

Contact list comparison

Two fictional contact lists compared using Full Name only, with explicit normalization and a separate queue for uncertain rows.

6

Missing contacts

8

Rows for review

12

Matched name keys

The task

Find names present in one list but absent from the other. Preserve the original files and keep every unmatched output traceable to its source row.

Confirmed list differences

Full Name	Present in	Missing from
Harper Dale	A	B
Robin Field	A	B
Sage Brook	A	B
Sky Rowan	A	B
Blair Moss	B	A
Finley Oak	B	A

What was held for review

Six rows share duplicate normalized names; two rows have blank names. All eight are kept in `contacts_review.csv` rather than assigned identities or silently removed.

A matched name key is not proof of a person's identity. This example demonstrates list comparison, not identity verification.

Rules, checks and files

The supplied CSV files, configuration and unchanged Python processor make the calculation reproducible.

Matching rules

Key: Full Name only.
Normalization: trim surrounding whitespace, collapse repeated whitespace and casefold.
Uncertainty: hold all rows for any name duplicated in either list; hold blank names.
No fuzzy matching, accent removal or name-order changes.

Verification

Check	Result
Input rows accounted for	20 in A + 18 in B
Matched name keys	12 in both lists
Missing rows	4 only in A + 2 only in B
Review rows	4 from A + 4 from B
Original file hashes	Unchanged after processing
Independent expected results	PASS

Included files

inputs/list_a.csv and inputs/list_b.csv
outputs/missing_contacts.csv - six rows, with present/missing list flags.
outputs/contacts_review.csv - eight rows with review reasons.
config.json, verification.json and project README.md.

How to reproduce

Run the command in README.md from the package root. CSV processing needs Python 3.10+ and no additional packages; results go to a new folder.

Created with a local CrewAI Flow. Reproduce with the same Python calculation functions; no LLM or API call is required.