Extract Formulas
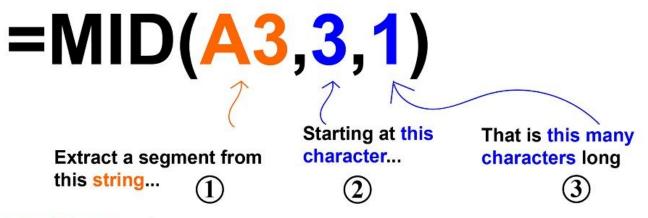
=SPLIT(lower(A3),"qwertyuiopasdfghjklzxcvbnm`-=[]\;',./!@#$%^&*()")

Split the lower case
version of this value
①

By these characters...
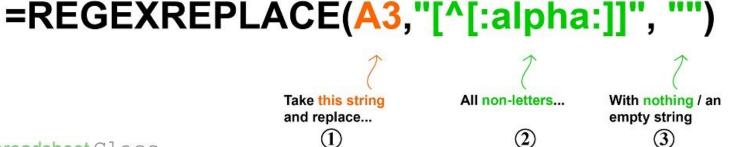②

=MID(A3,3,1)

Extract a segment from
this string...
①

Starting at this
character...
②

That is this many
characters long
③

=MID(A3,11,LEN(A3))

Extract a segment from this string... ①

Starting at this character... ②

That is the length of the remaining characters ③

Spreadsheet Class

=VALUE(REGEXREPLACE(A3,"[^[:digit:]]", ""))

(Convert output string to number)

Take this string and replace... ①

All non-numbers... ②

With nothing / an empty string ③

Spreadsheet Class

=REGEXREPLACE(A3,"[^[:alpha:]]", "")

Take this string and replace... ①

All non-letters... ②

With nothing / an empty string ③

Spreadsheet Class

Spreadsheet Class

=REGEXREPLACE(A3,"[[:punct:]]", "")

Take **this string**
and replace...
①

All **punctuation**...
②

With **nothing** / an
empty string
③

=REGEXEXTRACT(A3,"([[:print:]]+)Suffix")

Take **this string**
and extract...
①

Characters and spaces
that appear before.....
②

This suffix
③

=LEFT(A3, SEARCH("Suffix",A3)-1)

To extract from the left side
of **this string**
③

Find the position
of **this suffix**...
②

In **this string**, and use this as
the number of characters...
①

=REGEXEXTRACT(A3,"[^[:space:]]+")

↑① ↑②

Take this string and extract...
①

The 1st string of non-spaces/characters (i.e. First Name)
②

Spreadsheet Class

=LEFT(A3,FIND(" ",A3)-1)

↑① ↑②

Extract a string characters from this string that are to the left of...
①

The position where a space is found (i.e.Extract first name)
②

Spreadsheet Class

=REGEXEXTRACT(A3,"[^[:space:]]")

↑① ↑②

Take this string and extract...
①

Non-spaces/Characters (Returns only 1 character since there is no plus sign)
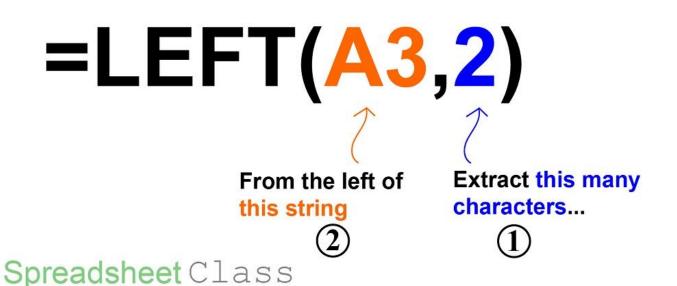②

Spreadsheet Class

Spreadsheet Class

=INDEX(SPLIT(A3, " "),1)

Split this string by spaces, and extract...
①

The first cell/string that was found within the SPLIT output
②

Spreadsheet Class

=LEFT(A3,2)

From the left of this string
②

Extract this many characters...
①

Spreadsheet Class

Spreadsheet Class

Extraction Formulas

Main Formulas: (See Below for all extra formulas found in the article)

Extract numbers into separate columns

- =SPLIT(lower(A3),"qwertyuiopasdfghjklzxcvbnm`-=[]\;',./!@#$%^&*()")
- =SPLIT(A3,"qwertyuiopasdfghjklzxcvbnmQWERTYUIOPASDFGHJKLZXCVBNM`-=[]\;',./!@#$%^&*()")

Extract text into separate columns

- =SPLIT(A3,"1234567890`-=[]\;',./!@#$%^&*()")

Extract N characters starting at the Nth Character

- =MID(A3,3,1)

