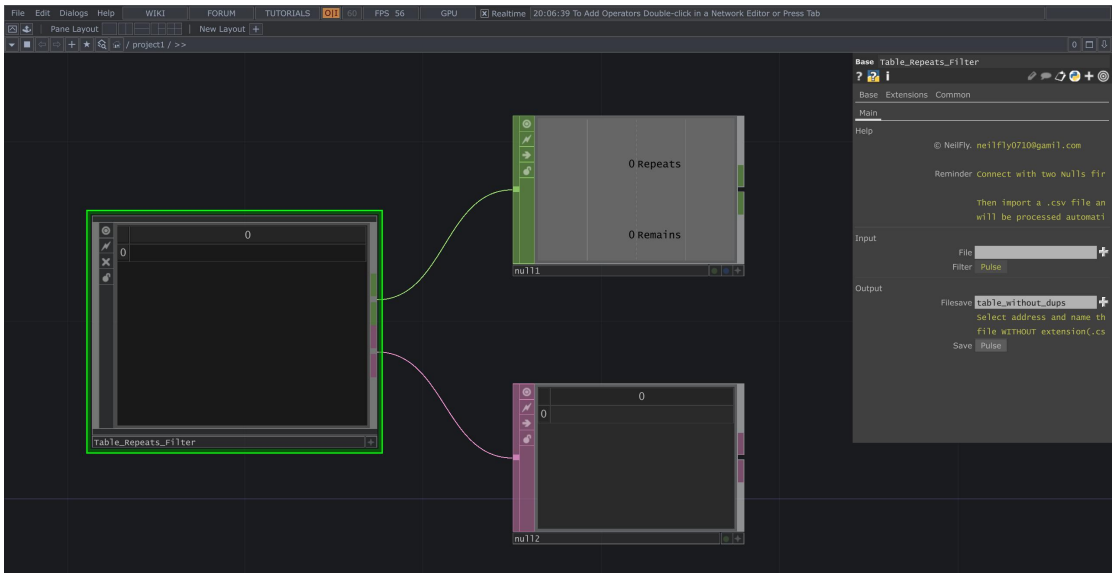
User Manual of Table_Repeats_Filter Plugin

Step 1: Open your Excel file. **Make sure you have A Header Row, and must include a Head "Title", if you have a DOI column, the deduplication accuracy will be higher.** (Don't worry about the capitalisation of the title, as long as it is spelled correctly).

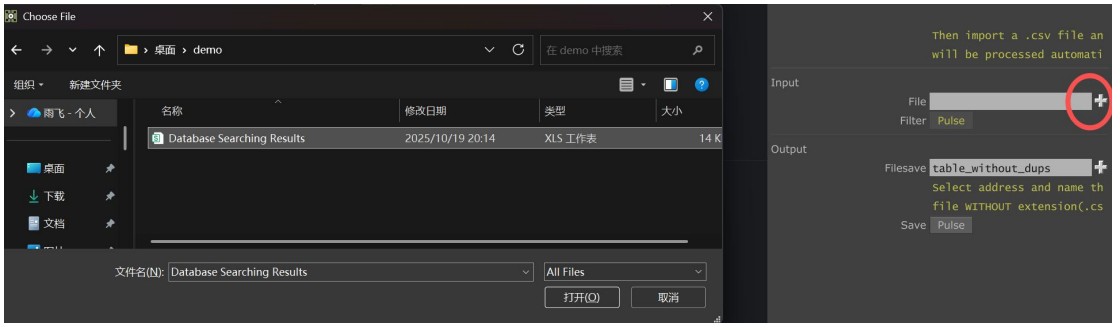
	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Title	Year	DOI	Abstract	Database								
2	Advances i	2025	10.1016/j.i	Despite nu	Scopus								
3	Passenger	2025	10.1155/ai	This study	Scopus								
4	The Impac	2024	10.3390/w	Autonomo	Scopus								
5	Applicatior	2021	10.1109/JS	As automc	Scopus								
6	The Impac	2024	10.3390/w	Autonomo	WoS								
7	Passenger	2025	10.1155/ai	This study	WoS								
8	Applicatior	2021	10.1109/JS	As automc	WoS								
9	The Enviro	2023	10.3390/st	Automatec	WoS								
10	The relatio	2023	10.1016/j.i	Traffic cras	WoS								

Step 2: Save it as a CSV file.

