The Ultimate Guide to Automating Video Creation with AI & Make.com

Creating engaging video content can be time-consuming, but with Make.com, AI tools, and automation, you can generate high-quality videos with minimal effort. This guide walks you through automating the process of turning YouTube quotes into fully produced videos—hands-free!

by AiConnect Solutions

Tools You Need

Make.com

The automation hub connecting all services.

YouTube Transcript Extractor

To get captions from YouTube (YouTube Transcript API, Otter.ai, SimonSays.ai).

Google Sheets/Airtable

To store and organize extracted quotes.

ChatGPT API

To analyze the transcript and extract key quotes.

11 Labs API

To generate AI-powered voiceovers.

JSON2Video

To assemble videos using text, voiceovers, and templates.

(Optional: Canva or Kapwing for additional styling, Pexels API/Unsplash API for stock backgrounds, or DALL·E for AI-generated visuals.)

Step-by-Step Workflow in Make.com

Extract the YouTube Transcript

Use a YouTube transcript extractor tool to obtain captions from a video. Save the transcript in Google Sheets/Airtable for easy processing.

Process the Transcript in ChatGPT

Automate a ChatGPT API request in Make.com to extract the best quotes. Store the formatted quotes in Google Sheets/Airtable.

Convert Quotes into AI Voiceovers (11 Labs API)

Set up Make.com to trigger 11 Labs API for voiceover generation. Save the generated audio files in Google Drive.

Generate the Video with JSON2Video

JSON2Video receives: Quotes (text input), AI voiceovers (audio input), a pre-made video template (backgrounds, captions, animations). JSON2Video renders a final video file automatically.

Store & Automate Uploads

The finished video is uploaded to Google Drive for review. (Optional) Automate posting to YouTube, Instagram, or TikTok using Make.com.

Advanced Customization Options

Canva/Kapwing

For additional design elements.

Pexels API/Unsplash API

For stock video backgrounds.

DALL·E or Leonardo AI

For AI-generated visuals.

Final Thoughts

By leveraging Make.com, ChatGPT, 11 Labs, and JSON2Video, you can fully automate video content creation, saving time and scaling your production effortlessly. Experiment with different workflows and templates to make your automation unique to your brand.

🚀 Start automating today with Make.com!