Crash Course in Google Sheets & NGP

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Concatenate Function

Use: Append two strings to each other. Most often used when creating a mail name column when given a first and last name colum.

Step by Step:

Step 1: Identify the two columns to be added together

First	Ŧ	Ŧ	
ERNEST		ADAMS	
ISABEL		BACON	
JUDITH		BARNETT	
JEREMY		BASH	
RUTH		BELL	
ANTONY		BLINKEN	
LAWRENCE		BUC	

Example:

Step 2: Merging these cells to create a mail name: A) Create a new column B) In the first row of the new Column use the Concatenate Function

Step 3: Exact Syntax and results - Note: the Syntax must be exactly as shown (including desired quotes) **Syntax** = Concatenate(String 1, String 2): In the example below B2 is String 1; and C2 is String 2 while the area in quotes is what creates the spacing and the prefix.

Step 4: Results — Wr. ERNEST ADAMS — Verify that the Mr/Ms. Is the appropriate prefix then drag the bottom right corner of the cell down the column to apply the formula to each row

Final Product:

		· · · · · · · · · · · · · · · · · · ·	_
Mr. ERNEST ADAMS	ERNEST	ADAMS	
Ms. ISABEL BACON	ISABEL	BACON	
Ms. JUDITH BARNETT	JUDITH	BARNETT	
Mr. JEREMY BASH	JEREMY	BASH	
Ms. RUTH BELL	RUTH	BELL	
Mr. ANTONY BLINKEN	ANTONY	BLINKEN	
Mr. LAWRENCE BUC	LAWRENCE	BUC	

SumIf Function

Use: The SumIf function is useful when calculating the total dollar amount of donations giving a certain criteria (like political party). The function identifies if the values are equal to a certain criteria, then takes the sum of those values.

Step By Step:

Step 1: Identify the range & criteria where you want to find the sum of a given column: Example, let's say there is a list of democratic and republican donations and we want to find the sum of the democratic donations.

Name	Party	Amount	
Maddie	Dem	\$1,000	
Tina	Dem	\$250	
Karen	Dem	\$1,700	
Lucas	Rep	\$2,000	
David	Dem	\$42	
Nolan	Rep	\$7,000	

Step 2: In the next row of the "Amount" column, use the SumIf Function to find the total amount of donations to Democrats. The functions takes a given range, in this case "Party", and takes the sum **ONLY IF** the value in the "Party" column is equal to "Dem". The second range is the values that will be summed.

Step 3: Verify the result for a small set of data to ensure that the formula is working properly the final answer will look as follows- The sum of all the donations to Democrats is \$2,992

Final Product

Name	Party	Amount
Maddie	Dem	\$1,000
Tina	Dem	\$250
Karen	Dem	\$1,700
Lucas	Rep	\$2,000
David	Dem	\$42
Nolan	Rep	\$7,000
	Total Dem	\$2,992

If(CountIf()) Function:

Use: The If CountIf function is used to determine if there are duplicate values between two columns and is often used when determining which donors have already been called.

Step 1: Set up the columns so the name format is the same: Meaning, if there is a first name

and last name column make them all one column to prevent possible errors. In this list we want to find which prospects have been called, and which have not been called.

А	В	С
Prospects	Already Called	Called or Not Called
Maddie Cahill	John Darman	
Tina Stoll	Annie Lowrey	
Karen Darkes	Abe Lincoln	
Lucas Lytel	George Washing	ton
David Rubenstein	Tina Stoll	
Nolan Bush	David Rubenstei	n
Jake Rubenstein	Mac Miller	
Amanda Marks	LeBron James	
Andrew Cyphers	Lucas Lytel	
Ashley Martins	Donald Trump	
Michael Dwyer	Teddy Marks	
Teddy Marks	Mike Sellers	
Alexander Bac	James Smith	1
Joe Biden	Jamie Houton	
Barack Obama	Bob Brown	
	Mary Small	
	Patrick Dead	
	Alexander Bac	

Step 2: In column C use the "If(CountIF())" function as

follows where the first range is the names that have already been called and the second is the name to be checked against. The "Called" is when the function returns "true" and the "Not Called" is when the function returns "false"

Step 3: The "Command F" feature can be used to verify the results of the function

Final Product: This function successfully shows that Teddy Marks, Alexander Bac, Tina Stoll, David Rubenstein, and Lucas Lytel are names that have all been previously called and can be deleted.

