

DNAGedcom

- Basics:

- Cost: \$5/mo or \$50/yr, can be easily cancelled month at a time
- Website: <https://www.dnagedcom.com/>
- First step: Register at the website above, pay the subscription fee
- Then, download the client at the website above (Windows or Mac)



WELCOME TO THE DNAGEDCOM TOOLS SITE

We continue to have issues with accessing Ancestry and now GEDmatch. We are working on a new version 4.0 that will allow you to browse the site:

Web Logins for the 2 DNA companies on Windows requires WebView2 installer at <https://go.microsoft.com/fwlink/p/?LinkId=2124703>

To use this site, you must [Register](#). Registering simply gives an ability to associate your information with your login.

We have a robust User group where you can ask questions and find out the latest. Go to <https://www.facebook.com/groups/DNAGedcomUserGroup>

DNAGedcom Client requires a [subscription](#). After you [subscribe](#), you can install the application for [Windows](#) or for [Mac](#).

NEW: We have a new [help system](#) for DNAGedcom Client hosted. [Help](#)

If you want help with the GWorks system, please check out the documentation at [Kitty Blog Post](#) or https://www.dnagedcom.com/docs/GWorks_Howto_Update

LATEST DOCUMENTATION CAN BE FOUND AT <https://doc.dnagedcom.com>

If you have any issues, please send an e-mail to support@dnagedcom.com. Please include your DNAGedcom User Name. Thanks for your support.

To become a subscriber to DNAGedcom, please login or [Register](#) and then go to the [Subscriber Page](#). You can unsubscribe through PayPal.

CREATE A NEW ACCOUNT

Use the form below to create a new account.

Passwords are required to be a minimum of 7 characters in length.

Account Information

User Name:

E-mail:

Password:

Confirm Password:

Name:

ACCOUNT SECURITY

Security Question:

Security Answer:

What do I use it for?

- Easy download of matches into a spreadsheet
 - Other methods have come and gone and were cumbersome
 - This is the best method I've come across to do this
- Building auto-cluster diagrams (the Collins-Leeds method [CLM])
 - Note: this does require downloading of ICW files (more on this later)
- I will show results of both in this presentation

- Once registered and subscribed you can get into the system
- Log in using the client you downloaded and installed

DNAGedcom Client Version 3.3.9.4

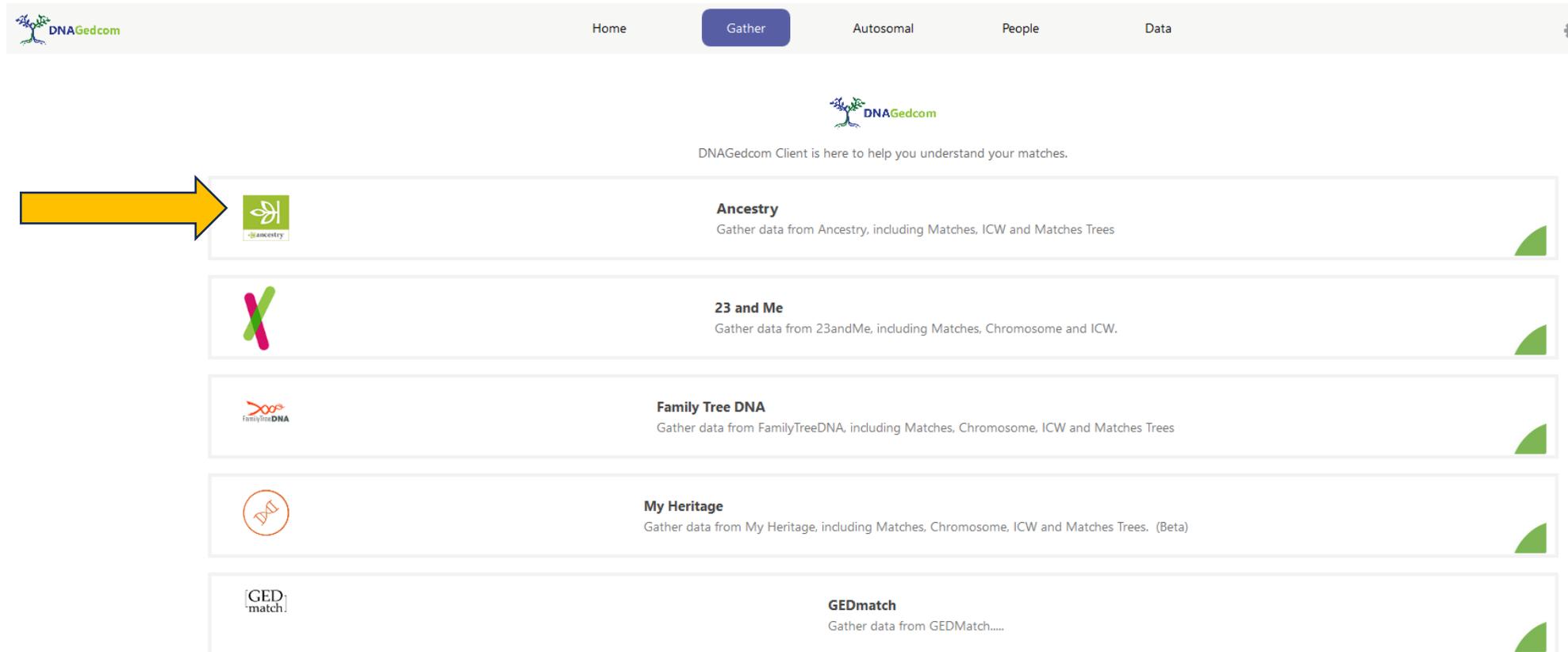
Username: Password:

Remember Me

Please enter your DNAGedcom Login

[Forgot Password](#) [Change Password](#) [LOGIN](#)

Download Choices – Some may not work at any given time!

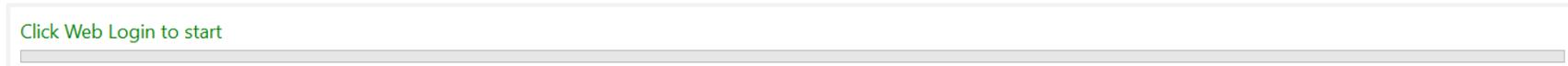


The screenshot shows the DNAGedcom website's 'Gather' page. The navigation bar includes 'Home', 'Gather' (highlighted), 'Autosomal', 'People', and 'Data'. Below the navigation bar, the DNAGedcom logo is centered, followed by the text 'DNAGedcom Client is here to help you understand your matches.' Below this, there is a list of five download choices, each in a white box with a green corner. A large yellow arrow points to the first choice, 'Ancestry'. The choices are:

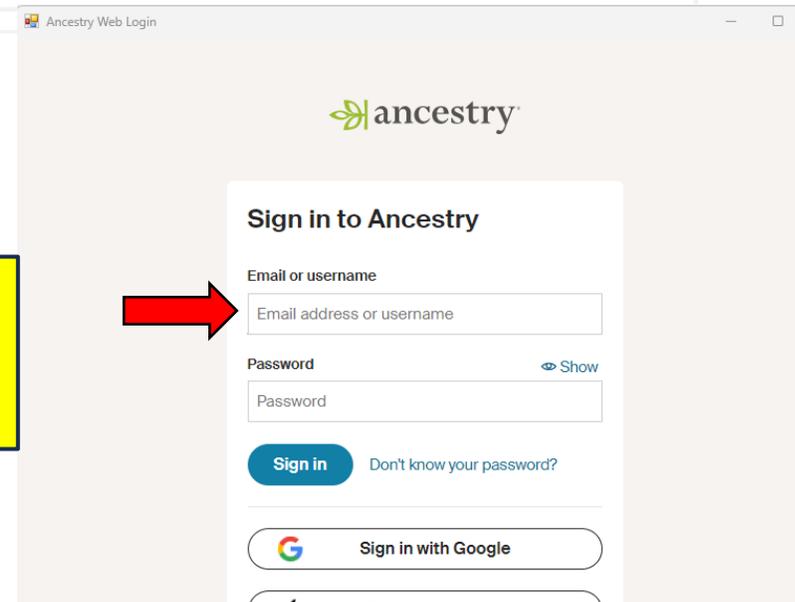
- Ancestry**: Gather data from Ancestry, including Matches, ICW and Matches Trees
- 23 and Me**: Gather data from 23andMe, including Matches, Chromosome and ICW.
- Family Tree DNA**: Gather data from FamilyTreeDNA, including Matches, Chromosome, ICW and Matches Trees
- My Heritage**: Gather data from My Heritage, including Matches, Chromosome, ICW and Matches Trees. (Beta)
- GEDmatch**: Gather data from GEDMatch....

This example will show Ancestry, which has only recently become available again

Sign on to the DNA company

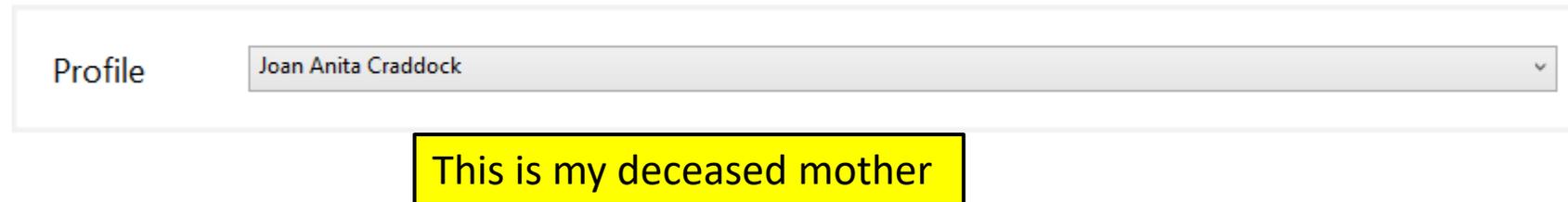


Note: credentials are not stored on either your client app or at DNAGedcom so must be entered manually each time



Once logged in to both DNAGedcom and the DNA company...

