

Exact duplicates removed. Values preserved.

A small CSV example showing the source, cleaned result and changes. The agreed example rule removes repeated whole rows and keeps the first occurrence.

SOURCE ROWS

10

RETAINED ROWS

8

DUPLICATES REMOVED

2

BEFORE

Source row	ID	Item (quoted)	EUR
2	0001	" Maple pad "	10.25
3	0002	"Ink, blue"	5.50
4	0003	"Café label"	12.00
5	0004	"Folder"	0.00
6	0005	"Notebook"	21.75
7	0006	" Pencil "	3.50
8	0007	"Eraser"	1.00
9	0008	"Ruler"	2.00
10	0002	"Ink, blue"	5.50
11	0003	"Café label"	12.00

AFTER

Source row	ID	Item (quoted)	EUR
2	0001	" Maple pad "	10.25
3	0002	"Ink, blue"	5.50
4	0003	"Café label"	12.00
5	0004	"Folder"	0.00
6	0005	"Notebook"	21.75
7	0006	" Pencil "	3.50
8	0007	"Eraser"	1.00
9	0008	"Ruler"	2.00

TOTAL CHECK

EUR 73.50 - EUR 17.50 = EUR 56.00

Highlighted rows are removed. Source row numbers include the header as row 1. All amounts are EUR. Quotes show the item field boundaries; spaces inside them are retained exactly.

A clear record of every removal.

The cleaned file is accompanied by a change report so the result can be checked against the original.

REMOVED-ROW MAP

Removed source row	Matches retained source row	ID	Amount removed
10	3	0002	EUR 5.50
11	4	0003	EUR 12.00

CHECKED IN THIS EXAMPLE

- Row reconciliation

10 source rows = 8 retained rows + 2 removed rows.
- Value preservation

Every retained field matches its source value, including leading zeros, accents and spaces.
- Amount reconciliation

EUR 73.50 - (EUR 5.50 + EUR 12.00) = EUR 56.00.
- Original preserved

The source file is unchanged; the cleaned result is a separate CSV.

Scope matters. Identical rows can be legitimate repeated transactions. Removal needs an agreed rule. This demonstration covers exact whole-row matches only; it does not imply fuzzy matching, inferred values, an accounting audit or results for other files.