Info can be found in excel “insert function”

\*\*Excel Functions:\*\*

1. \*\*EQUIV\_X (VBA)\*\* - Searches for a value in a range of cells and returns its position.

2. \*\*RECHERCHE\_X (VBA)\*\* - Searches for a value in a range of cells and returns a value at the same position in another range of cells.

3. \*\*MAX\_IF\_COLOR (VBA)\*\* - Returns the MAX value of cells with a specified background color (works with cells colored using MFC).

4. \*\*MIN\_IF\_COLOR (VBA)\*\* - Returns the MIN value of cells with a specified background color (works with cells colored using MFC).

5. \*\*AVERAGE\_IF\_COLOR (VBA)\*\* - Calculates the average of cells with a specified background color (ignores non-numeric values, works with cells colored using MFC).

6. \*\*COUNT\_COLORED (VBA)\*\* - Counts the number of cells with a colored background (cells with white background or no background are not counted, works with cells colored using MFC).

7. \*\*COUNT\_IF\_COLOR (VBA)\*\* - Counts the number of cells with a specified background color (works with cells colored using MFC).

8. \*\*COLOR\_NO (VBA)\*\* - Returns the color number of a cell (works with cells colored using MFC).

9. \*\*COLOR\_NO\_HEX (VBA)\*\* - Returns the color number from a hexadecimal color value (e.g., #00ff00), returns -1 if there's an error.

10. \*\*COLOR\_NO\_HEX\_CELL (VBA)\*\* - Returns the hexadecimal color value from the background color of a cell.

11. \*\*COLOR\_NO\_RGB\_CELL (VBA)\*\* - Returns the RGB values from the background color of a cell and allows setting a separator (optional).

12. \*\*SUM\_IF\_COLORED (VBA)\*\* - Calculates the sum of cells with a colored background, ignoring non-numeric values (cells with white background or no background are not included, works with cells colored using MFC).

13. \*\*SUM\_IF\_COLOR (VBA)\*\* - Calculates the sum of cells with a specified background color, ignoring non-numeric values (works with cells colored using MFC).

14. \*\*COUNT\_IF\_REGEX (VBA)\*\* - Counts the number of cells that match a regular expression.

15. \*\*REGEX\_EXTRACT (VBA)\*\* - Extracts one or more parts of a string using regular expressions and allows setting a separator (optional).

16. \*\*REGEX\_MATCH (VBA)\*\* - Checks if a string matches a regular expression.

17. \*\*REGEX\_REPLACE (VBA)\*\* - Replaces one or more parts of a string using regular expressions.

18. \*\*SUM\_IF\_REGEX (VBA)\*\* - Calculates the sum of cells that match a regular expression.

19. \*\*DUPLICATES (VBA)\*\* - Returns TRUE if the cell range contains duplicates (ignoring empty cells) or FALSE if it doesn't have any duplicates.

20. \*\*DUPLICATE\_ADDRESSES (VBA)\*\* - Returns the addresses of duplicates in a cell range (ignoring empty cells) and allows setting the address separator (optional) and the value to return if there are no duplicates (optional).

21. \*\*DUPLICATE\_LIST (VBA)\*\* - Returns the list of duplicates in a cell range (ignoring empty cells) and allows setting the list separator (optional) and the value to return if there are no duplicates (optional).

22. \*\*UNIQUE\_LIST (VBA)\*\* - Returns the list of values in a cell range, excluding duplicates (ignoring empty cells), and allows setting the list separator (optional) and sorting order (optional).

23. \*\*JOIN (VBA)\*\* - Joins the values in a cell range and allows setting the separator (optional).

24. \*\*JOIN\_SORTED (VBA)\*\* - Joins the values in a cell range, separated by a separator (optional), and sorts them in ascending (default) or descending order.

25. \*\*JOIN\_NON\_EMPTY (VBA)\*\* - Joins the values in a cell range (ignoring empty cells) and allows setting the separator (optional).

26. \*\*JOIN\_NON\_EMPTY\_SORTED (VBA)\*\* - Joins the non-empty values in a cell range, separated by a separator (optional), and sorts them in ascending (default) or descending order.

27. \*\*JOIN\_UNIQUE (VBA)\*\* - Joins the unique values (without duplicates or empty cells) in a cell range and allows setting the separator (optional).

28. \*\*JOIN\_UNIQUE\_SORTED (VBA)\*\* - Joins the unique values (without duplicates or empty cells) in a cell range, separated by a separator (optional), and sorts them in ascending (default) or descending order.

29. \*\*EXTRACT\_WORD (VBA)\*\* - Returns the nth word from a string (allows defining up to 3 separators).

30. \*\*TEXT\_COUNT (VBA)\*\* - Counts the number of times a value appears in a text.

31. \*\*CONVERT\_TO\_HOURS (VBA)\*\* - Converts time values to the number of hours (e.g., "03:45:00" and "3h45" will be converted to 3.75).

32. \*\*DATE\_DIFF (VBA)\*\* - Returns the difference in days between two dates.

33. \*\*DATE\_EU (VBA)\*\* - Returns TRUE if Excel uses the EU date format (dd/mm) or FALSE if it uses the US date format (mm/dd).

34. \*\*DATE\_REVERSE\_MD (VBA)\*\* - Returns a date by reversing the day and month of a date (returns the same date if it's not possible).

35. \*\*DAYS\_IN\_MONTH (VBA)\*\* - Returns the number of days in a month based on a date.

36. \*\*ISO\_WEEK\_NUMBER (VBA)\*\* - Returns the ISO week number based

on a date (from 1900 to 2200).

