

Data Cleaning & Formatting

25 March 2024 13:34

Data Cleaning & Formatting

- Structured Data VS Unstructured Data

Structure Dataset
Messy Data.

Unorganized,
Data-Type

Empty Cell,
not well spaced
Formatted, Price Value,
it should \$, or any other
currency symbol.
Dates are not well formatted

Image	Video	File	URL
	URL		
	Video		

Remove Duplicates

The screenshot shows the Microsoft Excel ribbon with the 'Data' tab selected. Below the ribbon, the 'Data' menu is open, showing various options like 'Sort sheet', 'Create a filter', and 'Remove duplicates'. A blue circle highlights the 'Data clean-up' option under the 'Data' menu. A second blue circle highlights the 'Remove duplicates' option within the 'Data clean-up' submenu. To the right of the menu, there is a table with columns E and F labeled 'Purchase Address' and 'Date', containing a list of addresses from different cities.

- Unique Function: To remove duplicates

=UNIQUE(data!A1:F16542)

- Create a new sheet
- Write the function =UNIQUE()

: =UNIQUE(**(data!A1:F16542)**)

- Create a new sheet
- Write the function =UNIQUE()
- Select the range of the desired sheet.

- Filling up empty cell with Some Value

Find and replace

x

Find

Replace with

Search data!A1:F16542

Match case
 Match entire cell contents
 Search using regular expressions [Help](#)
 Also search within formulae
 Also search within links

Replaced 16,483 instances of `^\s*$` with "Unknown"

[Find](#)

[Replace](#)

[Replace all](#)

[Done](#)

=IF(**ISBLANK(F2)**, "**Unknown**", **F2**)

let me know the regex of empty cell in google sheets

All Videos Images Shopping News More Tools

About 1,15,000 results (0.37 seconds)

Your regex `^(s*)$` will find cells that contain white space, or that have at least at one point contained a text string but are now empty. 23 May 2023

Google Help <https://support.google.com/docs/thread/replacing-e...>

- Trim Whitespace

- Trim Whitespace

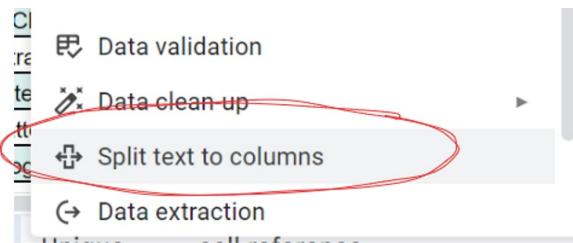
The screenshot shows the Google Sheets menu bar with 'Data' selected. A dropdown menu is open under 'Data' with several options: 'Sort sheet', 'Sort range', 'Create a filter', 'Filter views', 'Add a slicer', 'Protect sheets and ranges', 'Named ranges', 'Named functions' (marked with a 'New' badge), 'Randomise range', 'Column stats', 'Data validation', 'Data clean-up' (which is highlighted with a red oval), 'Split text to columns', and 'Data extraction'. To the right of the menu, a table titled 'Purchase Address' is displayed with a column of addresses. Below the menu, three sub-options are shown: 'Clean-up suggestions', 'Remove duplicates', and 'Trim whitespace' (which is also highlighted with a red oval).

E	Purchase Address
	123 Main St, Dallas, TX 75001
	456 Pine St, Seattle, WA 98101
	789 Oak St, Seattle, WA 98101
	567 Hill St, Atlanta, GA 30301
	321 1st St, San Francisco, CA 94101
	987 2nd St, New York City, NY 10001
	654 Lakeview St, Austin, TX 73301
	234 Church St, Seattle, WA 98101
	876 St, Los Angeles, CA 90001
	543 St, Los Angeles, CA 90001
	987 Wood St, Dallas, TX 75001
	654 West St, Austin, TX 73301
	321 St, Los Angeles, CA 90001

Split Text To Column

The screenshot shows the Google Sheets menu bar with 'Data' selected. A dropdown menu is open under 'Data' with the same options as the previous screenshot, including 'Data clean-up' (highlighted with a red oval). To the right of the menu, a table titled 'Purchase Address' is displayed with a column of addresses. A yellow arrow points from the word 'Delimeter' to the comma separator in the first address cell ('669 2nd St, New York City, NY 10001').

G	Purchase Address
	669 2nd St, New York City, NY 10001
	844 Walnut St, Dallas, TX 75001
	164 Madison St, New York City, NY 10001
	669 2nd St, New York City, NY 10001
	17 Church St, Seattle, WA 98101
	81 Jefferson St, San Francisco, CA 94016
	354 Meadow St, Boston, MA 02215
	166 4th St, Dallas, TX 75001
	759 Pine St, Seattle, WA 98101
	330 1st St, Seattle, WA 98101
	928 Hill St, Atlanta, GA 30301
	261 Jackson St, San Francisco, CA 94016
	451 Walnut St, New York City, NY 10001
	832 Lakeview St, Austin, TX 73301
	17 Church St, Seattle, WA 98101



Delimiter - ","

Absolute VS Mixed

