MQIC
MAXQDA INTERNATIONAL CONFERENCE

Spotlight: Management of large data sets in MAXQDA

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https://fyi.extension.wisc.edu/datajams/

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Intro

Extension
University of Wisconsin-Madison

Intro

- 600 educators & faculty
- 70+ counties and tribal nations
- 3500+ narrative impact reports/yr

Key challenges with large datasets

- Manual workflows become unfeasible
- Manual activation of data become unfeasible
- Dataset size needs to be managed
- Requires more attention in terms of process documentation
- External files (PDFs) become unfeasible

Overview

- Key task: Cleaning & Import
- Key task: Structuring Data in MAXQDA
- Key task: Bulk Movement & Deletion of Data
- Key task: Documentation

Cleaning Data: An iterative task

- Clean data outside of MAXQDA
- Make plenty of test imports
- Run mock analysis and data structuring processes ahead of time
- Keep notes!

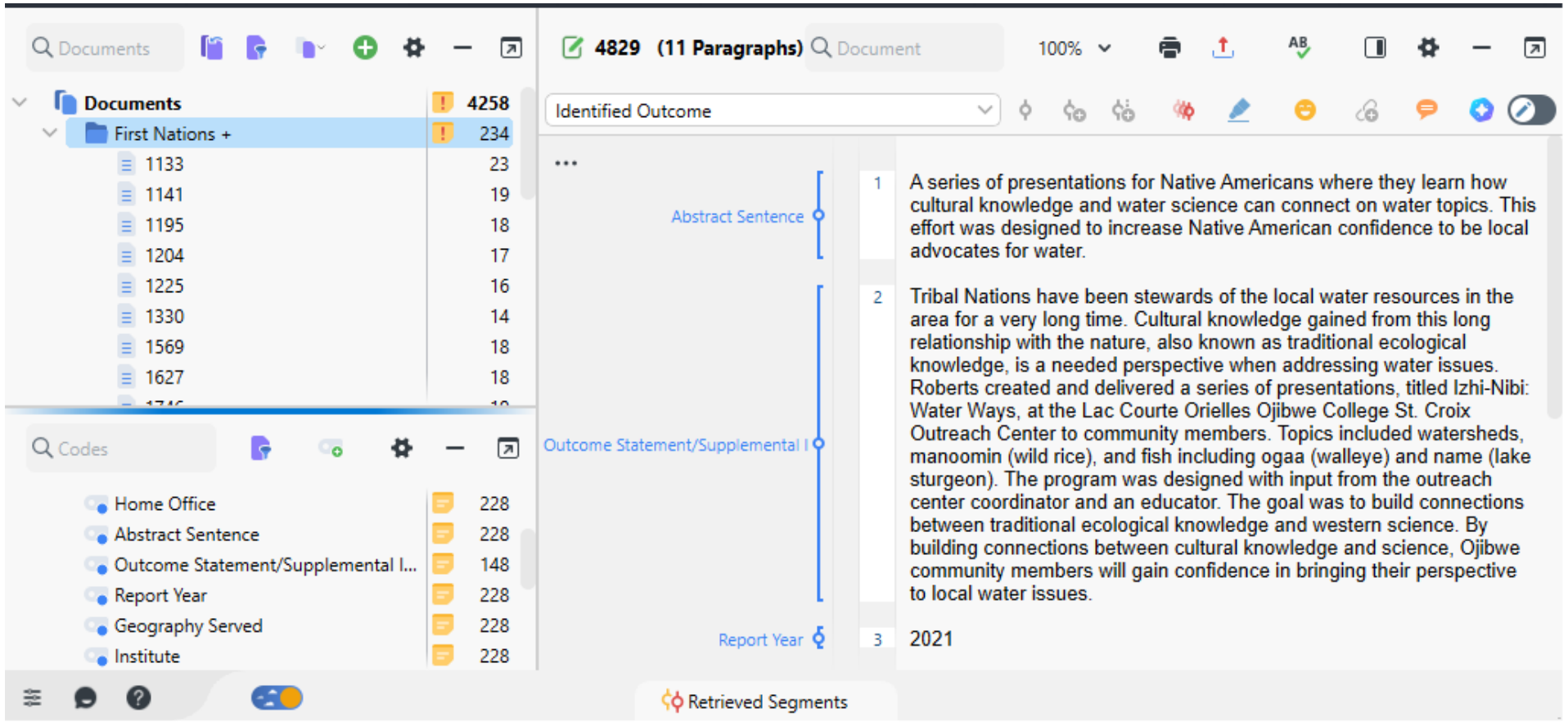
Import from Excel whenever you can

Document Group	Document Name	Abstract Sentence	Type of activity	Outcome Statement/Supplemental Information	Report Year	Hom
First Nations +	4829	A series of presentations for Native Americans where they learn how cultural knowledge and water science can connect on water topics. This effort was designed to increase Native American confidence to be local advocates for water.	Programming/work that occurred/is occurring	Tribal Nations have been stewards of the local water resources in the area for a very long time. Cultural knowledge gained from this long relationship with the nature, also known as traditional ecological knowledge, is a needed perspective when addressing water issues. Roberts created and delivered a series of	2021	Was
		A one day camp experience where youth in 3rd-6th grade participated in activities to learn about caves and to practice outdoor navigation skills using		Sixty nine individuals from Richland, Monroe, La Crosse, Vernon and Crawford counties participated in activities that were planned and led by		

