

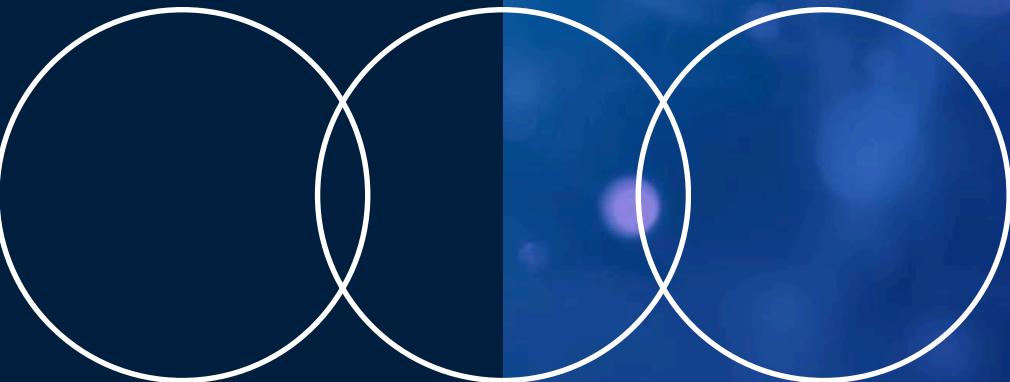
N8N: The Workflow Automation Tool for the AI Age

Open-Source • Self-Hostable • AI-Ready

Streamline Your Software Engineering

Processes

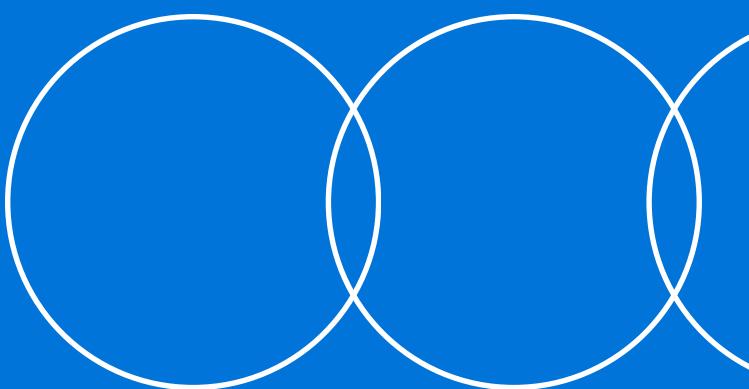
November 10, 2025



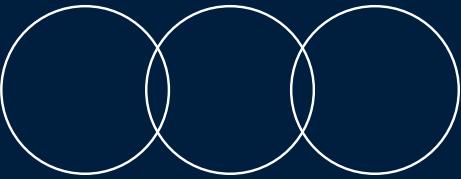
What is N8N?

A Powerful Automation Tool

It is an **open-source no-code/low-code** workflow automation platform that enables users to easily connect different applications and services to automate repetitive tasks without needing to write code. For more complex or custom automations, code can optionally be implemented to extend functionality.



Core Features



Empowering Your Workflows

Visual Workflow Editor

- Drag-and-drop node connections
- Real-time execution preview
- Test individual steps without running entire workflow

Integrations

- 400+ pre-built integrations
- Connect: Slack, Gmail, Trello, Stripe, Notion, Salesforce, HubSpot, etc.
- HTTP Request node for any API

Logic & Control

- IF/ELSE conditions
- Loops and iterations
- Data transformation
- Error handling with optional branches

Use Cases

Automation & Data Management

- Automate group project coordination by syncing task assignments from Discord to Google Sheets
- Automatically upload Internship pictures from Telegram group chat to Google Drive.
- Aggregate research data from multiple academic databases into one organized spreadsheet

Data Processing

- Collect and transform survey data from Google Forms for thesis research
- Automatically generate weekly progress reports and email them to thesis advisors
- Sync job application status across multiple platforms (LinkedIn, Handshake, company portals)



