

01 / PROVEN SPREADSHEET CLEANING

Clean data. Clearer decisions.

An actual PhonixForge run on a fictional 100,000-row customer workbook.

100,000

INPUT ROWS

30

COLUMNS

5,000

EXACT DUPLICATES

218,500

WHITESPACE ISSUES

EXCEL WORKBOOK EXCERPTS

Values reproduced from the actual original and cleaned workbooks.

BEFORE / Original file

Customer ID	First name	Last name	Department
39506	·Elliot·	·Oakhurst·	
68577	Noor	·Jessup·	Finance
10750	Noor	Holloway	Marketing
16954	Blake	Ashford	Marketing

AFTER / Cleaned export

Customer ID	First name	Last name	Department
39506	Elliot	Oakhurst	
68577	Noor	Jessup	Finance
10750	Noor	Holloway	Marketing
16954	Blake	Ashford	Marketing

Dots (·) represent spaces in the original text; they are not literal spreadsheet characters.

RESULT

95,000 cleaned rows delivered; original workbook left unchanged.

Exact duplicate removal and text trimming. Missing values flagged, not filled.

02 / ACTUAL APPLICATION OUTPUT

See the process. Shape the solution.

A real cleaned-data preview from PhonixForge Studio, not a mockup.

Before & after

Rows before

100,000

Rows after

95,000

Rows removed

5,000

Cleaned preview (first 20 rows)

	customer_id	first_name	last_name	email	phone	company	job_title	department	street_address	city	state	postal_code
0	39506	Elliot	Oakhurst	elliott.oakhurst39506@harborlight.example	555-9949	Harborlight Retail	Sales Lead	None	9500 Oakhurst Street	Riverton	CO	96379
1	68577	Noor	Jessup	noor.jessup68577@granite.example	555-4467	Granite Peak Foods	Finance Lead	Finance	1968 Jessup Street	Riverton	GA	84136
2	10750	Noor	Holloway	noor.holloway10750@cobalt.example	555-6355	Cobalt Analytics	Sales Lead	Marketing	8550 Holloway Street	Maplewood	AZ	77089
3	16954	Blake	Ashford	blake.ashford16954@northwind.example	555-2732	Northwind Traders	Finance Lead	Marketing	8368 Ashford Street	Brookfield	TX	79584
4	70071	Parker	Lockhart	parker.lockhart70071@northwind.example	555-4777	Northwind Traders	Finance Lead	IT	8692 Lockhart Street	Crestline	AZ	32780
5	68496	Avery	Ashford	avery.ashford68496@cobalt.example	None	Cobalt Analytics	Operations Lead	Operations	1013 Ashford Street	Brookfield	WA	34509
6	13565	Marlowe	Kingsley	marlowe.kingsley13565@driftwood.example	555-6212	Driftwood Media	Operations Lead	Sales	9051 Kingsley Street	Crestline	MA	85043
7	31207	None	Jessup	blake.jessup31207@cobalt.example	555-6115	Cobalt Analytics	Sales Lead	Sales	4410 Jessup Street	Maplewood	OR	72487
8	62766	Marlowe	Jessup	marlowe.jessup62766@foxglove.example	555-9714	Foxglove Consulting	Sales Lead	Sales	2873 Jessup Street	Riverton	CA	66675

BEYOND THIS DEMONSTRATION

Your workflow is different. Your solution can be, too.

We can scope tailored validation rules, recurring reporting workflows, and new internal tools around your business needs. Custom capabilities are designed, quoted, and tested per project.

LET'S DISCUSS YOUR PROCESS

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