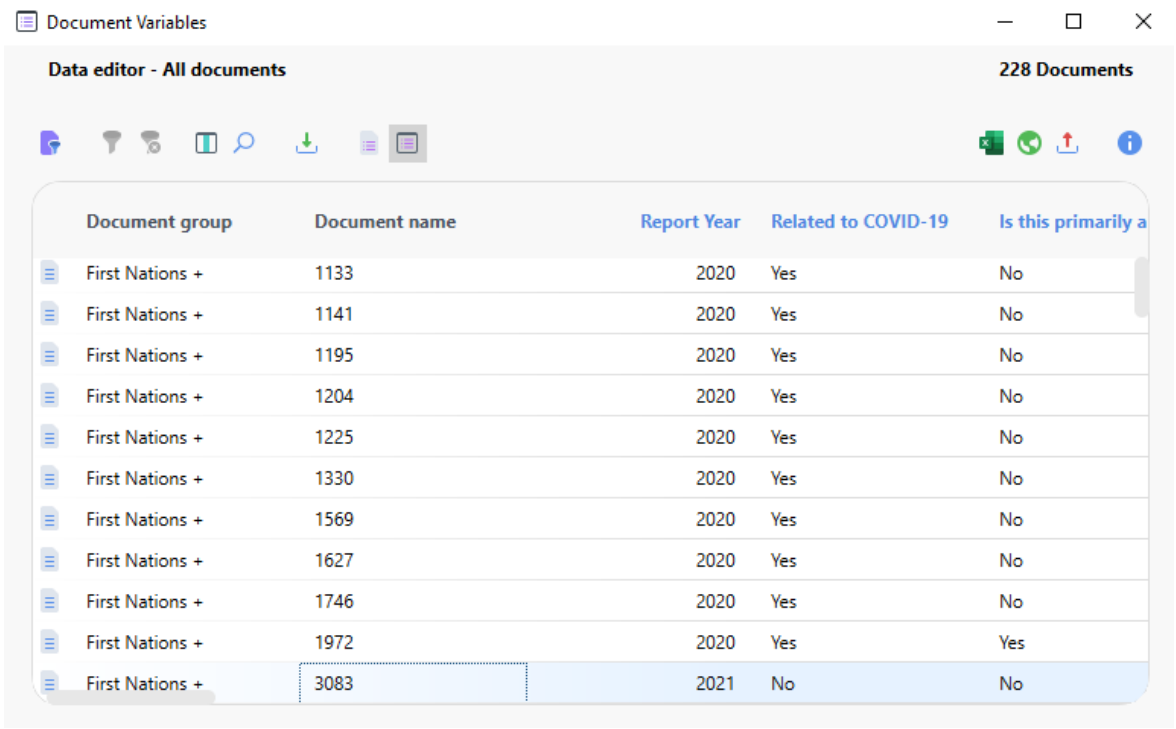
Key Task: Structuring Data

- Via Codes and Document Variables
- Via Document Groups
- Via Document Colors

Structuring of Data via Codes

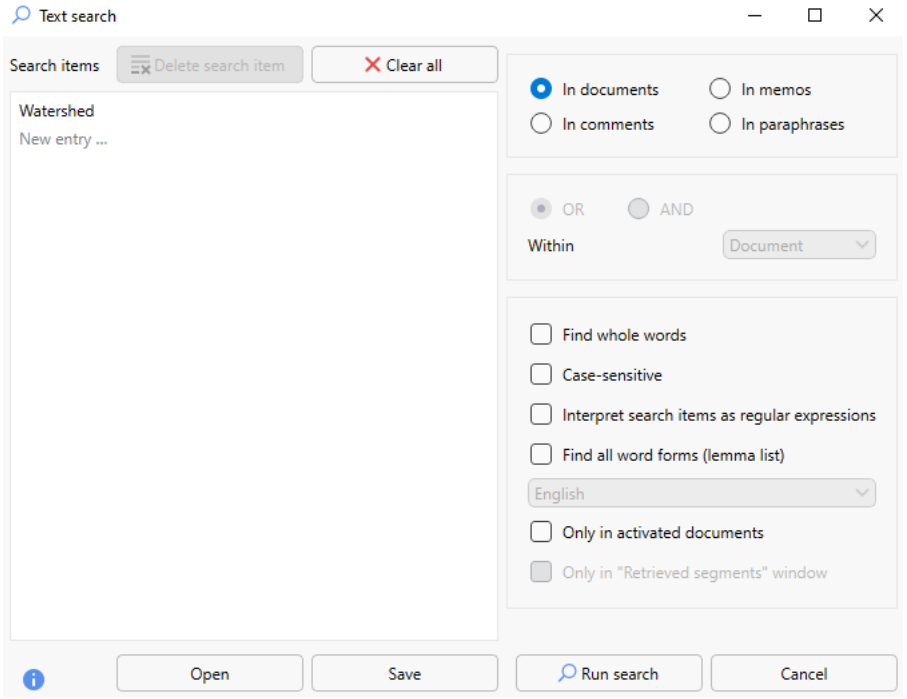


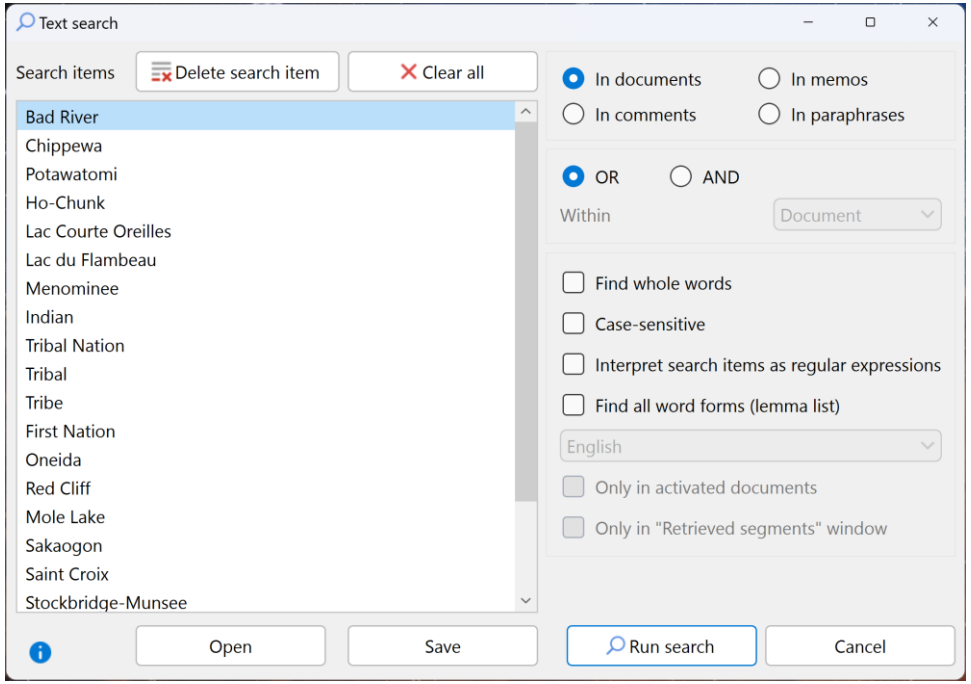
Structuring via Document Variables



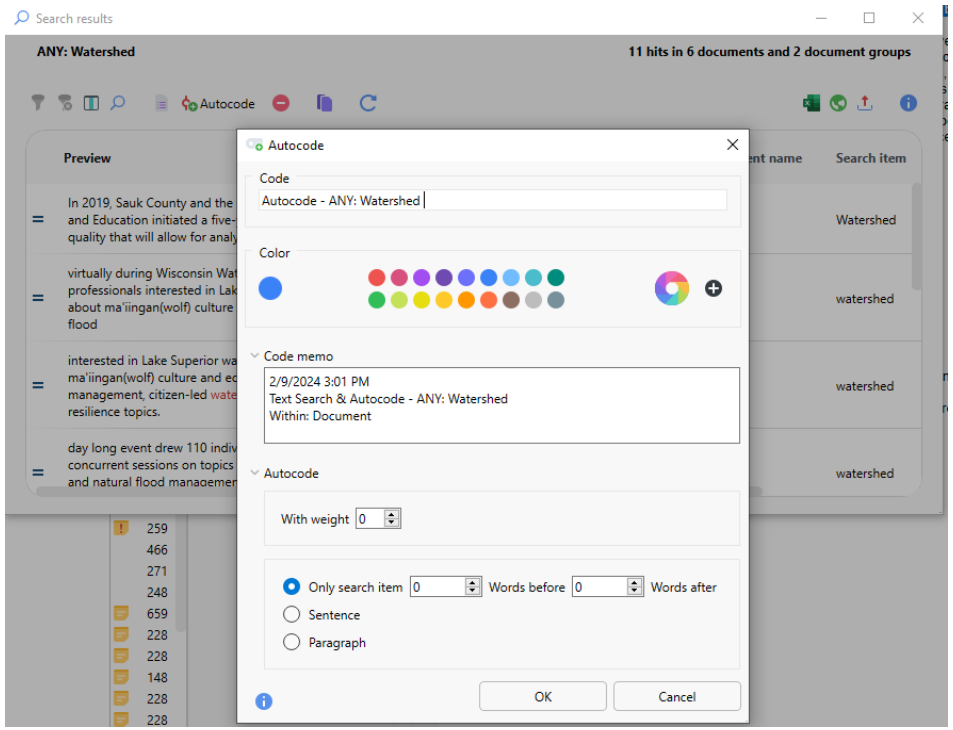
Document group	Document name	Report Year	Related to COVID-19	Is this primarily a
First Nations +	1133	2020	Yes	No
First Nations +	1141	2020	Yes	No
First Nations +	1195	2020	Yes	No
First Nations +	1204	2020	Yes	No
First Nations +	1225	2020	Yes	No
First Nations +	1330	2020	Yes	No
First Nations +	1569	2020	Yes	No
First Nations +	1627	2020	Yes	No
First Nations +	1746	2020	Yes	No
First Nations +	1972	2020	Yes	Yes
First Nations +	3083	2021	No	No

