



Viral Video Script & Production Automation

Transform raw videos into polished scripts and production notes using N8N, GPT, and Gemini. A complete 3-phase automation workflow for content creators.

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What This Workflow Does



Analyze Videos

AI-powered content analysis using Gemini



Generate Scripts

Create 3 viral-ready script variations



Production Notes

Detailed filming and editing guides



Export PDFs

Beautiful, shareable documentation

Everything happens automatically once a form is submitted — no manual intervention required.

Phase 1: Video Analysis with Gemini

The Analysis Process

Form submission triggers the workflow via webhook. The system pulls the video file, allows processing time, then sends it to Gemini for deep analysis.

Gemini breaks down the video into actionable insights: transcript analysis, topic identification, tone assessment, viral hooks, and storytelling angles.

This foundation powers everything that follows in the automation pipeline.



Key Technical Components

01

HTTP Node: Video Upload

Configures headers for Gemini API with proper content type and length specifications

03

Analysis Request

Sends video to Gemini with custom Instagram analyst prompt

02

Wait Node: Buffer Time

Ensures video rendering completes before analysis begins

04

Extract Insights

Parses topics, hooks, and viral potential indicators

Phase 2: Script Generation

Claude 4 Sonnet transforms video analysis into three distinct viral script variations. Each script includes hook, problem setup, solution reveal, benefits, and clear call-to-action.



- 1 AI Agent Processing**
Claude receives analysis + user requirements (topic, format, brand voice, audience)
- 2 Script Cleanup**
Code node removes AI fluff and formatting artifacts
- 3 HTML Conversion**
Markdown transformed to structured HTML with proper document headers

Script Structure Breakdown



Hook (0-3 sec)

Attention-grabbing opening to stop scrolling

Problem Setup (3-15 sec)

Establish pain point or challenge

Solution Reveal (15-45 sec)

Demonstrate value clearly

Benefits (45-55 sec)

Quick wins that drive saves

CTA (55-60 sec)

Specific engagement request

Each script includes text overlays, visual direction, hashtag strategy, and viral prediction score.

Beautiful PDF Generation

CSS Styling Magic

Professional typography with Inter and JetBrains Mono fonts

Gradient headers and modern color schemes

Enhanced code blocks with syntax highlighting

Responsive blockquotes and elegant lists

Print-optimized for perfect exports



Phase 3: Production Notes

GPT-4o generates comprehensive filming guides that transform scripts into actionable production plans.



Mobile Setup

Equipment recommendations, camera settings, resolution optimization for Instagram Reels



Shot-by-Shot Guide

Camera angles, lighting setup, background props, talent direction



Text Strategy

Overlay timing, font styles, animations, mobile positioning



Audio Planning

Trending audio, voiceover tips, mixing levels, silent optimization



Complete Tech Stack

N8N

Core workflow automation engine orchestrating the entire process

Claude 4 Sonnet

Script and production notes generation via OpenRouter

Gemini Pro

Advanced video content analysis and transcription

pdfShift API

HTML-to-PDF conversion for professional exports

This powerful combination enables fully automated video-to-script-to-production workflows at scale.

Expand Your Possibilities

Beyond Viral Scripts

This automation framework adapts to multiple content workflows:

- Convert podcasts into social media clips
- Repurpose webinars into lead magnets
- Generate tweet threads from interviews
- Create Instagram captions from blog posts

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