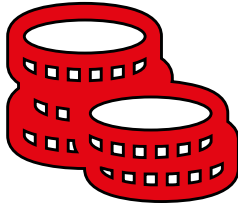
# *Analysis tools*



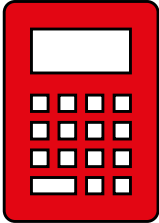
# *Analysis*



Pivot defaults



Geography, currencies  
and stock



STOCKHISTORY

**Which version of Excel do you have? Click File > Account to check (Single select)**

Microsoft 365  
current channel

Microsoft 365  
monthly  
enterprise  
channel

Microsoft 365  
semi annual  
channel

Microsoft 365  
Beta channel

Excel 2021

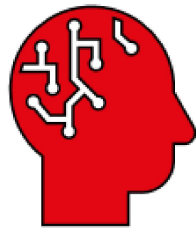
Excel 2019 or  
older



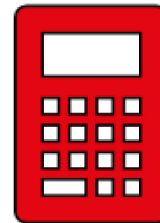
Demo

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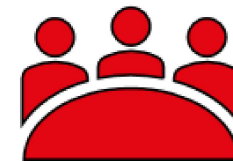
***AI tools***



***Rebuilt  
formula  
engine***



***Collab-  
oration***



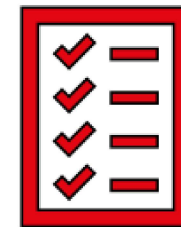
***Quick  
wins***



***Analysis  
tools***

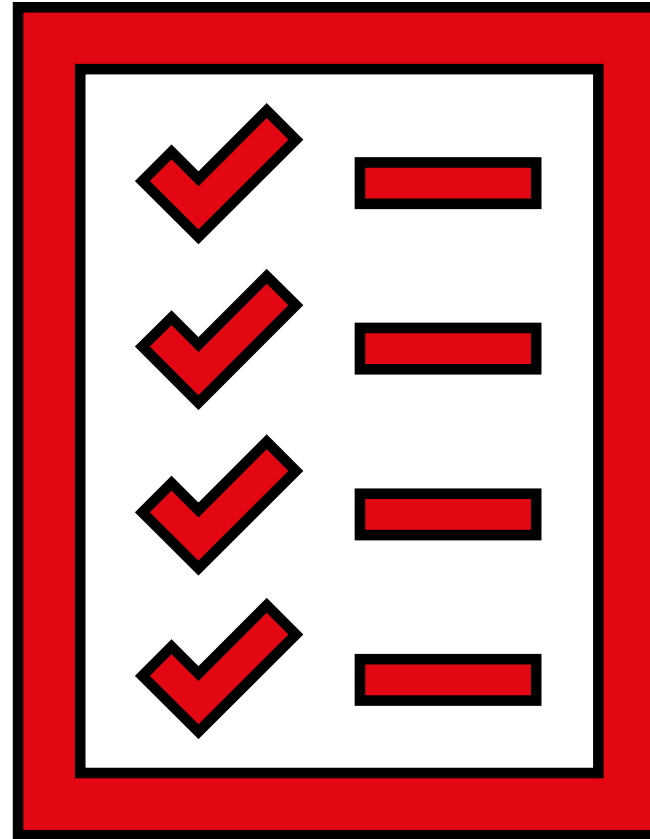


***Summary***



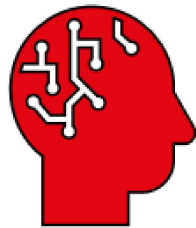


# *Summary*

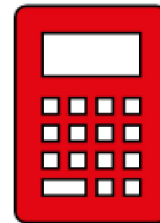


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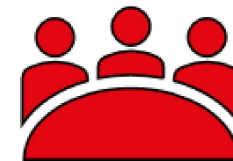
***AI tools***



***Rebuilt  
formula  
engine***



***Collab-  
oration***



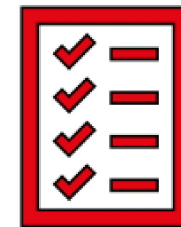
***Quick  
wins***



***Analysis  
tools***



***Summary***



**Rank these  
in terms of  
your  
favourites  
(Ranking)**

Avoid  
GETPIVOTDATA

=XLOOKUP

=UNIQUE

=TEXTSPLIT

Exchange rates

Collaboration  
improvements

Images in cells

Data clean up

Check  
performance

***Over 14,000 subscribers***



David Benaim



# ***Closing announcements***



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- 150 years of history

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***Next in the series.....***

***25 July 2024 - The accountant's toolkit  
in Excel***

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