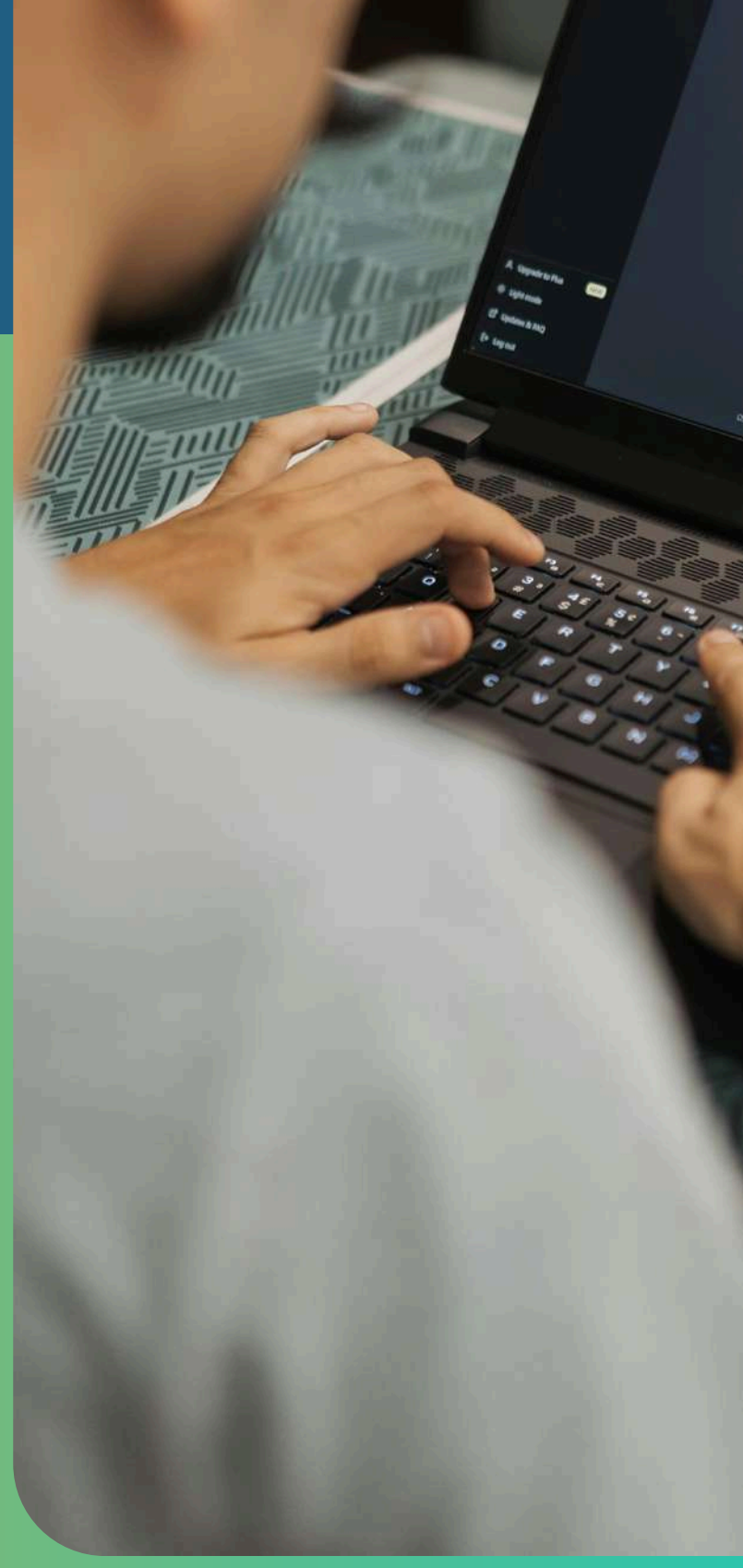
HOW TO AUTOMATE FLEET DECISIONS



Keep, Sell, or Inspect

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How to make fleet decisions?

“Keep, Sell, or Inspect”

Here’s how I turned messy spreadsheets into smart recommendations.

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The Problem

- Fleet management decisions were slow and subjective.
- Hundreds of trucks and multiple data sources.
- No unified way to decide which trucks to keep, sell, or inspect.