- Select the kit of choice (for those who have more than 1 kit in their account) in the drop-down



The image shows a screenshot of a user interface for a DNA testing service. On the left, the word "Profile" is displayed. To its right is a dropdown menu with a light gray background and a small downward-pointing arrow on the right side. The text "Joan Anita Craddock" is visible within the dropdown menu. Below the dropdown menu, there is a yellow rectangular box with a black border containing the text "This is my deceased mother".

Once logged in to both DNAGedcom and the DNA company...

- Next step is to set your Gather (download) options
 - Vary start and stop cMs (use this! Otherwise you'll be going down to 8 cMs which can be really slow. I typically set 20 cMs as minimum and no maximum)
 - Select if you want to download ICW
 - NOTE: this will greatly slow down the process
 - NOTE: this is required to use the autocluster tool (more on that later)
 - Family Trees
 - Can also slow down the process markedly
 - Ethnicities
 - Have never tried this as I imagine it could slow the process even more

cM Range	<input type="text" value="20"/>	to	<input type="text" value="maximum"/>
Gather ICW	<input checked="" type="checkbox"/>		
Gather Trees	<input type="checkbox"/>		
Gather Ethnicity	<input type="checkbox"/>		

Gather with no ICW, trees, or ethnicity selected was quick, only a couple of minutes

Timing

- This can change (radically) given any changes with the DNA companies
- As of 5/25/2024 my results using Ancestry:
 - To download just the matches list from 20 cMs up it was very quick, less than 1 or 2 minutes
 - Once you select ICW option it slows way down with each match taking about 35 seconds (do the math here, if you have 3,000 matches 20 cMs up, that could be 1,800 minutes, or 29 hours)
 - Selecting ICW + Family Trees would be even slower

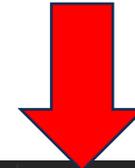
Techie Stuff

- Files used:
 - DNAGedcom.SQL – the master database file
 - a_[matchname].CSV – CSV files of the trees (if downloaded)
 - m_[matchname].CSV – CSV file of the matches
 - icw_[matchname].CSV – CSV file of all the “in common with” (shared matches)

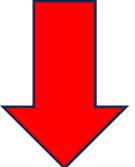
Techie Stuff

- This is what the .CSV file for my mom's DNA kit looks like:

NOTES (very useful!)



Date test was taken (also useful)



