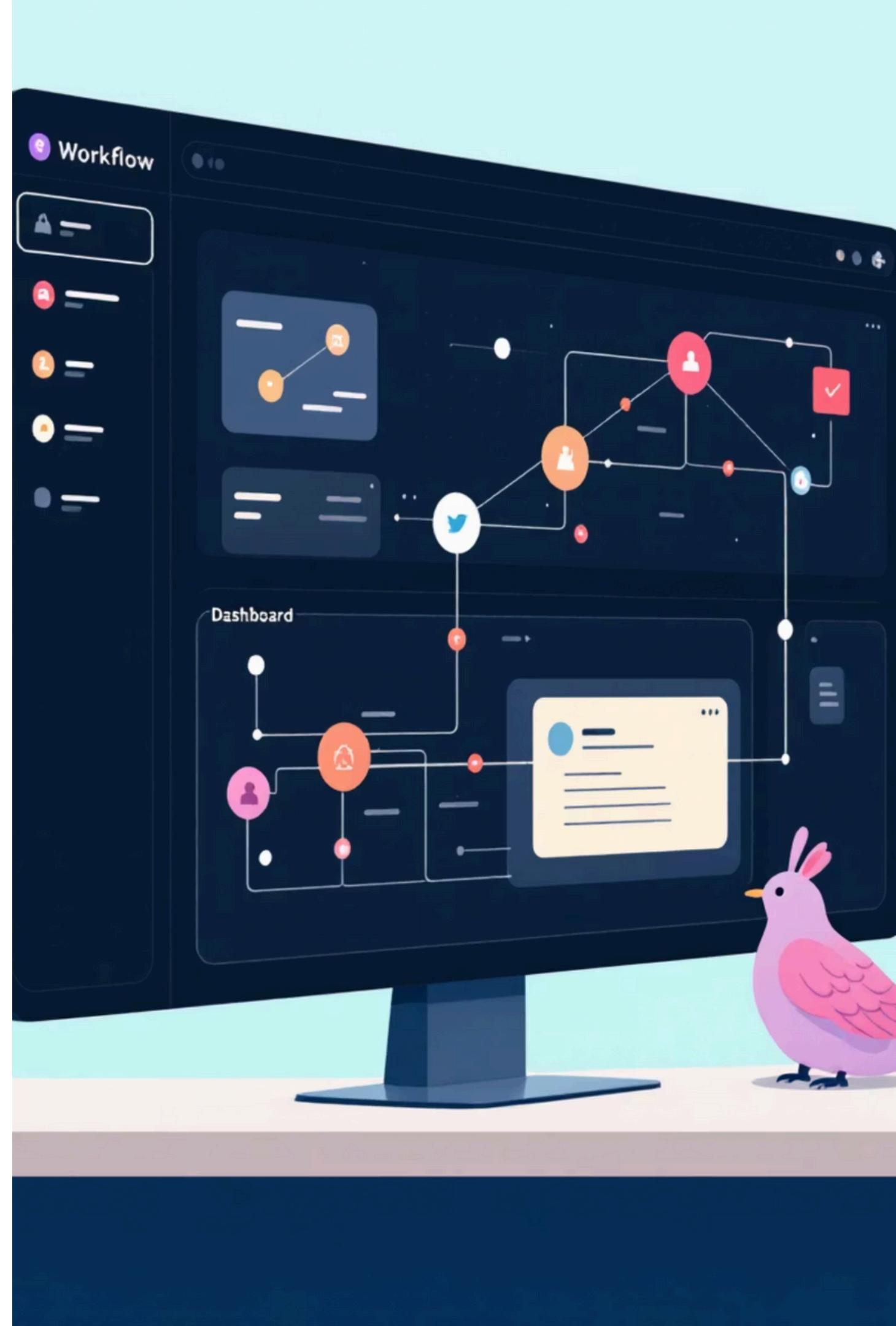




Building a Smart Workflow with n8n

From Form to AI Poem - A Complete Automation Journey!

Created by Chinmay Kaitade
MERN Stack Developer | AI Enthusiast





Today's Achievement

Smart Form Processing

Automated user input collection
with intelligent routing

Database Integration

Seamless Airtable record creation
and updates

AI-Powered Creativity

Google Gemini generating
personalized funny poems

Successfully built an end-to-end workflow that combines data processing with creative AI output!