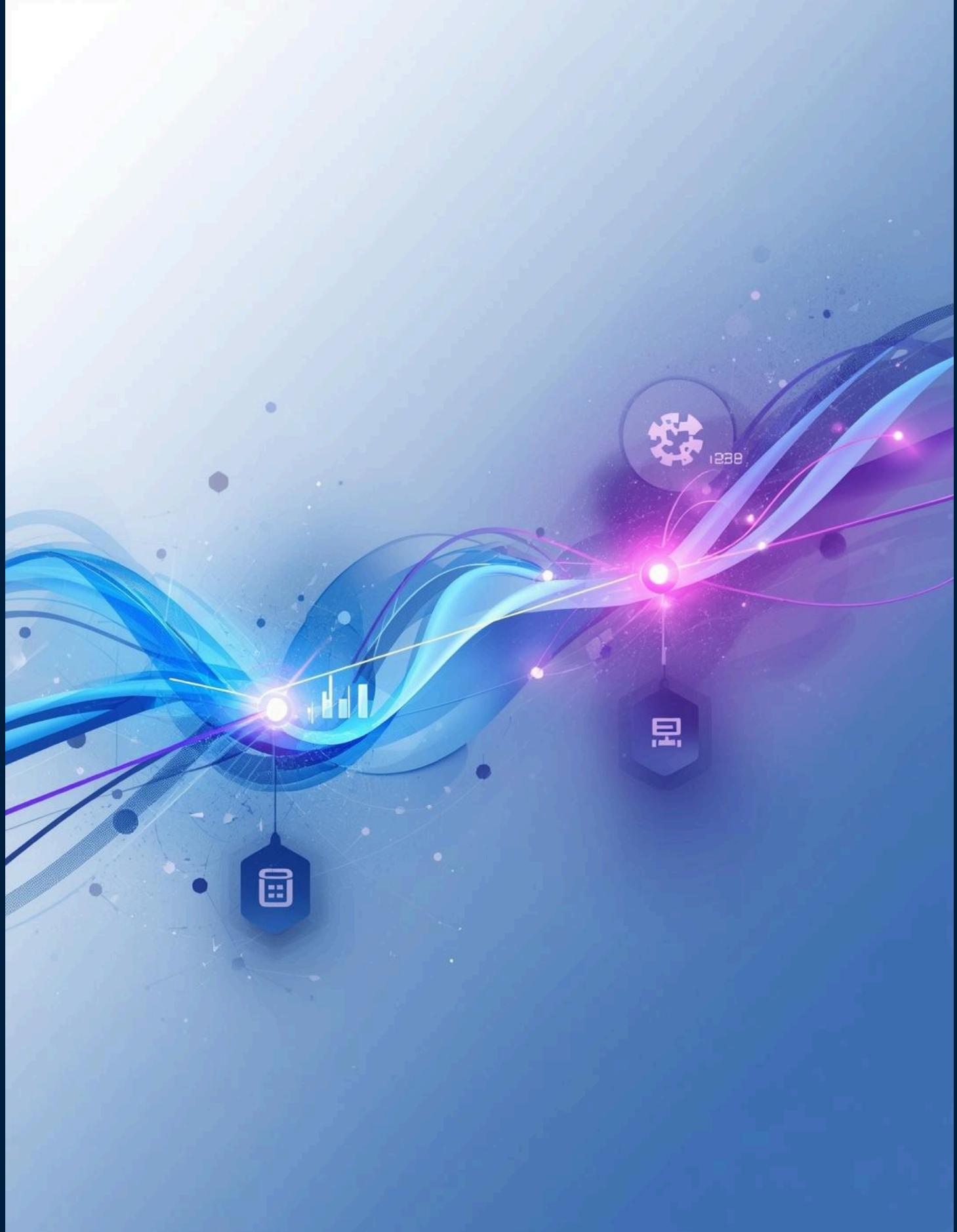
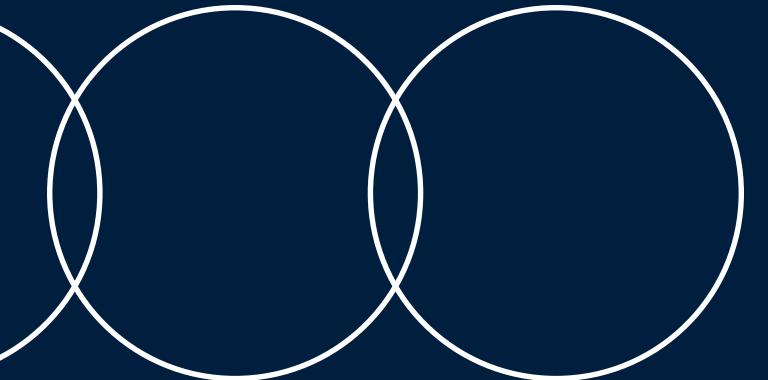
Who can use N8N?