Importing unstructured Data? Use Auto-Coding

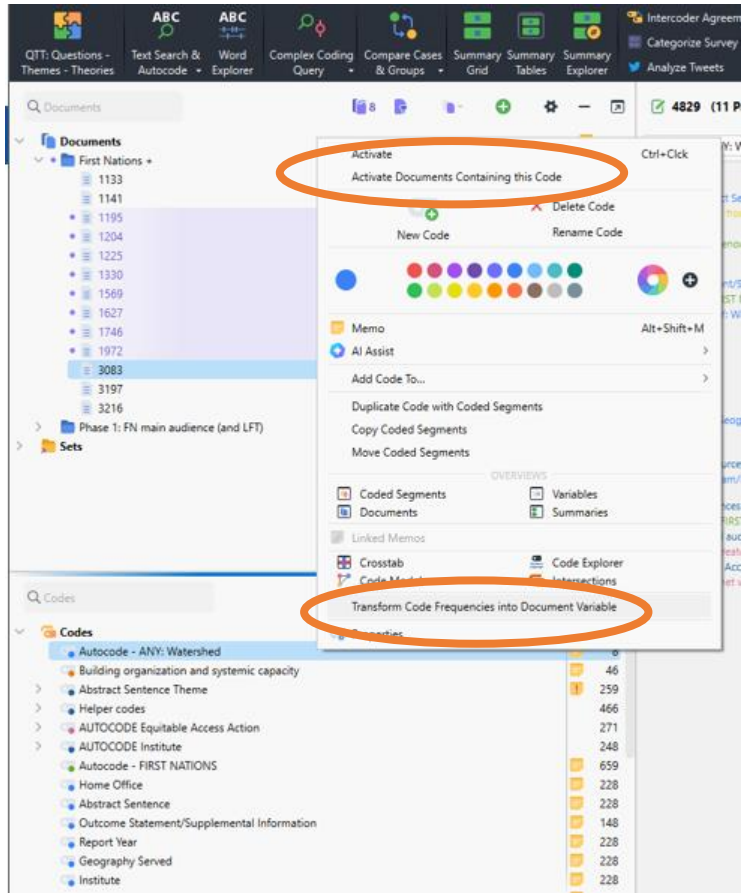




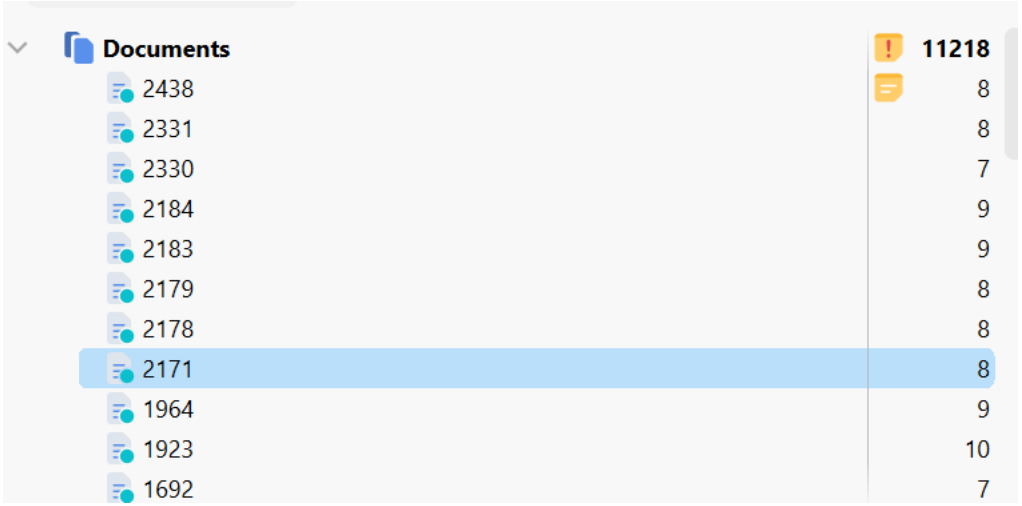
Importing unstructured Data? Use Auto-Coding!



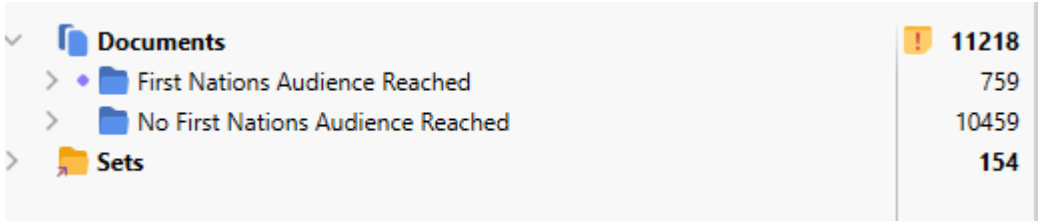
No Document Variables? Transform Codes!