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	
1	testid	matchid	name	admin	people	range	confidenc	sharedCM	sharedSeg	lastk	starred	viewed	privat	hint	archiv	note	imageurl	profileurl	treeurl	scanned	men	eth	
2	79CA2BB7	3C54E411-	Fra	/ATE	2753	PARENT_C	100	3486.09	22	FALSE	TRUE					Son, 3486/43.		https://w	11/24/2014	7:00			
3	79CA2BB7	DC7BBD05	Ker	/ATE	2753	PARENT_C	100	3474.44	25	FALSE	TRUE					Son, 3474, https://mediasvc.an	https://w	https://w	10/8/2013	6:00			
4	79CA2BB7	560E8D30-	Pat	/ATE	2753	CLOSE_FA	100	1951.52	24	FALSE	TRUE					Granddaughter. 1952/40		https://w	3/12/2016	8:17			
5	79CA2BB7	900F61FB-	Nat	/ATE	2753	CLOSE_FA	100	1878.9	28	FALSE	TRUE					Grandson, 1879/41.		https://w	2/22/2016	7:00			
6	79CA2BB7	DCDB1508	Jan	uld:	4529	FIRST_CO	100	811.73	32	FALSE	TRUE					Joan's 1st cousin, son of her au	https://w	https://w	12/11/2016	3:10			
7	79CA2BB7	6E79A62A	Lel	d Cal	0	SECOND_C	100	641.5007	21	FALSE	TRUE					1C1R to Joan, grandson of Stella Mae Crac			8/26/2018	18:09			
8	79CA2BB7	94C5E806-	Mic	el E:	302	SECOND_C	100	472.1555	17	FALSE	TRUE					1C1R grandson of Walter Cradch	https://w	https://w	9/27/2018	22:24			
9	79CA2BB7	B7784740-	Car	n Re	0	SECOND_C	100	442.828	16	FALSE	TRUE					1C1R, 443/16. Granddaughter of Walter C			11/24/2016	3:55			
10	79CA2BB7	6A3168C5-	Joh	itanl	5	SECOND_C	100	428.7964	22	FALSE	TRUE					Joan's 1st cousin 1x removed, g	https://w	https://w	8/21/2017	22:16			
11	79CA2BB7	40FD0B1D	Mic	lle K	0	SECOND_C	100	360.133	14	FALSE	TRUE					1C2R great granddaughter of St	https://w	https://w	9/11/2019	22:01			
12	79CA2BB7	525E6C14-	Eric	uld	0	SECOND_C	100	354.089	21	FALSE	TRUE					1C1R, grandson of her Aunt Lav	https://w	https://w	2/18/2017	11:39			
13	79CA2BB7	59FEF469-	Ste	Tho	0	SECOND_C	100	341.692	14	FALSE	TRUE					1C2R: great-grandson of Stella	https://w	https://w	4/29/2023	6:34			
14	79CA2BB7	FF21ACE1-	Me	nn C	5	SECOND_C	99.999	277.7907	14	FALSE	TRUE					1C1R from Flora Ann Auld	https://w	https://w	4/22/2017	12:54			
15	79CA2BB7	B03D14B9	Eni	offe	2153	SECOND_C	99.999	275.3825	13	FALSE	TRUE					1C2R to mom. Great-grandaugh	https://w	https://w	1/5/2019	20:10			
16	79CA2BB7	B17EEE8F-	LA	uld:	4529	SECOND_C	99.999	262.926	15	FALSE	TRUE					263/17. 1C1R granddaughter of	https://w	https://w	2/15/2017	23:08			
17	79CA2BB7	9FDE7FC3-	Cay	Hov	0	SECOND_C	99.997	204.557	12	FALSE	TRUE					205/12. 1C2R, grandson of Beverly Auld, g			7/11/2016	21:16			
18	79CA2BB7	1BECDD34	jam	NCl	116	THIRD_CO	99.995	193.635	9	FALSE	TRUE					194/10. 2c	https://mediasvc.an	https://w	https://w	9/23/2016	0:38		
19	79CA2BB7	4BE2CFB6-	gl8		3	THIRD_CO	99.992	177.7778	11	TRUE	TRUE					Gerald H L	https://mediasvc.an	https://w	https://w	5/25/2017	16:05		
20	79CA2BB7	121B582D-	Wil	m Ec	17	THIRD_CO	99.984	156.3129	9	FALSE	TRUE					156/9, 2C1R Wood-Thurman		https://w	https://w	6/30/2018	0:44		
21	79CA2BB7	C484F82F-	Do	Clark	981	THIRD_CO	99.976	145.44	9	FALSE	TRUE					2C, Grand	https://mediasvc.an	https://w	https://w	4/28/2015	6:00		

Once the “m” file has been downloaded you are free to edit the spreadsheet as you wish

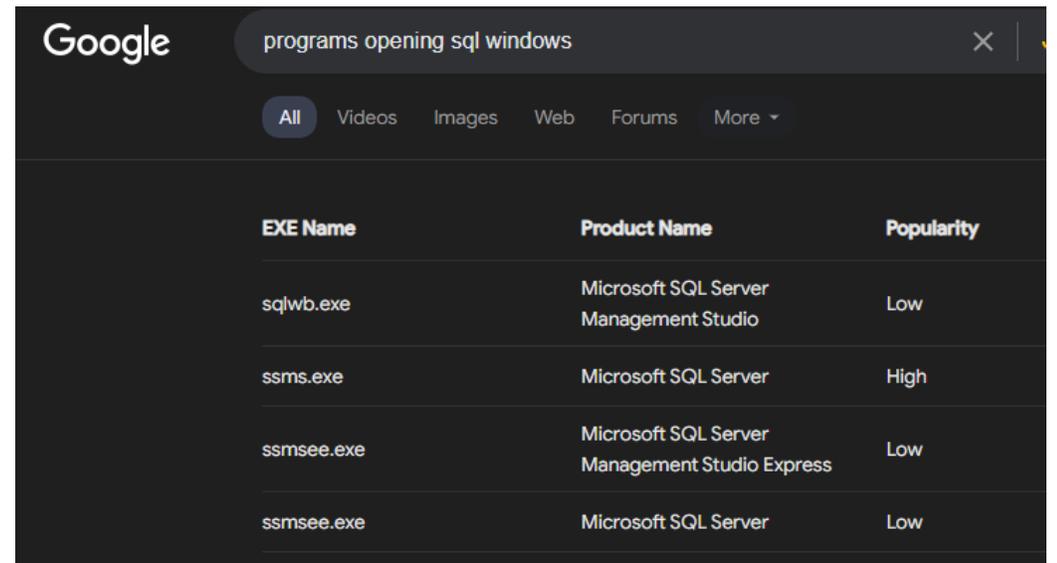
- Here I’ve opened the spreadsheet in Excel