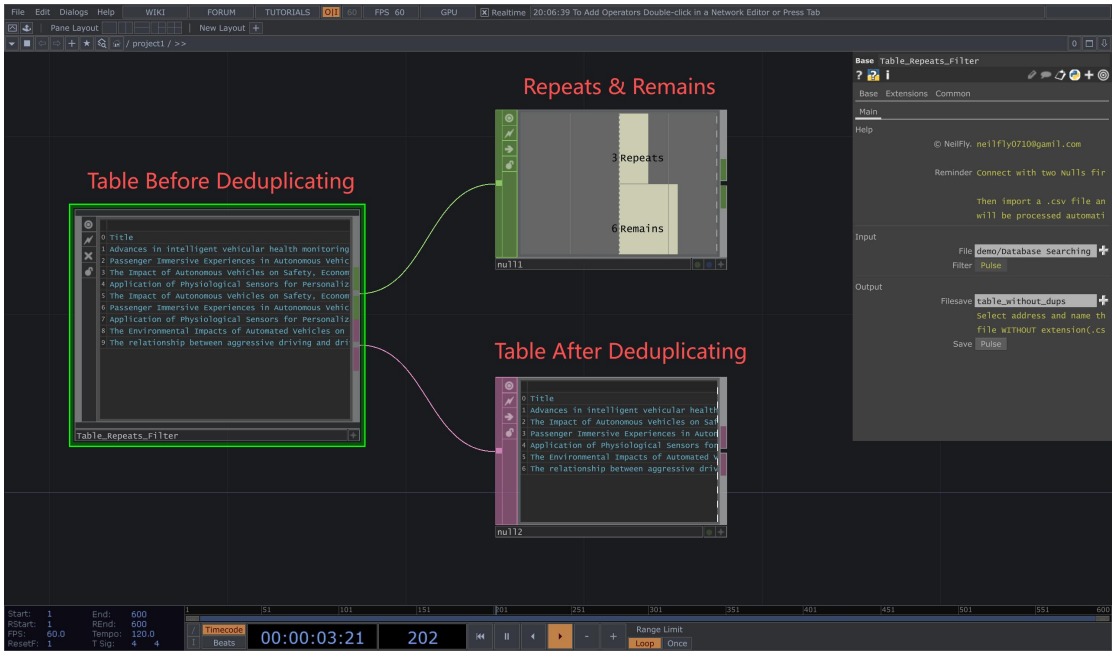
Step 3: Open TouchDesigner, and drag the plugin in. Then connect a Null CHOP and a Null DAT to each Connector.



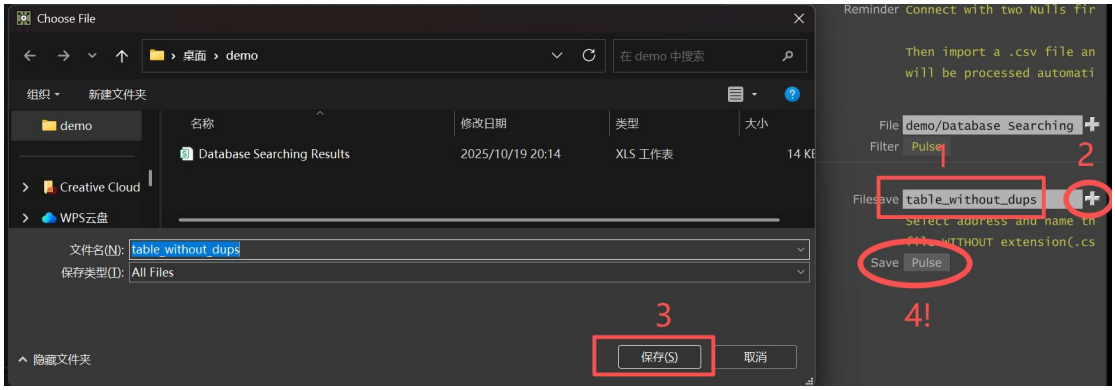
Step 4: Click the plus sign, and import your CSV file.



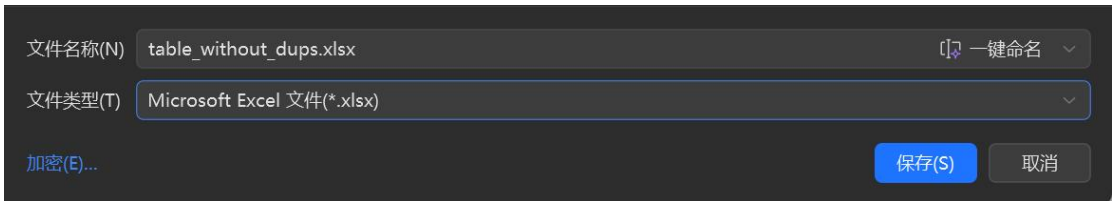
Step 5: Then the all the information will be shown in the plugin. As shown in the picture: Table Before Deduplicating, Table After Deduplicating, Repeats, and Remains.



Step 6: Edit your filename and export location. Then click the save button, the CSV file without duplications will be exported. **Don't forget to click Pulse last.**



Step 7: Finally, open the file in Excel, and save it as Microsoft Excel file (*.xlsx, *.xlx…). And you will get a clean document with no duplications.



Reminder:

You don't need to care about how many columns you have, just make sure each of them have a header, and there is a "title" header here.

Also, please briefly check by yourself manually after using the plugin, some unusual things may happen, for example:

1. The Spelling Mistakes
   - Efficient Machine leaning algorithms for sentiment analysis in Car rental sevice
   - Efficient Machine Leaning Algorithms for Sentiment Analysis In Car Rental Service

2. Character Encoding Dirty Data
   - A Situated Inspection of Autonomous Vehicle Acceptance¨CA Population Study in Virtual Reality
   - A Situated Inspection of Autonomous Vehicle Acceptance – A Population Study in Virtual Reality

3. Lack of A Word
   - How Should Automated Vehicles Communicate Critical Situations? A Comparative Analysis of Visualization Concepts
   - How Should Automated Vehicles Communicate Critical Situations? Comparative Analysis of Visualization Concepts

If you have DOI column, you could ignore these bugs, but still do remember to check by yourself after deduplication.

Any problems please contact neilfly0710@gmail.com, hope you are happy with that!