Α	В	С	
Prospects	Already Called	Called or Not Called	
Maddie Cahill	John Darman	Not Called	
Tina Stoll	Annie Lowrey	Called	
Karen Darkes	Abe Lincoln	Not Called	
Lucas Lytel	George Washing	Called	
David Rubenstein	Tina Stoll	Called	
Nolan Bush	David Rubenstein	Not Called	
Jake Rubenstein	Mac Miller	Not Called	
Amanda Marks	LeBron James	Not Called	
Andrew Cyphers	Lucas Lytel	Not Called	
Ashley Martins	Donald Trump	Not Called	
Michael Dwyer	Teddy Marks	Not Called	
Teddy Marks	Mike Sellers	Called	
Alexander Bac	James Smith	Called	
Joe Biden	Jamie Houton	Not Called	
Barack Obama	Bob Brown	Not Called	
	Mary Small	Not Called	
	Patrick Dead	Not Called	
	Alexander Bac	Not Called	

Split Function

Use: The Split function is used to split a column into two or more unique columns given a criteria

Step 1: Identify what column needs to be split. Often it will be a column of last, first names taken from Political Money Line

Step 2: Use the Split function to split the last, first column into a first and a last column like so with the A2:A16 being the range of data and the ",_" being the criteria to split around

Notes: The criteria for the split is ",_" there is a space after the "," to prevent a space at the start of each last name

А	В	С
Last, First	First	Last
Cahill, Maddie		
Stoll, Tina		
Darkes, Karen		
Lytel, Lucas		
Rubenstein, Dav	rid	
Bush, Nolan		
Rubenstein, Jako	е	
Marks, Amanda		
Cyphers, Andrev	v	
Martins, Ashley		
Dwyer, Michael		
Marks, Teddy		
Bac, Alexander		
Biden, Joe		
Obama, Barack		

Final Product

Α	В	С
Last, First	First	Last
Cahill, Maddie	Cahill	Maddie
Stoll, Tina	Stoll	Tina
Darkes, Karen	Darkes	Karen
ytel, Lucas	Lytel	Lucas
Rubenstein, Dav	Rubenstein	David
Bush, Nolan	Bush	Nolan
Rubenstein, Jake	Rubenstein	Jake
Marks, Amanda	Marks	Amanda
yphers, Andrew	Cyphers	Andrew
Martins, Ashley	Martins	Ashley
Owyer, Michael	Dwyer	Michael
Marks, Teddy	Marks	Teddy
Bac, Alexander	Bac	Alexander
Riden Joe	Biden	.loe

Alternative for splitting - Most of the time, a faster way to split up data like this is to use the build in split text to columns function located under the data tab

Step 1: Identify the range of data needed to be split up

Α	В	С
_ast, First	First	Last
Cahill, Maddie		
Stoll, Tina		
Darkes, Karen		
ytel, Lucas		
Rubenstein, Dav	vid .	
Bush, <mark>N</mark> olan		
Rubenstein, Jak	e	
Marks, Amanda		
Cyphers, Andrew	v	
Martins, Ashley		
Dwyer, Michael		
Marks, Teddy		
Bac, Alexander		
Biden, Joe		
Obama, Barack		

Step 2: Select the range of data to be split up. Then, follow the menu to the Split text to columns

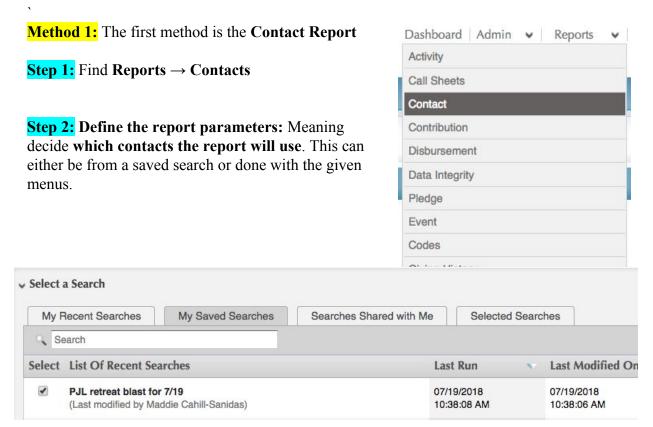
Data Tools Add-ons Help All change Sort sheet by column A, $A \rightarrow Z$ Sort sheet by column A, $Z \rightarrow A$ Sort range by column A, $A \rightarrow Z$ Sort range by column A, $Z \rightarrow A$ Sort range... T Create a filter Filter views... Data validation... Pivot table... Randomize range Named ranges... Protected sheets and ranges... Split text to columns... Group column Option+Shift+→ Ungroup column Option+Shift+←

Final Product: Note: this way to split data will delete the original column of data which results in...

