

# Excel Formulas Cheat Sheet

SUM(range) - Adds all numbers in a range of cells.

AVERAGE(range) - Returns the average of the numbers.

IF(logical\_test, value\_if\_true, value\_if\_false) - Returns one value if the condition is TRUE, another if FALSE.

VLOOKUP(lookup\_value, table\_array, col\_index, [range\_lookup]) - Looks for a value in the first column and returns a value in the same row.

XLOOKUP(lookup\_value, lookup\_array, return\_array, [if\_not\_found]) - Improved version of VLOOKUP and HLOOKUP.

INDEX(array, row\_num, [column\_num]) - Returns the value of a cell in a table based on the row and column number.

MATCH(lookup\_value, lookup\_array, [match\_type]) - Returns the position of a value in a list.

COUNTIF(range, criteria) - Counts the number of cells that meet a criterion.

SUMIF(range, criteria, [sum\_range]) - Adds the cells that meet a criterion.

IFERROR(value, value\_if\_error) - Returns value if no error, else returns alternative result.