Perfect For:

- **Developers & Technical Teams** - Need code-level control
- **Growing Startups** - Want to scale without per-user fees
- **Data-Conscious Organizations** - Require on-premises deployment
- **AI-Focused Teams** - Building LLM-powered workflows
- **Cost-Sensitive Businesses** - High automation volume



Easy Way to Get Started



The screenshot shows the n8n interface, a visual workflow builder. The main area displays a single node labeled "Respond to Webhook". The top navigation bar includes tabs for "Editor", "Executions", and "Evaluations", along with status indicators like "Inactive", "Save", and "Share". The sidebar on the left contains links for "Overview", "Personal", "Templates" (which is highlighted with a large white arrow pointing to it), "Variables", "Insights", "Help", "What's New", and a user profile for "Jose Andrei Fa...". A red button at the bottom of the sidebar says "Execute workflow from Webhook". The logs section below the button indicates "Nothing to display yet. Execute the workflow to see execution logs."



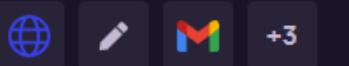
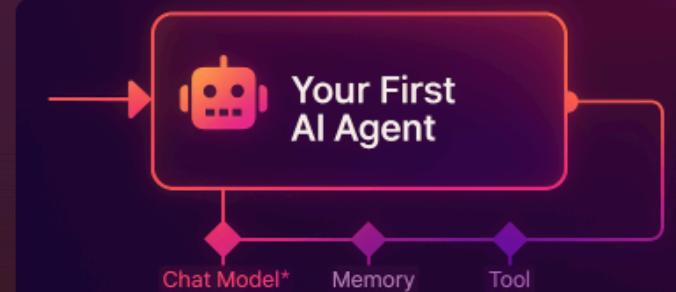
Pre-made Workflow Templates

Newcomer essentials: learn by doing



Build Your First AI Agent

Lucas Peyrin



Learn n8n Basics in 3 Easy Steps ✨

Miha



Personal Life Manager with Telegram, Google Services & Voice-Enabled AI

Derek Cheung



Talk to Your Google Sheets Using ChatGPT-5

Robert Breen



Generate AI Viral Videos with VEO 3 and Upload to TikTok

Dr. Firas



Learn JSON Basics with an Interactive Step-by-Step Tutorial for Beginners

Lucas Peyrin



Learn Code Node (JavaScript) with an Interactive Hands-On Tutorial

Lucas Peyrin

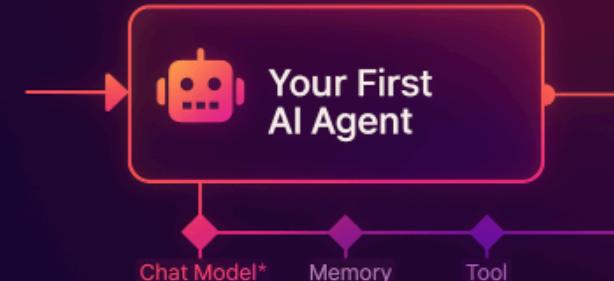
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Personal Life Manager with Telegram, Google Services & Voice-Enabled AI



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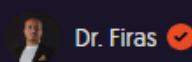
Talk to Your Google Sheets Using ChatGPT-5



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Learn JSON Basics with an Interactive Step-by-Step Tutorial for Beginners



