

CASE STUDY

Property Data & Identity Pipeline

Raw lists become enriched, verified owner records. Run it a hundred times, nothing duplicates.

— THE WORK

I built the ingestion and enrichment pipeline that turns raw property lists into verified, contactable owner records. Records flow in from county and listing sources, get enriched with ownership and contact data, skiptraced, and resolved to real identities. Thousands of identities resolved, every record tracked by stage in one console.

The unglamorous part is what makes it production-grade. Every import is idempotent, so re-running a batch never duplicates a contact or corrupts a record. Rows are validated on the way in, consent and do-not-disturb flags travel with the record through every downstream system, and each stage is visible at a glance so nothing fails silently.

— TECHNOLOGIES

REAPI

Supabase (PostgreSQL)

Vellum

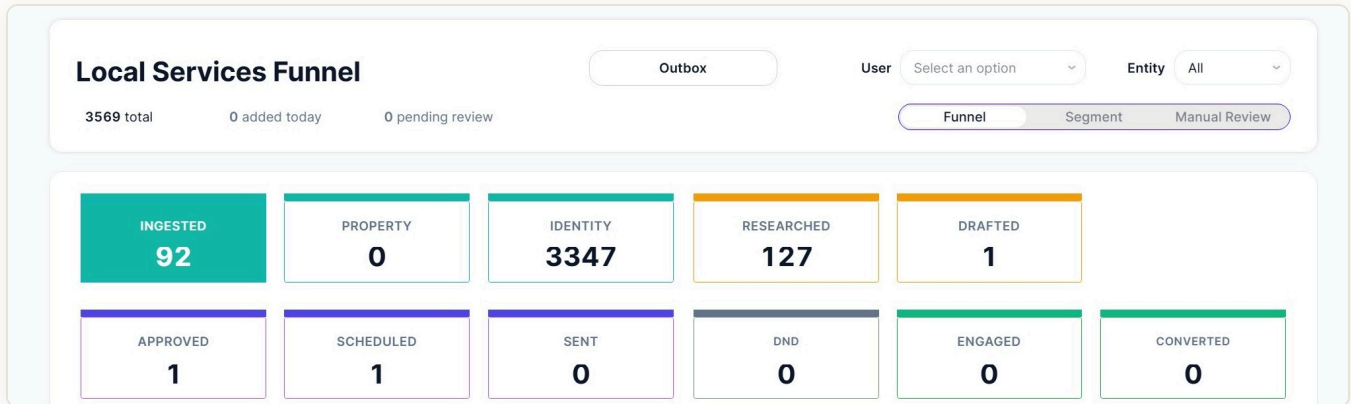
Retool

Python

— WHAT I TOOK AWAY

- ◆ Idempotency is the difference between a script and a system. Re-running must always be safe.
- ◆ Identity resolution is the real asset. Enriched, deduplicated records compound in value; raw lists rot.
- ◆ Validation at the door beats cleanup later. A pipeline that admits bad data corrupts everything downstream.

THE PIPELINE, LIVE



The pipeline live: 3,569 records ingested, 3,347 resolved to verified identities, every stage counted.

HOW A RECORD MOVES