Extract remaining characters starting at Nth character

- =MID(A3,11,LEN(A3))

Extract numbers from a string

- =VALUE(REGEXREPLACE(A3,"[^[:digit:]]", ""))
- =VALUE(REGEXREPLACE(A3,"[^0-9]", ""))
- =VALUE(REGEXREPLACE(A3,"\D", ""))

Extract text from a string

- =REGEXREPLACE(A3,"[^[:alpha:]]", "")
- =REGEXREPLACE(A3,"[^a-zA-Z]", "")

Remove punctuation

- =REGEXREPLACE(A3,"[[:punct:]]", "")

Extract characters before a suffix

- =REGEXEXTRACT(A3,"([[:print:]]+)Code")
- =LEFT(A3, SEARCH("Code",A3)-1)

Extract first word / name

- =REGEXEXTRACT(A3,"[^[:space:]]+")
- =REGEXEXTRACT(A3,"\S+")
- =REGEXEXTRACT(A3,"[[:graph:]]+")
-
- =LEFT(A3,FIND(" ",A3)-1)

Extract first character

- =REGEXEXTRACT(A3,"[^[:space:]]")
- =REGEXEXTRACT(A3,"[[:graph:]]")
- =REGEXEXTRACT(A3,"\S")

Extract last name

- =RIGHT(A3,LEN(A3)-FIND("*",SUBSTITUTE(A3," ","*",LEN(A3)-LEN(SUBSTITUTE(A3," ","")))))

Extract Nth word

- =INDEX(SPLIT(A3, " "),1)

Extract N Characters from the left / right

- =LEFT(A3,2)

Extra Formulas:

Extract numbers into separate columns

=SPLIT(A3,"qwertyuiopasdfghjklzxcvbnmQWERTYUIOPASDFGHJKLZXCVBNM`-=[]\;',./!@#$%^&*()")

Extract N characters starting at the Nth Character

=MID((REGEXREPLACE(A3,"[^[:digit:]]", "")),3,1) - Extracts N numbers starting at the Nth number

=MID((REGEXREPLACE(A3,"[^0-9]", "")),3,1) - Extracts N numbers starting at the Nth number

=MID((REGEXREPLACE(A3,"\D", "")),3,1) - Extracts N numbers starting at the Nth number

=MID((REGEXREPLACE(A3,"[[:digit:]]", "")),3,1) - Extracts N non-numbers starting at the Nth non-number

=MID((REGEXREPLACE(A3,"[0-9]", "")),3,1) - Extracts N non-numbers starting at the Nth non-number

=MID((REGEXREPLACE(A3,"\d", "")),3,1) - Extracts N non-numbers starting at the Nth non-number

=MID((REGEXREPLACE(A3,"[^[:alpha:]]", "")),3,1) - Extracts N letters starting at the Nth letter

=MID((REGEXREPLACE(A3,"[^a-zA-Z]", "")),3,1) - Extracts N letters starting at the Nth letter

=MID((REGEXREPLACE(A3,"[[:alpha:]]", "")),3,1) - Extracts N non-letters starting at the Nth non-letter

=MID((REGEXREPLACE(A3,"[a-zA-Z]", "")),3,1) - Extracts N non-letters starting at the Nth non-letter

=MID((REGEXREPLACE(A3,"[[:alnum:]]", "")),3,1) - Extracts N punctuation characters starting at the Nth punctuation character (includes spaces)

=MID((REGEXREPLACE(A3,"[a-zA-Z0-9]", "")),3,1) - Extracts N punctuation characters starting at the Nth punctuation character (includes spaces)

=MID((REGEXREPLACE(A3,"[^[:punct:]]", "")),3,1) - Extracts N punctuation characters starting at the Nth punctuation character (spaces not included)

=MID((REGEXREPLACE(A3,"[[:word:]]", "")),3,1) - Extracts N punctuation characters starting at the Nth punctuation character (spaces included but not underscores)

=MID((REGEXREPLACE(A3,"\w", "")),3,1) - Extracts N punctuation characters starting at the Nth punctuation character (spaces included but not underscores)

=MID((REGEXREPLACE(A3,"[[:punct:]]", "")),3,1) - Extracts N non-punctuation characters starting at the Nth non-punctuation character (includes spaces)

=MID((REGEXREPLACE(A3,"[^[:alnum:]]", "")),3,1) - Extracts N non-punctuation characters starting at the Nth non-punctuation character (spaces not included)

=MID((REGEXREPLACE(A3,"[^a-zA-Z0-9]", "")),3,1) - Extracts N non-punctuation characters starting at the Nth non-punctuation character (spaces not included)