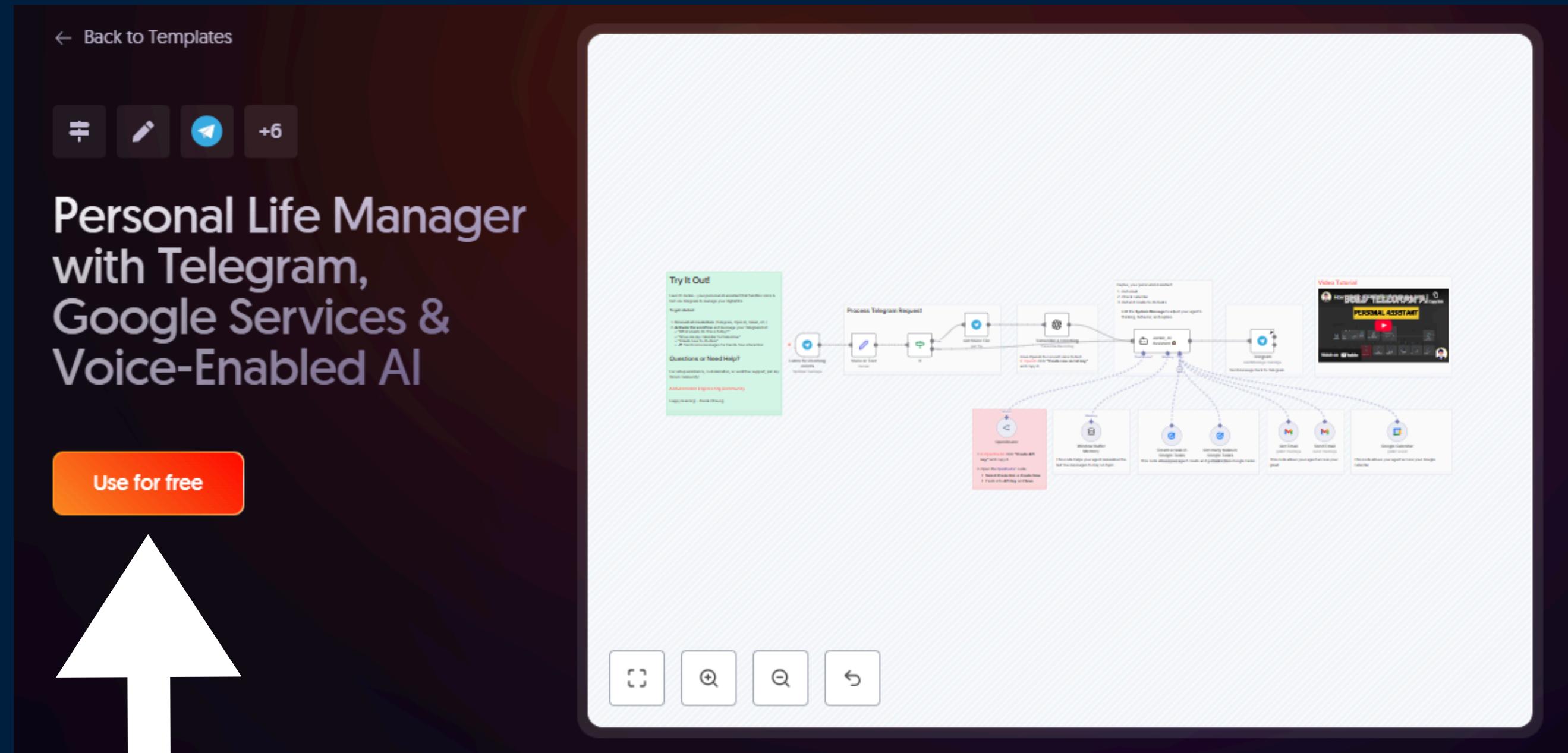
Lucas Peyrin ✓



Learn Code Node (JavaScript) with an Interactive Hands-On Tutorial



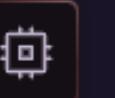
Lucas Peyrin ✓



Use template

X

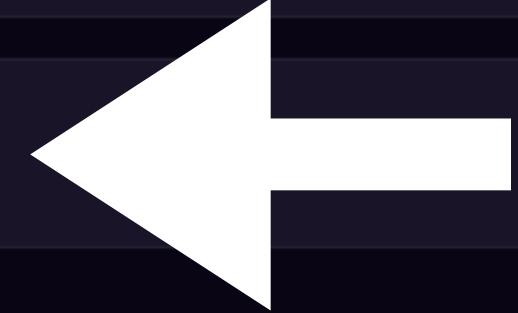
Import to an n8n destination



Import template to **localhost:5678** self-hosted instance



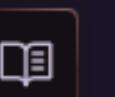
Copy template to clipboard [JSON]