37. \*\*ASCENSION\_DATE (VBA)\*\* - Returns the date of Ascension based on a year (or the year of a date) from 1900 to 2200.

38. \*\*PENTECOST\_MONDAY\_DATE (VBA)\*\* - Returns the date of Pentecost Monday based on a year (or the year of a date) from 1900 to 2200.

39. \*\*EASTER\_DATE (VBA)\*\* - Returns the date of Easter based on a year (or the year of a date) from 1900 to 2200.

40. \*\*IS\_EASTER (VBA)\*\* - Returns TRUE if the date (from 1900 to 2200) corresponds to Easter or FALSE if it doesn't.

41. \*\*IS\_EMAIL (VBA)\*\* - Returns TRUE if the string is a valid email address or FALSE if it's not.

42. \*\*IS\_URL (VBA)\*\* - Returns TRUE if the string is a valid URL or FALSE if it's not.

43. \*\*HTML\_TABLE (VBA)\*\* - Joins the values in a cell range as a simple HTML table.

44. \*\*ADVANCED\_HTML\_TABLE (VBA)\*\* - Joins a cell range as an HTML table, preserving major formatting.

\*\*VBA Functions (Without UserForm):\*\*

1. \*\*arrayAdd\*\* - Increases the size of an array by 1 and adds a value to the last position.

2. \*\*arrayCount\*\* - Returns the number of times the searched value is present in the array.

3. \*\*arrayDebug\*\* - Displays the content (or part of the content) of an array in a MsgBox.

4. \*\*arrayDuplicates\*\* - Returns True if the array contains duplicates or False if it doesn't.

5. \*\*arrayDuplicatesDelete\*\* - Deletes all duplicates from an array.

6. \*\*arrayDuplicatesList\*\* - Counts the number of times each value is present in the array and adds a 2nd dimension to the array to save these values (1 = unique, 2 = double value, etc).

7. \*\*arrayEmpty\*\* - Returns True if the array is empty or False if it's not.

8. \*\*arrayPos\*\* - Returns the (first) position of the searched value in the array or returns -1 if the value is not found.

9. \*\*arrayRandomize\*\* - Randomly shuffles the values of an array.

10. \*\*arraySortAsc\*\* - Sorts the values of an array in ascending order.

11. \*\*arraySortDesc\*\* - Sorts the values of an array in descending order.

12. \*\*arrayMax\*\* - Returns the largest numeric value present in the array.

13. \*\*arrayMin\*\* - Returns the smallest numeric value present in the array.

14. \*\*arrayNumDelete\*\* - Deletes a value from an array (based on its position in the array).

15. \*\*arrayValuesDelete\*\* - Deletes all values in an array matching the searched value.

16. \*\*inArray\*\* - Returns True if the value is found in the array or False if it's not.

17. \*\*array2dDebug\*\* - Displays the content (or part of the content) of a 2-dimensional array in a MsgBox.

18. \*\*regexExtract\*\* - Extracts one or more parts of a string using regular expressions.

19. \*\*regexMatch\*\* - Tests if a string matches a regular expression.

20. \*\*regexReplace\*\* - Replaces one or more parts of a string using regular expressions.

21. \*\*colLetter\*\* - Returns a column number as letter(s) from a column number as digit(s).

22. \*\*colNum\*\* - Returns a column number as digit(s) from a column number as letter(s).

23. \*\*lastCol\*\* - Returns the column number of the last value in a row, with the option to specify the sheet (optional).

24. \*\*lastRow\*\* - Returns the row number of the last value in a column (in numeric or letter format), with the option to specify the sheet (optional).

25. \*\*lastUsedCol\*\* - Returns the number of the last used column in the sheet.

26. \*\*lastUsedRow\*\* - Returns the number of the last used row in the sheet.

27. \*\*isInt\*\* - Returns True if the value is an integer number or False if it's not.

28. \*\*intRand\*\* - Returns a random integer between two values.

29. \*\*cellsSearch\*\* - Searches for a value in a cell range and returns the list of addresses of all cells containing the searched value (as an array).

30. \*\*isoWeekNum\*\* - Returns the ISO week number based on a date (from 1900 to 2200).

31. \*\*nbDaysMonth\*\* - Returns the number of days in a month based on a date.

32. \*\*euDate\*\* - Returns True if Excel uses the EU date format (dd/mm) or False if it uses the US date format (mm/dd).

33. \*\*easterDate\*\* - Returns the date of Easter based on a year (or the year of a date) from 1900 to 2200.

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. \*\*isEmail\*\* - Returns True if the string is a valid email address or False if it's not.

35. \*\*isUrl\*\* - Returns True if the string is a valid URL or False if it's not.

36. \*\*mail\*\* - Sends an email (without using Outlook) through an email solution compatible with all email addresses.

37. \*\*htmlCodePage\*\* - Retrieves the HTML code of a web page, returns -1 in case of an error.

38. \*\*internet\*\* - Returns True if connected to the internet or False if not connected (or blocked by security software).

39. \*\*linkOpen\*\* - Opens a web page link and returns True (returns False if the link can't be opened).

40. \*\*colorToHexa\*\* - Returns the hexadecimal color value from a Color value.

41. \*\*hexaToColor\*\* - Returns the Color value of a hexadecimal color (e.g., #00ff00), returns -1 in case of an error.

\*\*VBA Functions (With UserForm):\*\*

1. \*\*colorBox\*\* - Opens a dialog box allowing the user to choose a color from a palette of 160 colors.

2. \*\*datePicker\*\* - Opens a dialog box in the form of a calendar allowing the user to choose a date (from 1900 to 2100).