=MID((REGEXREPLACE(A3,"[^[:word:]]", "")),3,1) - Extracts N non-punctuation characters starting at the Nth non-punctuation character (spaces/hyphens not included but underscores are)

=MID((REGEXREPLACE(A3,"\W", "")),3,1) (spaces/hyphens not included but underscores are)

=REGEXEXTRACT (A3, "(\d+\.?\d+)") - Extracts numbers with decimal
=REGEXREPLACE(A3,"[[:digit:]]", "") - Extracts non-numbers
=REGEXREPLACE(A3,"[0-9]", "") - Extracts non-numbers
=REGEXREPLACE(A3,"\d", "") - Extracts non-numbers

=REGEXREPLACE(A3,"[[:alpha:]]", "") - Extracts non-text characters
=REGEXREPLACE(A3,"[a-zA-Z]", "") - Extracts non-text characters

=REGEXREPLACE(A3,"[^[:alnum:]]", "") - Removes punctuation (and spaces)
=REGEXREPLACE(A3,"[^a-zA-Z0-9]", "") - Removes punctuation (and spaces)
=REGEXREPLACE(A3,"[^[:word:]]", "") - Removes punctuation (and spaces, but not underscores)
=REGEXREPLACE(A3,"\W", "") - Removes punctuation (and spaces, but not underscores)
=REGEXREPLACE(A3,"[[:alnum:]]", "") - Extracts punctuation (spaces included)
=REGEXREPLACE(A3,"[a-zA-Z0-9]", "") - Extracts punctuation (spaces included)
=REGEXREPLACE(A3,"[^[:punct:]]", "") - Extracts punctuation (spaces not included)
=REGEXREPLACE(A3,"[[:word:]]", "") - Extracts punctuation (spaces included but not underscores)
=REGEXREPLACE(A3,"\w", "") - Extracts punctuation (spaces included but not underscores)

=REGEXEXTRACT(A3,"([[:graph:]]+)Code") - Extracts characters before a suffix (spaces not included)

=REGEXEXTRACT(A3,"[[:digit:]]+") - Extracts first number string
=REGEXEXTRACT(A3,"[0-9]+") - Extracts first number string
=REGEXEXTRACT(A3,"\d+") - Extracts first number string
=REGEXEXTRACT(A3,"[^[:digit:]]+") - Extracts first non-number string
=REGEXEXTRACT(A3,"[^0-9]+") - Extracts first non-number string
=REGEXEXTRACT(A3,"\D+") - Extracts first non-number string
=REGEXEXTRACT(A3,"[[:alpha:]]+") - Extracts first text string
=REGEXEXTRACT(A3,"[a-zA-Z]+") - Extracts first text string
=REGEXEXTRACT(A3,"[^[:alpha:]]+") - Extracts first non-text string

=REGEXEXTRACT(A3,"[^a-zA-Z]+") - Extracts first non-text string
=REGEXEXTRACT(A3,"[[:alnum:]]+") - Extracts first non-punctuation string (spaces not included)
=REGEXEXTRACT(A3,"[a-zA-Z0-9]+") - Extracts first non-punctuation string (spaces not included)
=REGEXEXTRACT(A3,"[^[:punct:]]+") - Extracts first non-punctuation string (spaces included)
=REGEXEXTRACT(A3,"[[:word:]]+") - Extracts first non-punctuation string (spaces/hyphens not included but underscores are)
=REGEXEXTRACT(A3,"\w+") - Extracts first non-punctuation string (spaces/hyphens not included but underscores are)
=REGEXEXTRACT(A3,"[^[:alnum:]]+") - Extracts first punctuation string (spaces included)
=REGEXEXTRACT(A3,"[^a-zA-Z0-9]+") - Extracts first punctuation string (spaces included)
=REGEXEXTRACT(A3,"[[:punct:]]+")- Extracts first punctuation string (spaces not included)
=REGEXEXTRACT(A3,"[^[:word:]]")- Extracts first punctuation string (underscores not included)
=REGEXEXTRACT(A3,"\W+")- Extracts first punctuation string (underscores not included)

=REGEXEXTRACT(A3,"[[:print:]]") - Extracts fist character (spaces included)

=RIGHT(A3,2) - Extracts N characters to the right of a string
=LEFT(REGEXREPLACE(A3,"\D+", ""),2)) - Extracts N numbers to the left of a string
=RIGHT(REGEXREPLACE(A3,"\D+", ""),2)) - Extracts N numbers to the right of a string
=LEFT(REGEXREPLACE(A3,"\d+", ""),2)) - Extracts N letters to the left of a string
=RIGHT(REGEXREPLACE(A3,"\d+", ""),2)) - Extracts N letters to the right of a string