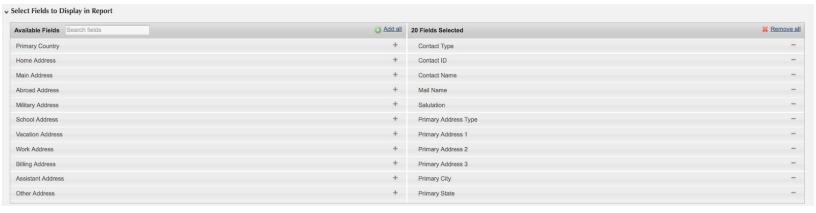
Α	В		
Last	First		
Cahill	Maddie		
Stoll	Tina		
Darkes	Karen		
Lytel	Lucas		
Rubenstein	David		
Bush	Nolan		
Rubenstein	Jake		
Marks	Amanda		
Cyphers	Andrew		
Martins	Ashley		
Dwyer	Michael		
Marks	Teddy		
Bac	Alexander		
Biden	Joe		
Obama	Barack		

How to download contacts in NGP as an .xls or .xlsx file

Use: There are two methods for downloading contacts from NGP in an .xls or .csv format. This is useful when transferring contacts between NGP's. Either method works.



Step 3: After selecting the group for the report: **Select the fields to display or remove:** These are the fields that will eventually be included in the .xls or .csv download.



Step 4: Click **Export & Download** and the data located in the **Notifications Tab** in the bottom left



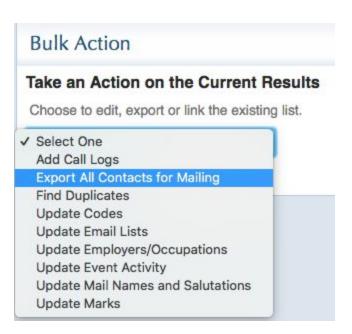


Method 2: Export Contacts for Mailing -

This is another method to export contacts as an .xls or .csv sheet

Step 1: Search for the contacts that will be exported

Step 2: Under the heading Take Bulk
Action click Export Contacts for Mailing:
DO NOT CHANGE THE household
results or additional follow-up for mailing
actions



Step 3: Select which **additional information to include** in export: These are drop down menus where selections about data can be made: Click **Run Export**

Addresses: Select options Phone numbers: Select options Email addresses: Select options

Step 4: Download the export from the notifications bar

How to do a Merge with Excel and NGP

Use: Taking a large excel spreadsheet and upload it to the voter profile software NGP

Step 1: Download & Clean Up the chosen excel sheet in order to match the types on NGP: Notice how the names of the **First Row** are exactly the same names of the fields in NGP

A	В	С	D	E	F	G
Mail Name ▼	First =	Last ▼	Employer	Occupation	City ▼	State
Mr. Teal Baker	Teal	Baker	Invariant Llc	Chief Operating Officer	Washington	DC
Ms. Kim Bayliss	Kim	Bayliss	Dutko Grayling Consultant	Consultant	Washington	DC
Mr. David Block	David	Block	Self-employed	Child Psychiatrist	Washington	DC
Mr. Nicholas Boyle	Nicholas	Boyle	Williams And Connolly Llp	Attorney	Washington	DC
Mr. Michael Collins	Michael	Collins	Mehlman Castagnetti Rosen Thomas	Lobbyist	Washington	DC
Mr. John Devaney	John	Devaney	Perkins Coie	Attorney	Washington	DC
Mr. Otho Eskin	Otho	Eskin	N/a Retired	N/A	Washington	DC
Ms. Olivia Golden	Olivia	Golden	Clasp	Executive Director	Washington	DC
Mr. Jeffrey Hayes	Jeffrey	Hayes	Self-employed	Consultant	Washington	DC
Mr. Harold Ickes	Harold	Ickes	Ickes & Enright Group	Partner	Washington	DC
Mr. Eugene Ludwig	Eugene	Ludwig	Promontory Financial Group Llc	Managing Partner	Washington	DC
Mr. Joseph Onek	Joseph	Onek	Raben Group Principal	Principal	Washington	DC
Mr. Arnold Polinger	Arnold	Polinger	Pollinger Shannon & Luchs Real Estate	Owner	Washington	DC
Mr. Steven Ross	Steven	Ross	Akin, Gump, Strauss, Hauer & Feld, Llp	Partner	Washington	DC
Ms. Isabel Sawhill	Isabel	Sawhill	Brookings Inst	Economist	Washington	DC
Ms. Patricia Stonesifer	Patricia	Stonesifer	Marthas Table	CEO	Washington	DC
Mr. Henry Terhune	Henry	Terhune	Akin Gump	Attorney	Washington	DC
Ms. Natalie Wexler	Natalie	Wexler	Self-employed	Writer	Washington	DC
Mr. Frank White	Frank	White	DuSable Capital	Management	Washington	DC