Created by Chinmay Kaitade

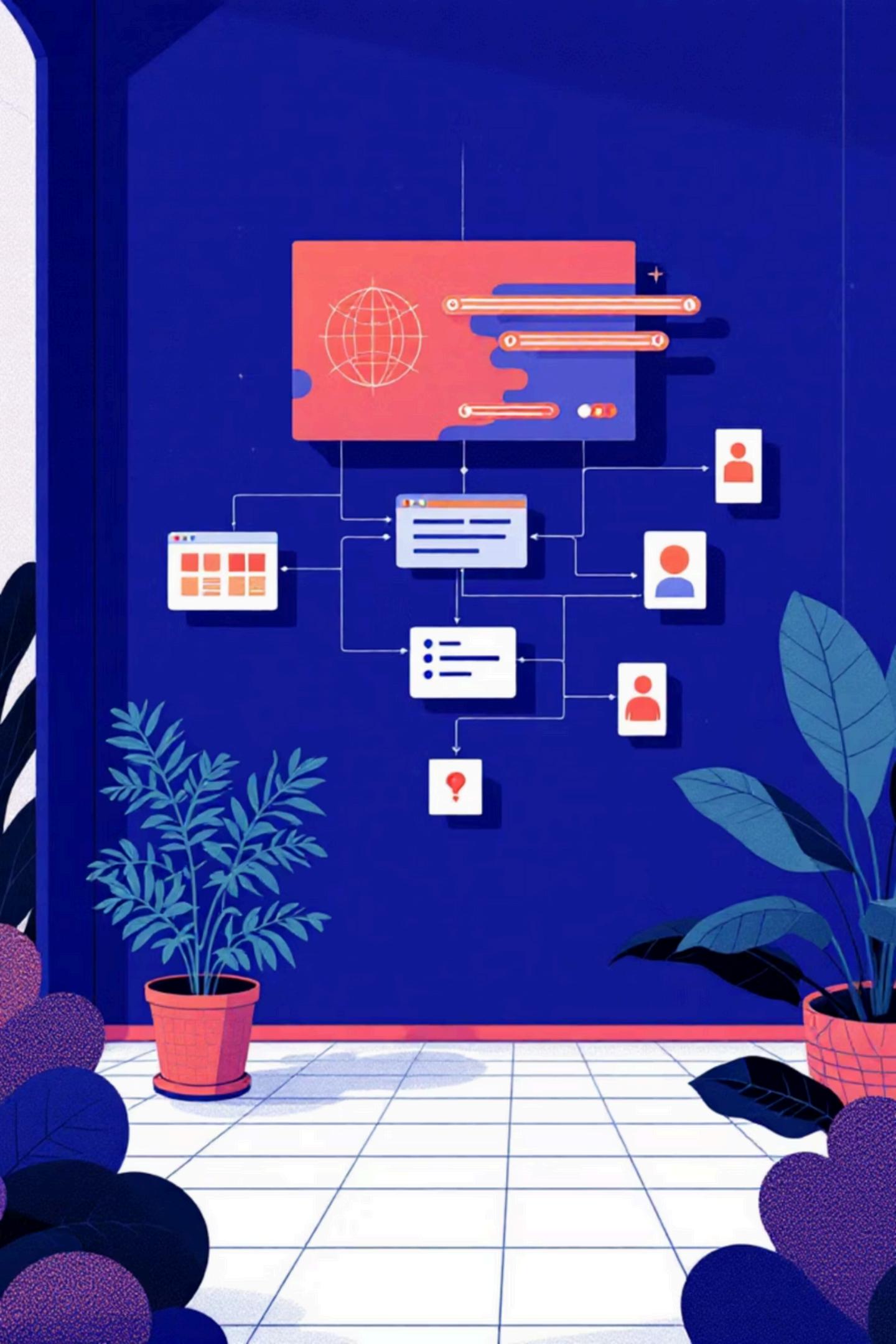
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Workflow Overview

The complete automation flow: Form submission triggers database updates, intelligent routing, and AI-powered poem generation - all working together seamlessly!

