

■ Motivational AI Agent (n8n Workflow)

An automated AI agent built with n8n that generates motivational posters using AI-generated images and inspirational quotes, then automatically uploads them to Google Drive and logs them in a Google Sheet.

Overview

The Motivational AI Agent automatically fetches motivational quotes, creates AI-generated posters, uploads them to Google Drive, and saves the image links to a Google Sheet.

Workflow Structure

1. Schedule Trigger – runs automatically on schedule
2. Get Random Quote – reads random quote from Google Sheet
3. Pick Random Quote – selects one quote
4. Build Poster Prompt – constructs AI prompt
5. Generate Image (Pollinations) – generates poster
6. Upload to Google Drive – uploads generated image
7. Build Drive Link – creates shareable link
8. Save Image Link to Sheet – saves back to sheet
9. End – completes workflow

Technologies Used

- n8n (automation engine)
- Google Sheets (data source)
- Google Drive (file storage)
- Pollinations / Gemini API (AI image generation)
- JavaScript (prompt building)

Setup Instructions

1. Connect Google Sheets and Drive to n8n.
2. Create a Google Sheet with 'Quote' and 'Author' columns.
3. Add Pollinations or Gemini API key in the image generation node.
4. Configure schedule for automation.
5. Test the workflow once to verify uploads and links.

Example Output

Quote: 'Dream big and dare to fail.'

Author: Norman Vaughan

Poster Link: <https://drive.google.com/your-poster-link>

Future Improvements

- Auto-post to Twitter or Instagram
- Add AI background music for video posters
- Email daily poster to users
- Store generated data in Notion or Airtable

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Built with n8n, Pollinations, and Google Cloud integrations.