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H	I	J
1	name	people	sharedCM	sharedSeg	note	scanned				
2	Fr	2753	3486.09	22	Son, 3486/	11/24/2014 7:00				
3	Ke	2753	3474.44	25	Son, 3474/	10/8/2013 6:00				
4	Pa	2753	1951.52	24	Granddau	3/12/2016 8:17				
5	Na	2753	1878.9	28	Grandson,	2/22/2016 7:00				
6	Ja	4529	811.73	32	Joan's 1st	12/11/2016 3:10				
7	Le	0	641.5007	21	1C1R to Jo	8/26/2018 18:09				
8	M	302	472.1555	17	1C1R gran	9/27/2018 22:24				
9	Ca	0	442.828	16	1C1R, 443/	11/24/2016 3:55				
10	Jo	5	428.7964	22	Joan's 1st	8/21/2017 22:16				
11	M	0	360.133	14	1C2R grea	9/11/2019 22:01				
12	Er	0	354.089	21	1C1R, gran	2/18/2017 11:39				
13	St	0	341.692	14	1C2R: gre	4/29/2023 6:34				
14	M	5	277.7907	14	1C1R from	4/22/2017 12:54				
15	En	2153	275.3825	13	1C2R to m	1/5/2019 20:10				
16	L	4529	262.926	15	263/17. 1	2/15/2017 23:08				
17	Ca	0	204.557	12	205/12. 1	7/11/2016 21:16				
18	ja	116	193.635	9	194/10. 2	9/23/2016 0:38				
19	gl	3	177.7778	11	Gerald H L	5/25/2017 16:05				
20	W	17	156.3129	9	156/9, 2C1	6/30/2018 0:44				
21	Dc	981	145.44	9	2C, Grandi	4/28/2015 6:00				
22	Br	0	143.615	6	2C1R to M	11/12/2023 15:47				
23	Kr	3	136.8531	6	2C1R (3C t	1/9/2019 20:18				
24	B.	0	123.534	5	Unable to	5/6/2016 21:57				
25	Ha	7	122.8882	8	2C1R, Cur	10/17/2018 14:48				
26	Le	40	118.079	6	3C1R Spivi	3/22/2024 0:35				
27	Ke	0	117.4611	4	117/4. Ha	2/9/2019 17:42				
28	M	22477	115.696	5	Possible 3	10/8/2013 6:00				
29	G.	174	112.065	7	2C1R, Woc	9/15/2015 6:00				
30	ch	58	110.4157	5	3C throughl	4/12/2017 6:28				
31	Br	17	109.664	4	Father is C	11/23/2022 1:18				
32	Cr	0	104.0775	5	Likely Spiv	5/28/2018 23:02				
33	be	2	103.3027	5	May be Be	1/2/2019 16:45				
34	Jo	0	99.8764	3	2C to mon	8/15/2017 7:25				
35	N	83	97.2941	5	97/5, Aug	4/17/2019 9:40				
36	Rc	6	93.3057	6	2C1R, Roc	3/8/2018 2:38				
37	J.J	90	92.162	5	2C1R Rev	9/13/2016 8:57				
38	F.I	0	80.661	4	Spivey far	2/11/2017 18:40				
39	ca	39	75.029	5	Carol Woc	6/2/2016 20:57				
40	RH	38	72.7852	3	73/4, Woc	6/17/2018 11:03				
41	ja	176	68.3507	4	Wood. 68	12/22/2017 22:36				
42	Pa	193	67.2662	2	Found her	7/19/2020 16:20				

Techie Stuff

- Master file is stored as an .SQL database
- Once a download is completed it is stored in a CSV (comma-separated variable file) which can be opened by Excel (or other spreadsheet)
 - This is a “flat” file, meaning it’s a text file so could, if desired, be opened by a text editor like Wordpad or, for those into computer programming, by any language such as Python or Perl
- A database program can really dig into the master SQL file but this is only for really advanced users



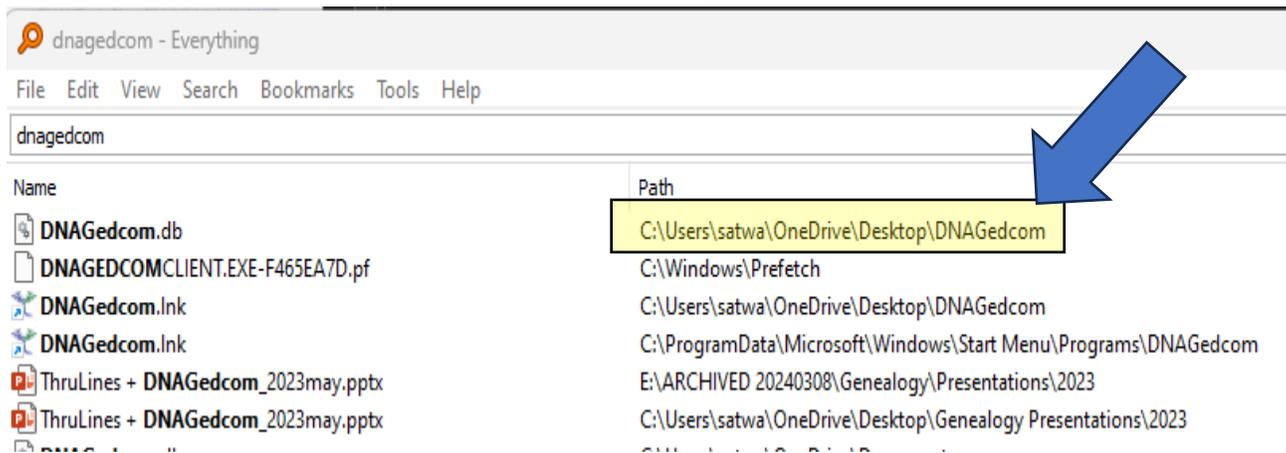
Google search results for "programs opening sql windows". The search interface shows the Google logo, the search query, and navigation tabs for All, Videos, Images, Web, Forums, and More. Below the search results is a table with three columns: EXE Name, Product Name, and Popularity.