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The Data Chaos

6 disconnected Excel files, 6 different truths.

We need to change strategy without changing code.

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The Goal

A automated, daily-updated recommendation system.

Should we **KEEP** it, **SELL** it, or FLAG it for **INSPECTION**?

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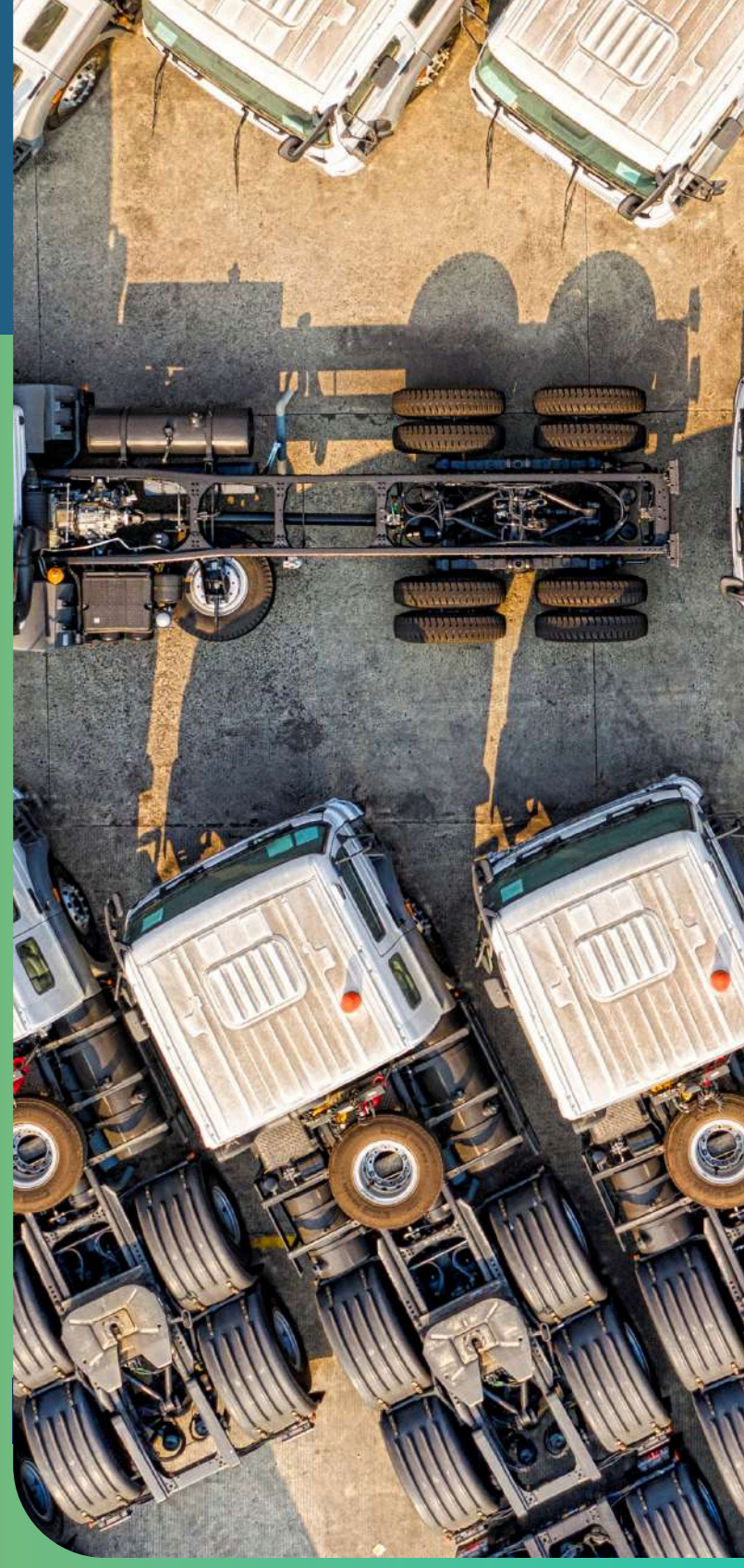
The Approach

Python + Pandas
+
Data Logic



A model that:

Cleans and merges all sheets

Calculates financial, operational, and mechanical metrics

Applies decision logic using adjustable thresholds

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Metrics and Decision Engine

Flow Example:
SELL → High mileage + High repair + Low usage + Resale ≥ Loan balance

KEEP → Active + Low repair + Resale < Loan balance

INSPECT → Borderline or missing data

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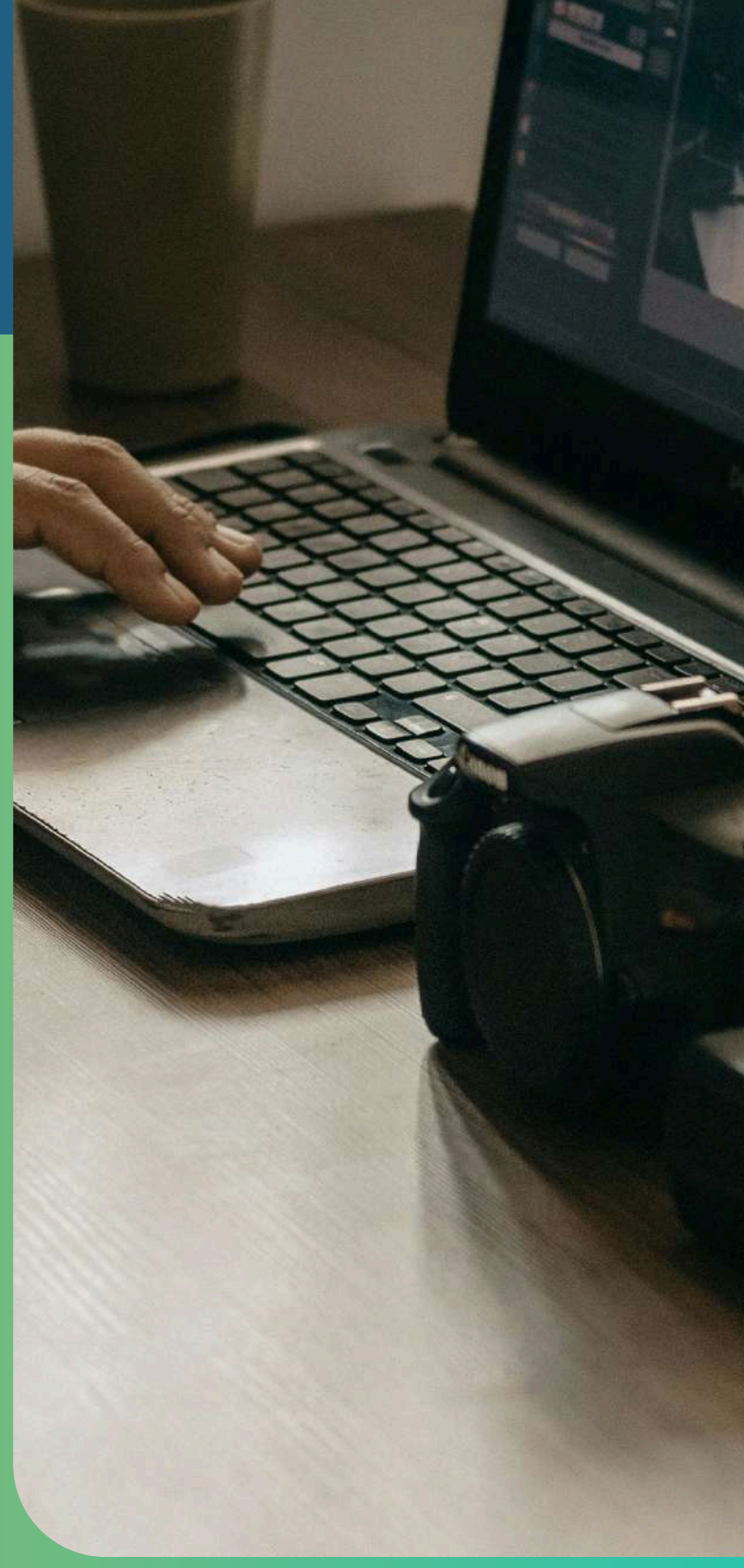
The Output



One clean table. One clear answer.

Smarter. Faster. Data-driven.

Want to do this for your fleet?

DM me or comment “**FLEET AI**”

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