Structuring via Document Groups

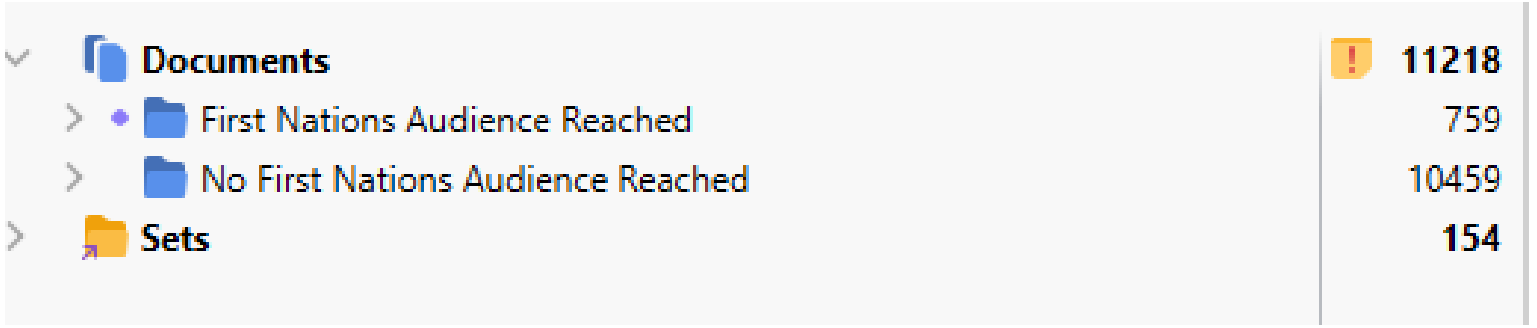


before



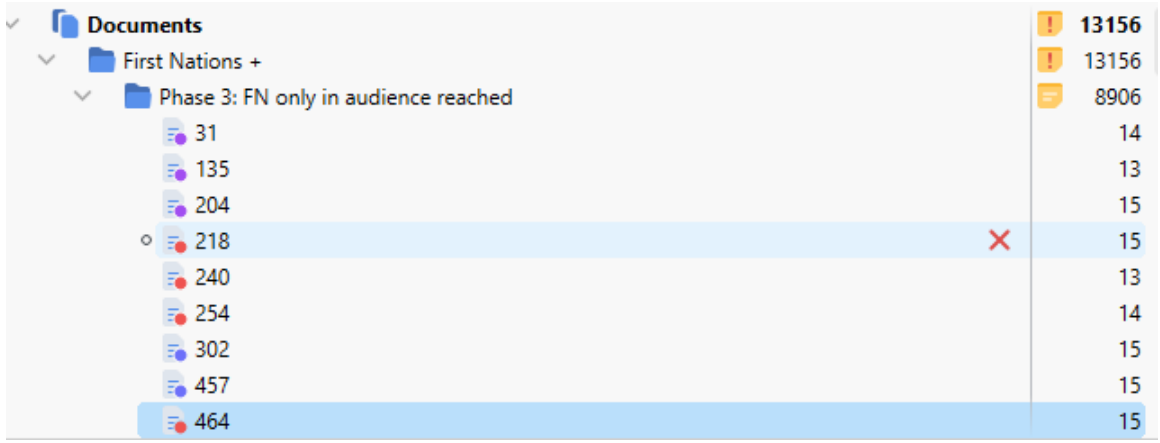
after

Structuring via Document Groups



- Allows you to bulk move and bulk delete, and bulk re-import
- Sub-groups allow for more fine-grained structuring
- Helps manage distributed analysis in teams