EXE Name	Product Name	Popularity
sqlwb.exe	Microsoft SQL Server Management Studio	Low
ssms.exe	Microsoft SQL Server	High
ssmsee.exe	Microsoft SQL Server Management Studio Express	Low
ssmsee.exe	Microsoft SQL Server	Low

Techie Stuff

- Use the properties in the client to figure out where the files are stored. Otherwise it may be a challenge to find them. Alternatively I use a nifty utility called 'everything' which can scan the PC quickly
- Or, look at the app setting:

You are currently storing your data in C:\Users\satwa\OneDrive\Desktop\DNAGedcom in database file DNAGedcom.db



Name	Date modified	Type
a_Ken_Waters	10/24/2023 12:56 PM	Microsoft Excel C...
AncestryError	5/25/2024 10:52 AM	Text Document
DNAGedcom	5/25/2024 10:52 AM	Data Base File
DNAGedcom	1/21/2024 12:56 PM	Shortcut
icw_Ken_Waters	10/24/2023 12:56 PM	Microsoft Excel C...
m_Ernest_Howard_Waters	5/25/2024 10:03 AM	Microsoft Excel C...
m_Frank_Howard_Waters	5/25/2024 10:03 AM	Microsoft Excel C...
m_Joan_Anita_Craddock	5/25/2024 10:02 AM	Microsoft Excel C...
m_Ken_Waters	5/25/2024 9:59 AM	Microsoft Excel C...

After more than 2 days gathering...!

Home Gather Autosomal People Data

Ancestry Login Web Login

Creating Ancestry Reports Completed

Profile Joan Anita Craddock

cM Range 20 to maximum

Gather ICW

Gather Trees

Gather Ethnicity

Clear ICW Gather DNA Data

Clear Tree Run Report

Clear Ethnicity Sync to GF

Cancel

GMP ID: 79CA2BB7-7A41-4F18-B474-29E8B2C8F531

all	59188
new	86
close	3399
distant	55789
starred	66
ignored	0
p1	40358
p2	17253

I had to set my PC's screensaver and power saving settings off in order to keep downloading!

