

Automating YouTube Workflow with AI

Build an AI tool to automate your entire YouTube content pipeline.

Based on [I Built An Ai Tool That Automates My Entire Youtube Workflow Cursor Ai Coding Project](#) by Casey Builds It

Step 1: Identify a Repetitive Task

Start by identifying a small, repetitive task in your workflow that can be automated, like transcribing videos and generating descriptions.

- Begin with a single-purpose script.
- Focus on saving small amounts of time initially.



Step 2: Iterate and Expand Features

Once the initial task is automated, ask 'what else could this handle?' and gradually add more features to the tool.

- Automation pipelines grow feature by feature.
- Don't try to build everything at once.



Step 3: Implement Core Automation Features

Develop the tool to handle key post-production tasks: transcribing video, generating descriptions and comments, creating Shorts, writing blog posts, and scheduling content.

- Automate transcription, description generation, and Short creation.
- Integrate blog post generation and automatic scheduling.



Step 4: Integrate Video URL into Blog Posts

Ensure the tool can pull the YouTube URL of the published video and embed it directly into the generated blog post.



Step 5: Utilize AI-Assisted Coding Tools

Leverage AI coding assistants like Cursor AI to build the automation tool, even without a traditional coding background.

- Understand the problem you are solving.
- Be willing to iterate on your code.



Step 6: Calculate Time Investment vs. Savings

Compare the time spent building the automation tool against the ongoing time saved with each published piece of content.

- Focus on the long-term benefits of automation.
- The math improves with consistent content creation.



Step 7: Focus on Non-Creative Overhead

Prioritize automating repetitive, mechanical, and non-creative tasks to free up time for actual content creation and building.

- Automation removes logistical burdens.
- Spend more time creating and less time managing.

Resources & Further Reading

Related guides for this process:

■ AI Tool for Automated YouTube Workflow (Comparison)

<https://storage.googleapis.com/casey-builds-it-checklists-20260729-0c6048/casey-builds-it/Comparison/i-built-an-ai-tool-that-automates-my-entire-youtube-workflow-cursor-ai-coding-pr-comparison.pdf>

■ YouTube Workflow Automation Checklist

<https://storage.googleapis.com/casey-builds-it-checklists-20260731-e718c1/casey-builds-it/Checklist/youtube-workflow-automation-checklist.pdf>

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Automate repetitive tasks to maximize creative output and content production.