Note: Donor histories and bios can be added in a **Notes & Bio's** columns

Step 2: In NGP under the Contacts \rightarrow Import Contacts tab;

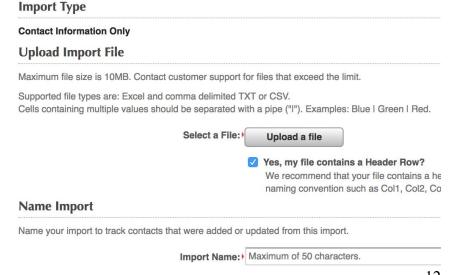
Contacts	Fundraising	Engagement	Events
Add Contacts	Search Contacts	Manage C	ontacts
Create a Contact	View All Contacts	Merge Dupli	cate Contacts
Create With Quick Entry	Create Search	Import Conta	acts
	Quick Find	Contact Rep	orts
	View Marked Conta	cts	
	Manage Searches		

Step 2: After clicking on Import Contacts this is the screen that comes up

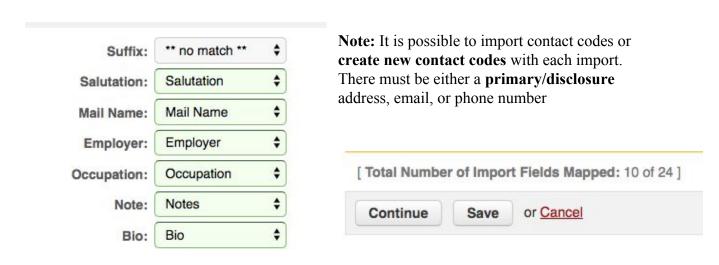
Dashboard History Start An Import Job **Select Import Type** Your import file can only include one type of contact at a time. Please select the type below. Individuals **Organizations Saved Mapping or Template** When using a saved mapping or template, the uploaded file must contain all the same columns. What Does Your File Include? Importing transactions requires a two-step process: the first maps contact info and the second maps transactions. **Contact Information Only Contacts with Contributions Contacts with Giving History** Continue

Note: It is also possible to import contacts with prior giving histories if they are included columns. By Default: Don't change anything

Step 3: Upload & Name: Step 1: Upload File and Name Import



Step 4: Map the fields to the desired NGP fields: **Mapped fields appear Green** - Once mapped **press continue:** It is also possible to save mapping to eliminate the need to change the spreadsheet header.



Step 5: Run a Pre-import check: There is a field with four main options:

- 1) Update duplicate records with priority for data already existing in NGP
- 2) Update duplicate records with priority given to data in the .xls
- 3) Do not import duplicate records
- 4) Create new records regardless of duplicates **ALMOST NEVER PICK THIS OPTION** as it results in tons of duplicates being created

Step 3: Duplicate Merge Option

-	our file contains a contact ID or external ID then we will always use it to find exact matches. This is the most reliable way to find existing contacts and updating their informatches.
f d	uplicates are found, do you want your existing data to take priority or the data from your import file?
•	Update duplicate records (Recommended)
	Only update database values that are blank; if a field has a value, do not replace with imported data. (Existing data from the database takes precedence.)
	Update all existing values with imported data; regardless if it has a value or is blank. (Data from your import takes priority.)
	Do not import duplicate records When a duplicate is found, we will not import the row. The row will be included in an exception file for you to export. After reviewing, you can import the exception file.
0	Create new records; regardless if there are duplicate records found. This will create a new record for all your imported data. Use this option sparingly as it ignores any duplicate matching. Thus, it may create a lot of extra records.