Files Updated

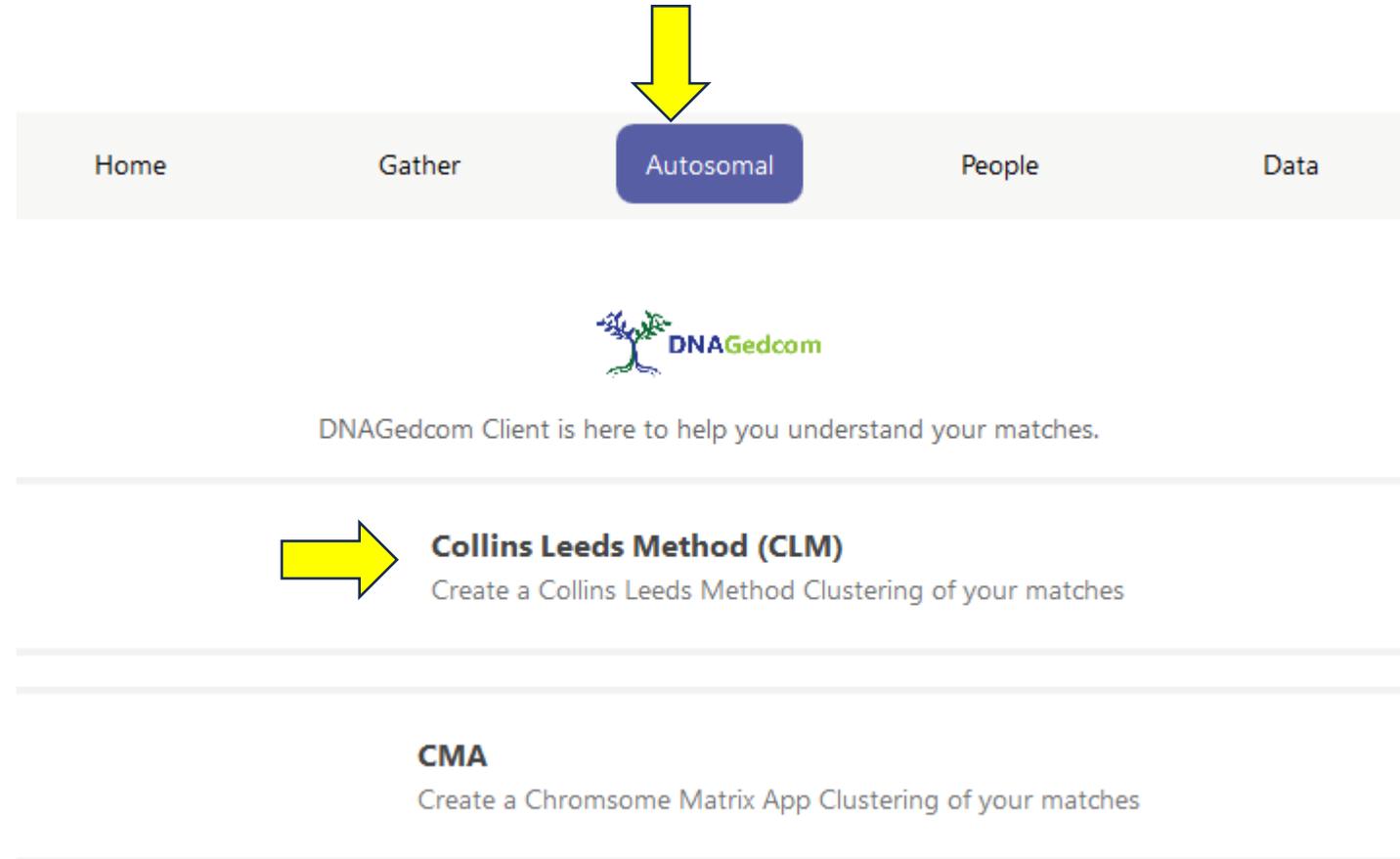


A screenshot of a file list with a dark background. The list contains nine entries, each with an icon, a name, a date and time, a file type, and a size. Three yellow arrows point to the following files:

- DNAGedcom (Data Base File, 25,760 KB)
- icw_Joan_Anita_Craddock (Microsoft Excel C..., 1,916 KB)
- m_Joan_Anita_Craddock (Microsoft Excel C..., 1,433 KB)

	a_Ken_Waters	10/24/2023 12:56 PM	Microsoft Excel C...	6,725 KB
	AncestryError	5/27/2024 5:59 PM	Text Document	913 KB
	DNAGedcom	5/27/2024 5:59 PM	Data Base File	25,760 KB
	DNAGedcom	1/21/2024 12:56 PM	Shortcut	2 KB
	icw_Joan_Anita_Craddock	5/27/2024 5:59 PM	Microsoft Excel C...	1,916 KB
	icw_Ken_Waters	10/24/2023 12:56 PM	Microsoft Excel C...	4,605 KB
	m_Ernest_Howard_Waters	5/25/2024 10:03 AM	Microsoft Excel C...	569 KB
	m_Frank_Howard_Waters	5/25/2024 10:03 AM	Microsoft Excel C...	649 KB
	m_Joan_Anita_Craddock	5/27/2024 5:59 PM	Microsoft Excel C...	1,433 KB
	m_Ken_Waters	5/25/2024 9:59 AM	Microsoft Excel C...	496 KB

Only after matches and ICW collected can we go on to CLM autoclusters

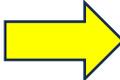


The screenshot shows the 'Autosomal' section of the DNAGedcom interface. A yellow arrow points down to the 'Autosomal' button in the top navigation bar. Below the navigation bar is the DNAGedcom logo and the text 'DNAGedcom Client is here to help you understand your matches.' The main content area features two options: 'Collins Leeds Method (CLM)' and 'CMA'. A yellow arrow points right to the 'Collins Leeds Method (CLM)' option.

Home Gather **Autosomal** People Data

 DNAGedcom

DNAGedcom Client is here to help you understand your matches.

 **Collins Leeds Method (CLM)**
Create a Collins Leeds Method Clustering of your matches

CMA
Create a Chromosome Matrix App Clustering of your matches

Select Your Options

- Make sure you select a DNA Kit that the matches have been downloaded for and ICW collected
- I usually start with the default options (e.g., 50 to 400 cMs) but you might want to vary this depending on the situation with the kit and what the goal is

Home Gather **Autosomal** People Data

Collins Leeds Method

Kit Filter:

DNA Kit: ←

cM Range: to

Minimum Shared cM:

Inclusion Threshold:

Sort:

Cluster Sort:

Surname List:

Include Unclustered Matches Open HTML When Done

Paint Midline Include Chromo Data

Tag Grouping Options *Requires Cluster Sort with Supercluster

←

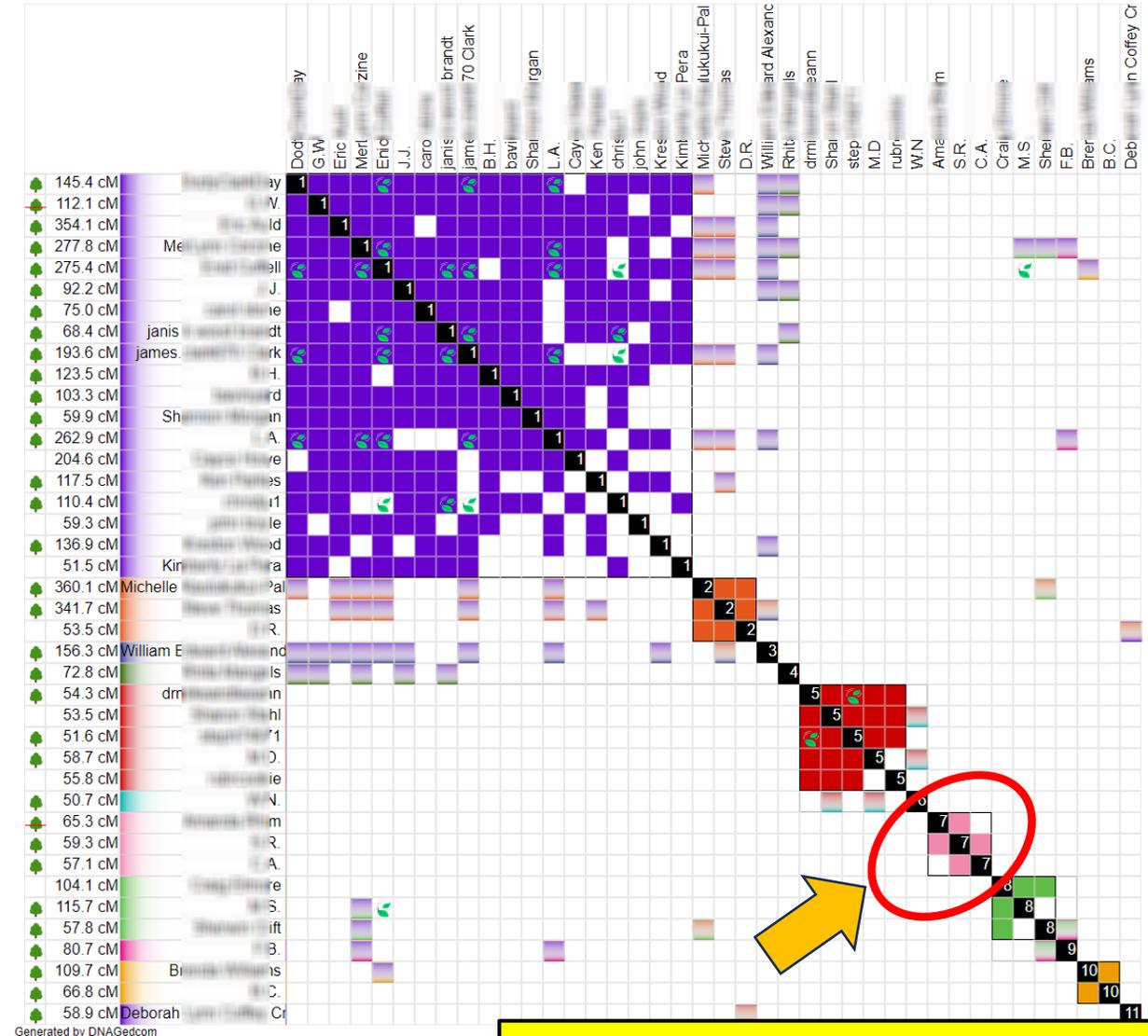
Choose your DNA Kit and parameters and hit Run grouping

CLM AutoCluster

- If tree download was also done then you could examine any trees with the symbol 
- Processing the AutoCluster only takes less than a minute so experimentation is encouraged in regards to the cM range, depending on what the goal is
- With the default settings it clustered my mystery great-grandfather's matches

The Collins Leeds Method for Joan Anita Craddock(Ancestry)

cM: 50 - 400. 1/2 Inclusion. Clusters ordered by inclusion, sorted by size with Supercluste Unclustered Matches Included.



This is my deceased mom's kit. Her mother was an "NPE" with an unknown father

Moving Target!

- Frequent changes by the DNA companies often require major reworking of the client
- This became especially obvious in the aftermath of the 23andMe breach in Oct 2023 as the other companies instituted security foils that would render the DNAGedcom program inoperative
- Only in the past couple of weeks have I been able to successfully do gathers again!



Be Aware

- Ancestry graciously allows the DNAGEDCOM app to gather so long as it is slowed down enough to not result in a large hit to the server
- Other services (MyHeritage, GEDmatch, FTDNA) can be downloaded with mixed and ever-changing results
- As I said, this is all a moving target – what worked yesterday might not work today



To follow the latest be sure to join this group

- Started by Rob Warthen and others

