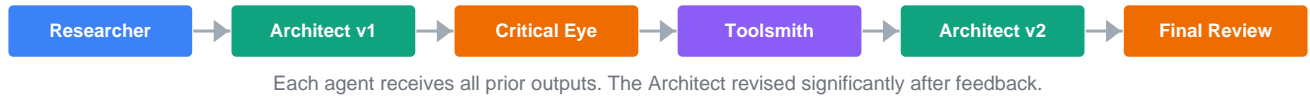# Challenge 2: Automate My Workflow
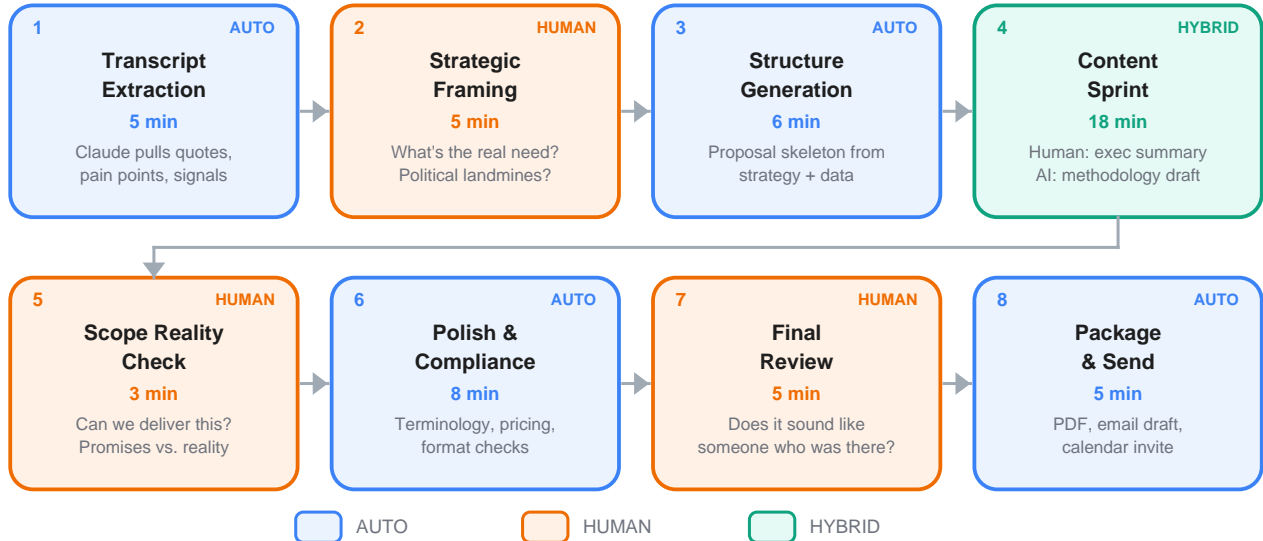
I didn't just design a workflow. I built an AI system that designs the workflow for you.

Anyone with Claude can sketch a transcript-to-proposal pipeline. The harder question: how do you know it's the right one? Where should a human be involved? What tools actually hold up under a 60-minute deadline? So instead of guessing, I built a multi-agent AI planner - four specialized agents that deliberate to design the optimal workflow. Then I ran it.

The Multi-Agent Deliberation

| Researcher | → | Architect v1 | → | Critical Eye | → | Toolsmith | → | Architect v2 | → | Final Review |

Each agent receives all prior outputs. The Architect revised significantly after feedback.

What They Designed: The 55-Minute Proposal Workflow

1 — AUTO
Transcript Extraction
5 min
Claude pulls quotes, pain points, signals

2 — HUMAN
Strategic Framing
5 min
What's the real need? Political landmines?

3 — AUTO
Structure Generation
6 min
Proposal skeleton from strategy + data

4 — HYBRID
Content Sprint
18 min
Human: exec summary
AI: methodology draft

5 — HUMAN
Scope Reality Check
3 min
Can we deliver this? Promises vs. reality

6 — AUTO
Polish & Compliance
8 min
Terminology, pricing, format checks

7 — HUMAN
Final Review
5 min
Does it sound like someone who was there?

8 — AUTO
Package & Send
5 min
PDF, email draft, calendar invite

AUTO | HUMAN | HYBRID

The Interesting Part

The Critical Eye agent kept stripping automation out. The Architect's first draft was almost fully automated. By v2, three steps had become human. Its argument: in transit consulting, misreading political subtext or overpromising scope doesn't just lose a deal - it damages the relationship permanently. The 13 minutes of human judgment aren't a bottleneck. They're the reason the proposal wins.

Tools used: Claude API (multi-agent system) | GitHub Copilot | Python + Streamlit

Prototype: https://github.com/YOUR_USERNAME/workflow-architect