Structuring via Document Colors



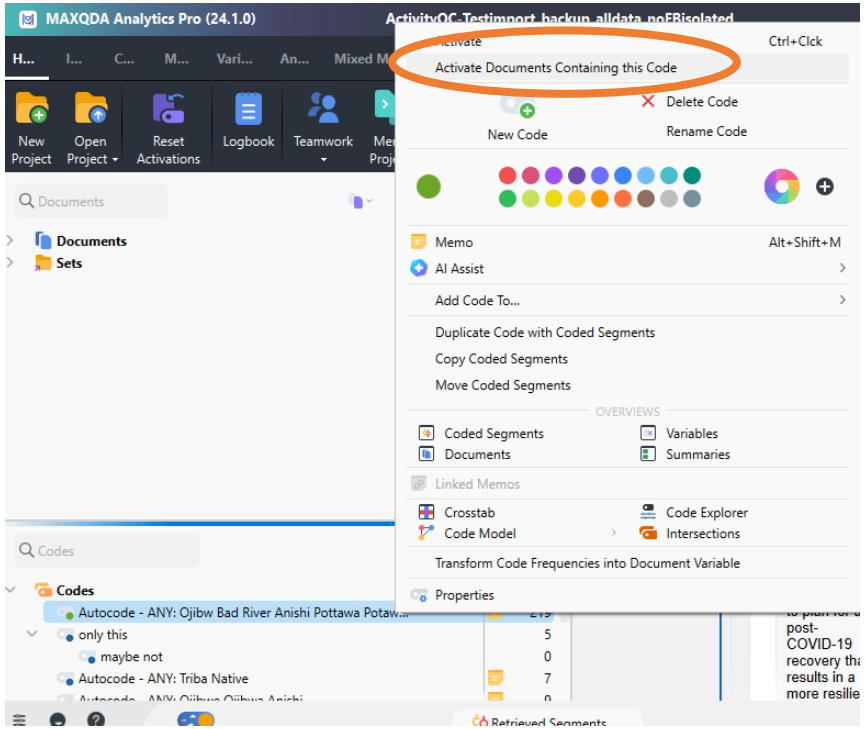
- Allows you to bulk move

- Helps manage distributed analysis in teams

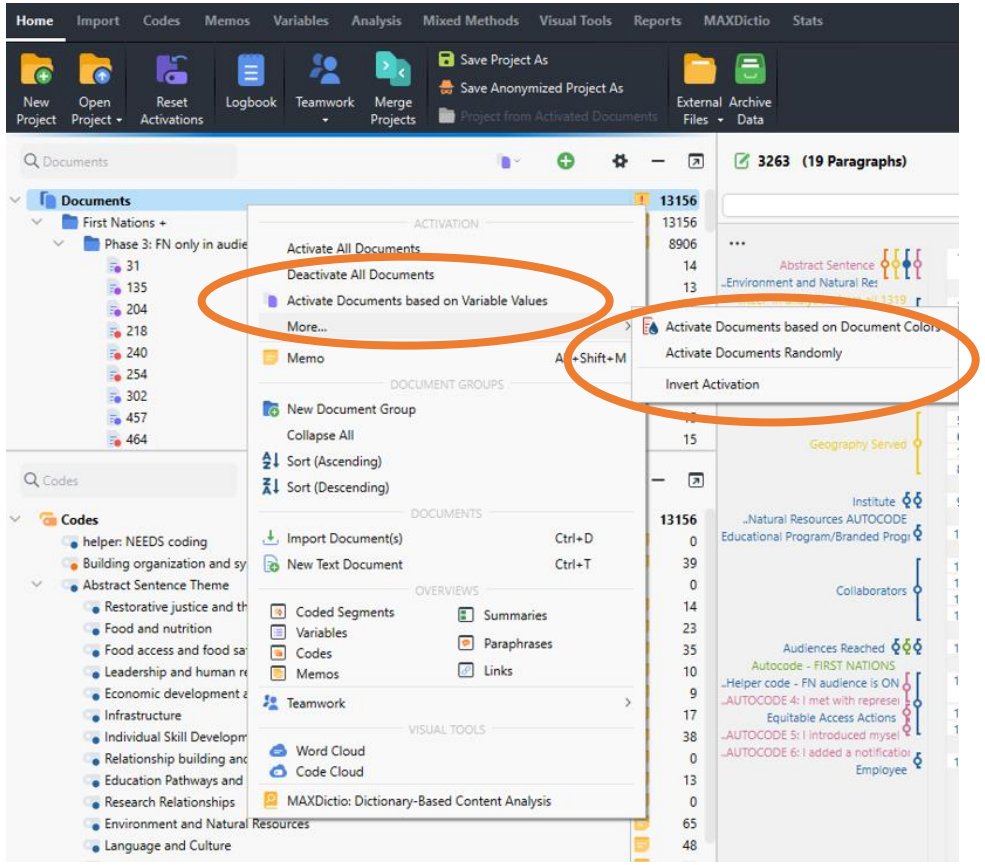
Key task: Bulk Movement & Deletion of Data