Step 6: After the pre-import check. Review the contacts update or created and look for any exceptions (contacts that could not be imported). **Download the .zip for the exceptions then open the .txt file** and look for the error message. Finally press **import now**

Step 4: Pre-Import Checklist Review



Final Product: Under the **History** tab you can see the **total contacts** in the import by clicking on the blue number



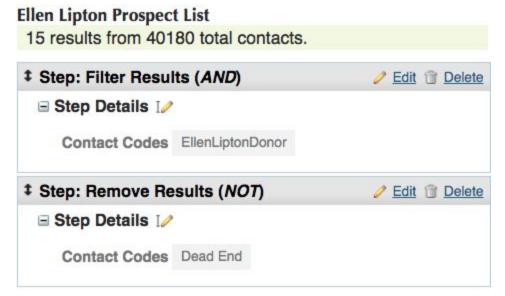
Contacts Created	Contacts Modified	Total Contacts	Original File
4	67	<u>71</u>	

Concept: NGP uses what is called a **Dynamic Search Feature**, meaning that the **criteria** of any given search is saved not the **results**. The implications of this are that, for example, by changing the contact code for a contact, they will be subsequently removed from the search. NGP can also support **multi-step searches** meaning that it will search for one criteria **AND THEN** the other criteria. Searches on NGP can also be **saved**, meaning that the criteria for the search will be saved if needed again. This can be useful if there is a saved search for all the marked contacts because it speeds up the creation of call sheets.

Example: I have a list of prospective donors in NGP from DC and had a contact code **dead end** & good donor. Everytime I find a donor that does not meet the requirements for Leahy I can add dead end to their file and visa versa. Therefore, I can do a search for all DC donors to Leahy and then as second step remove all the people with the contact code dead end.

Step by Step

Step 1: Find what you want to search for: In the example we will use it will be Ellen Lipton Prospective Donors



Explanation: Here this is a **multi-step search** where the first step is find any contact with the contact code "EllenLiptonDonor" and the second step is to remove contacts the contact code Dead End. These criteria can be edited in the **edit** tab.

Step 2: When going through the contacts if one is found that is not a good prospect add the contact code **dead end**



Step 3: The result is the contact with the code "Dead End" will not longer show up in the search for Ellen Lipton Prospects

Multi-step Searches

Step 1: Select initial search criteria: for example, anyone who lives a 5 mile radius of the zip code 20016

2. Then Select Your Search Criteria:

Contact Name:	
Address Line 1:	
City:	
State:	Example: CA,DC,NY
ZIP:	Example: 90210,20005,12121
ZIP Radius:	Example: 90210,20005,12121
Email Address:	

However, let's say that I want to filter out anyone who lives in Maryland but still maintain my original search. We must add a step that filters out anyone living Maryland

Step 2: In the top right, press Add a step then filter either and, or, not: This decides whether to add two criteria DC and Maryland Donors only; add to my results DC or Maryland or Virginia; or remove DC not Maryland.

Search	Summary	/	
Search (08/07/18 0	4:13:15.71 PM	
562 re	sults from 4	10180 total contacts.	
‡ Step	: Filter Res	ults (AND)	
⊞ Ste	ep Details I	0	
	d edit the step	os in the summary above. To	o reorder steps, use the
	drag and drop	p.	
			Add a Step

This will remove anyone from the last list who has a state listed as Maryland

1. Begin Refining Your Results by Selecting a Search Type:

Filter Results (AND) Add to resu	Its (OR) Remove from Results (NOT)
2. Then Select Your Search Criteria:	
Contact Name:	
Address Line 1:	
City:	
State:	MD

Final Product: Once again, we can view our search summary in the top right to verify that NGP has search all donors in the 20016 area but who **do not** live in Maryland.

Search Summary	
Search 08/07/18 04:13:15.71 PM 379 results from 40180 total contacts	S.
Step: Filter Results (AND)	
Step Details ✓	
ZIP Radius 20016,20375,20394,2039	3,20046,
‡ Step: Remove Results (NOT)	
Step Details ✓	
State MD	

How to Save a Search

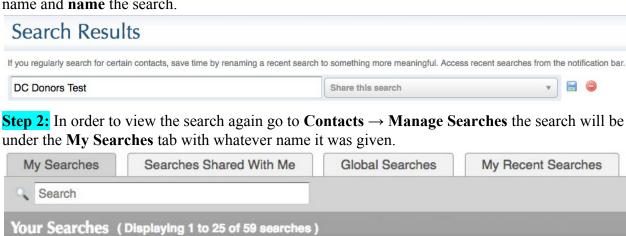
Last Modified

08/07/2018

04:21:07 PM

Use: Saving a search and be extremely useful when we need to refer back to the search at a later time. Let's continue with the previous example. We just found the donors in the 20016 zip area but who do not live in Maryland. We want to save this search

Step 1: Saving a search is relatively simple. Click the little blue save icon next to the search name and **name** the search.



Step 3: If we want to run the search or edit it press the options on the right side of screen



Search Title

DC Donors Test 1/

Search Origin

Standard Search