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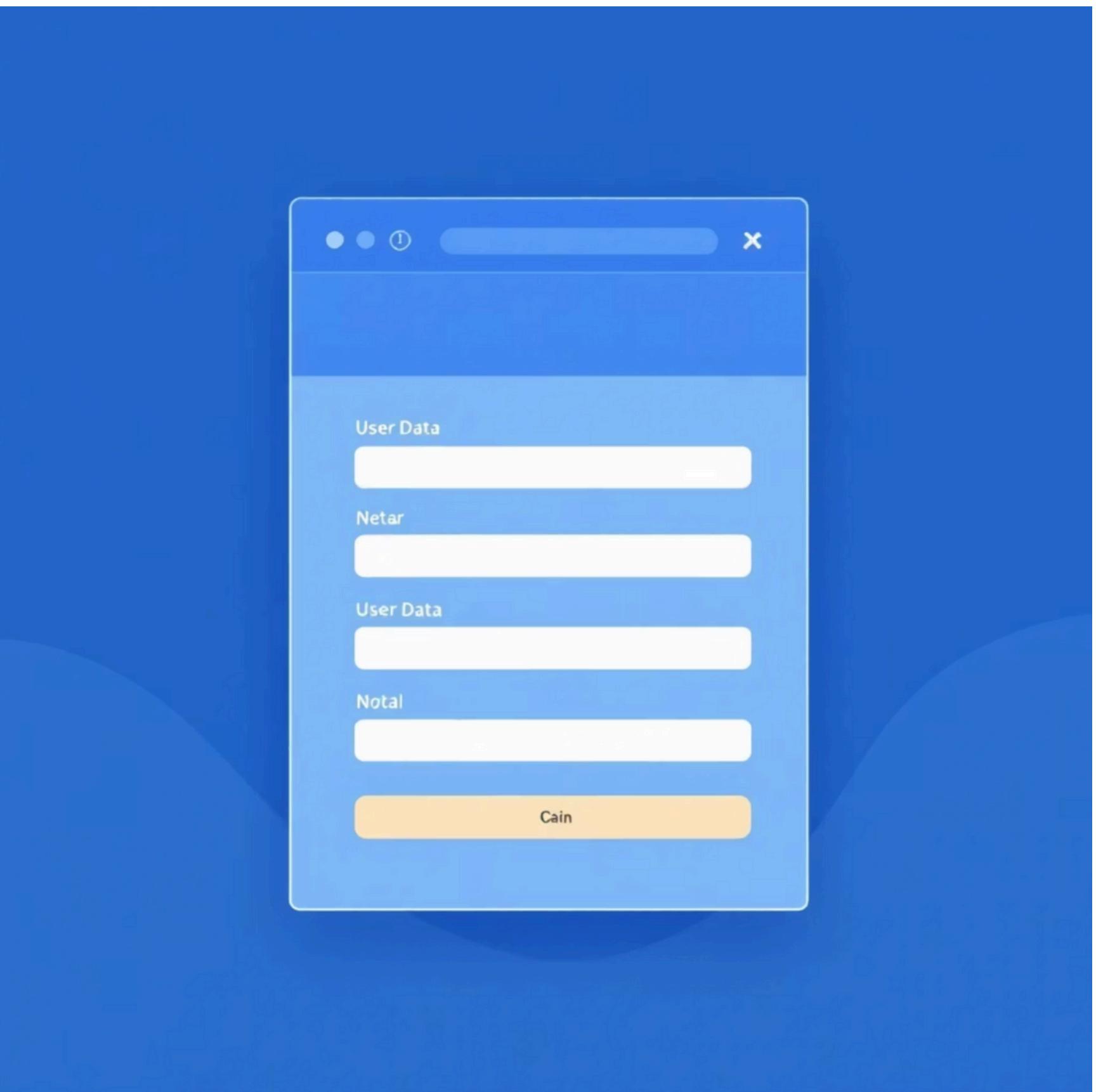


Step 1: Form Submission Trigger

The Starting Point

Every great automation begins with a trigger! The "On Form Submission" node acts as our workflow's ignition switch.

- Captures name, looks, and profession
- Instantly activates the entire process
- Zero manual intervention required





Step 2: Airtable Integration

01

Immediate Data Storage

Form data flows directly into Airtable, creating a permanent record of every submission

02

Structured Database

All user information organized in clean, searchable database format

03

Real-time Updates

Records get enhanced with ratings and AI-generated content automatically

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Step 3: Smart Decision Making

The Switch node acts as our intelligent traffic controller, analyzing profession data and routing each submission down the perfect path!



Video Editor

Creative path

AI Manager

Tech leadership path

Developer

Engineering path

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★ Step 4: Profession-Based Rating

Dynamic Rating Assignment

Each profession gets its unique rating path, automatically assigning relevant scores and metadata based on the user's field.

- Video Editors get creativity scores
- Developers receive technical ratings
- AI Managers get innovation metrics
- All ratings update Airtable instantly





🧠 Step 5: AI Magic with Google Gemini

"The real magic happens when Google Gemini transforms boring form data into personalized, hilarious two-line poems!"

The AI Agent takes user details and crafts unique, funny poems tailored to each person's profession and characteristics. It's like having a digital poet on your team!

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Key Learnings Unlocked

Conditional Logic Mastery

Learned to build intelligent decision trees using Switch nodes for dynamic workflow routing based on user data.



Seamless Database Integration

Mastered Airtable connections for real-time record creation and updates within automated workflows.



AI Agent Implementation

Successfully integrated Google Gemini for creative content generation, turning data into personalized poems.



End-to-End Automation

Built complete systems that handle user input, process data intelligently, and deliver creative outputs automatically.

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👋 Let's Connect and Build Together!

Follow my daily AI learning journey and let's explore automation together!



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