- Via Document Groups
- Via Text Search & Auto Code

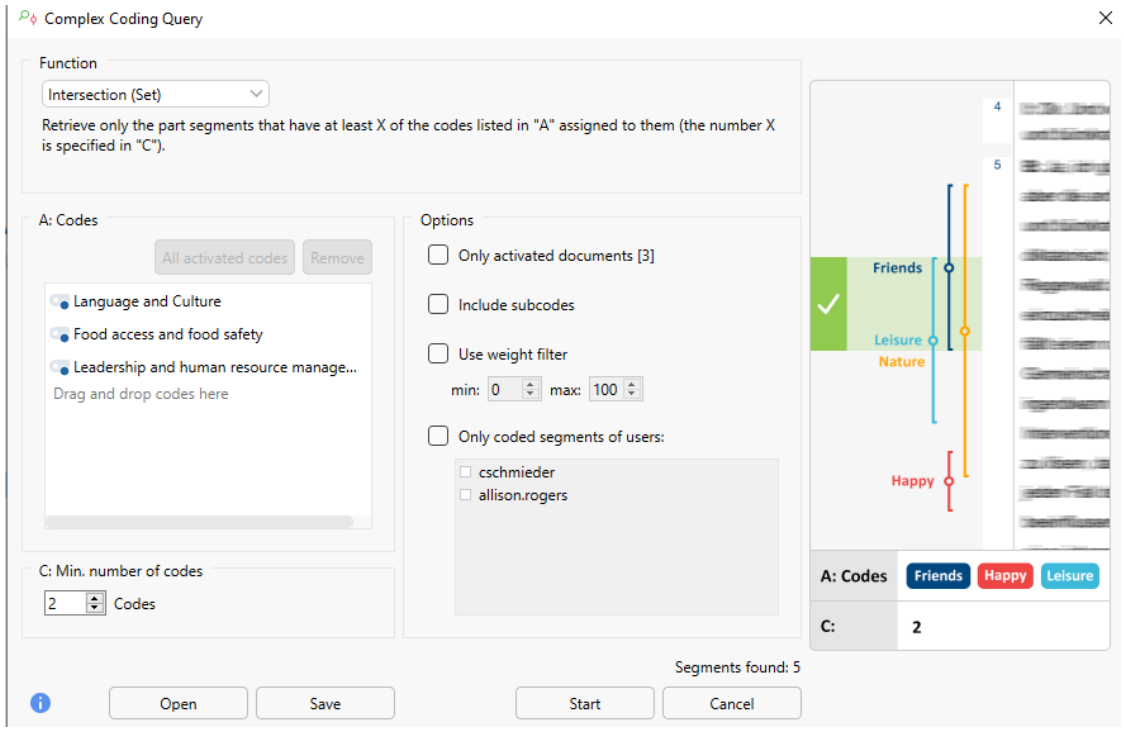
Option 1: Activate documents by Code



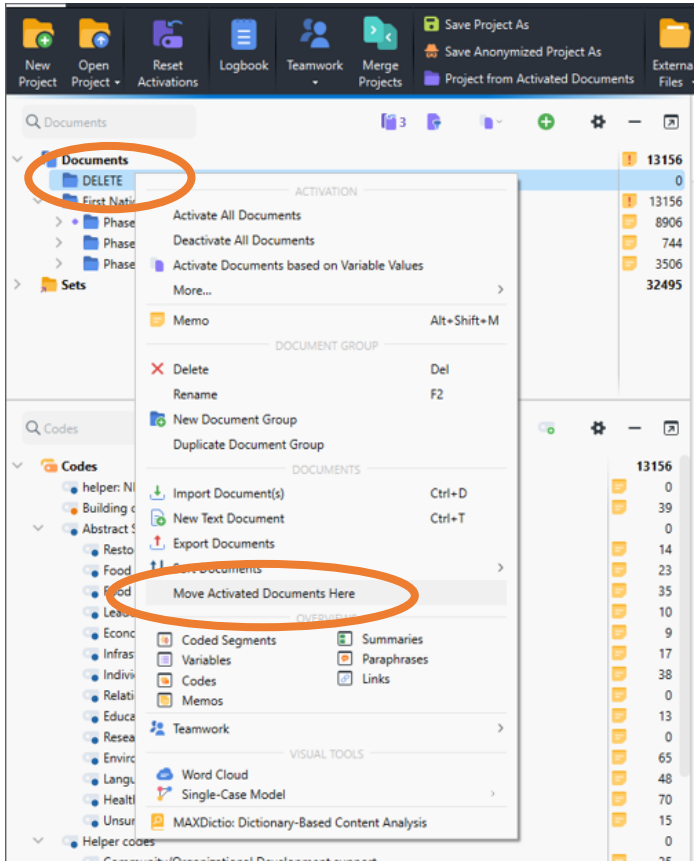
Option 2: Activate Documents by Document Color or Variable Value



Option 3: Activate by Complex Coding Query

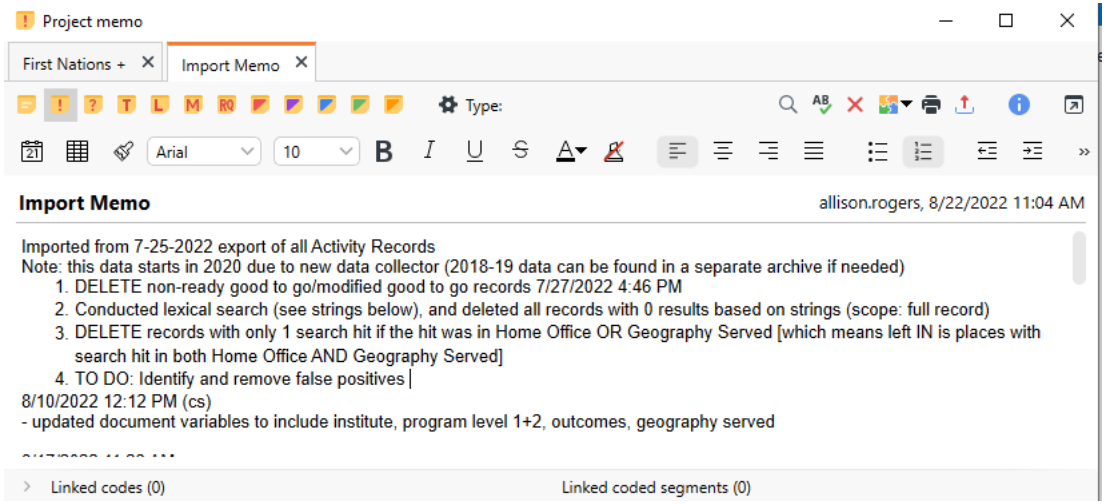


Move into new Document Groups & Delete via Document Group



PSA: Make Backups!

Key Task: Documentation



Time for Questions!