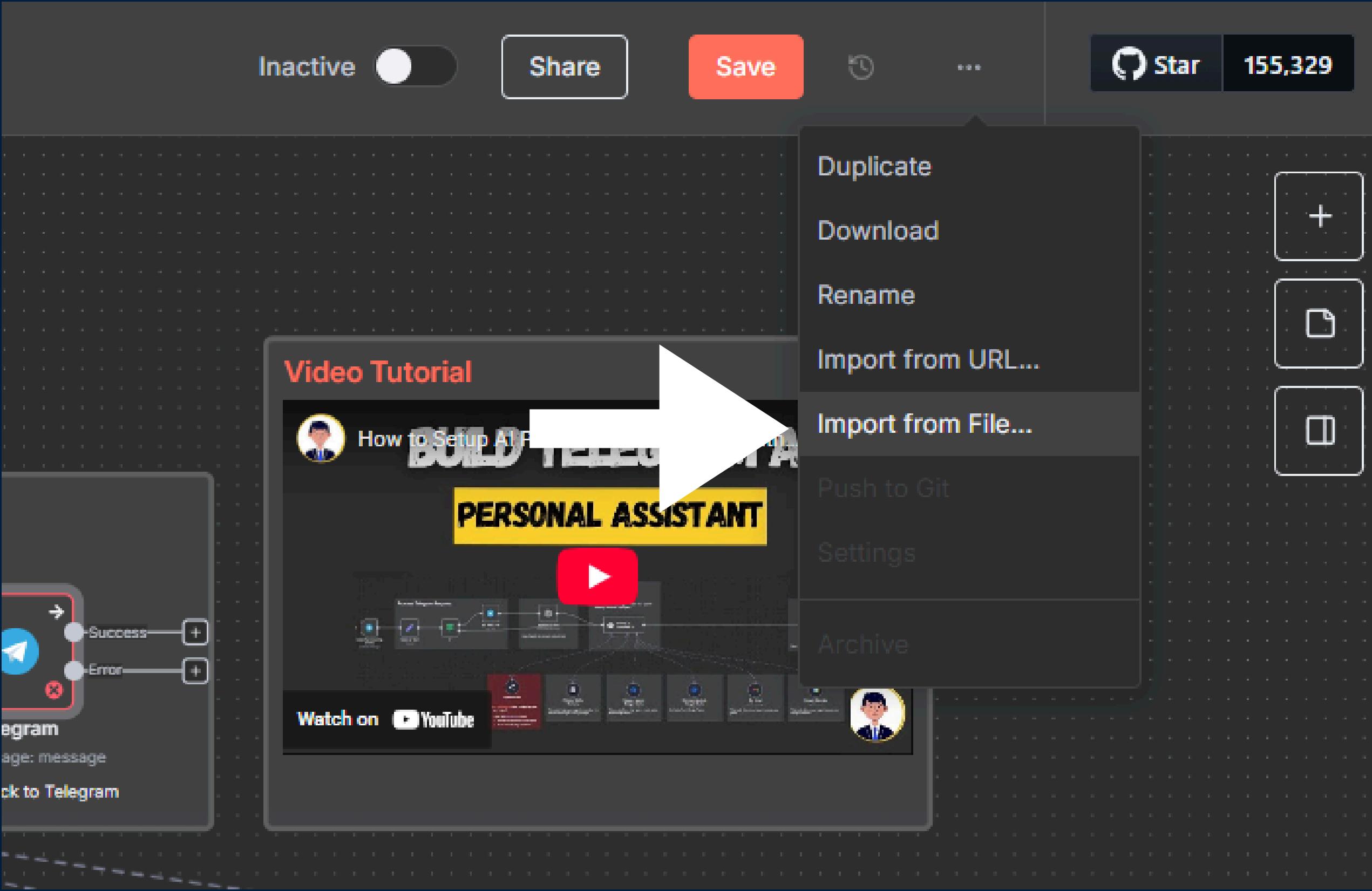
Get started with n8n



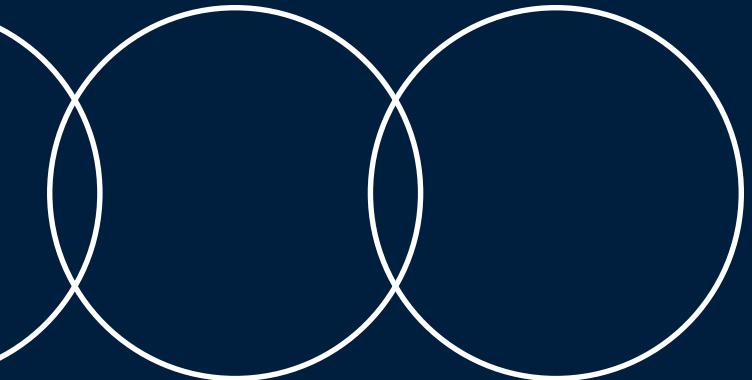
Get started free with n8n cloud



Open self-hosting installation docs



IMPORTANT NODES



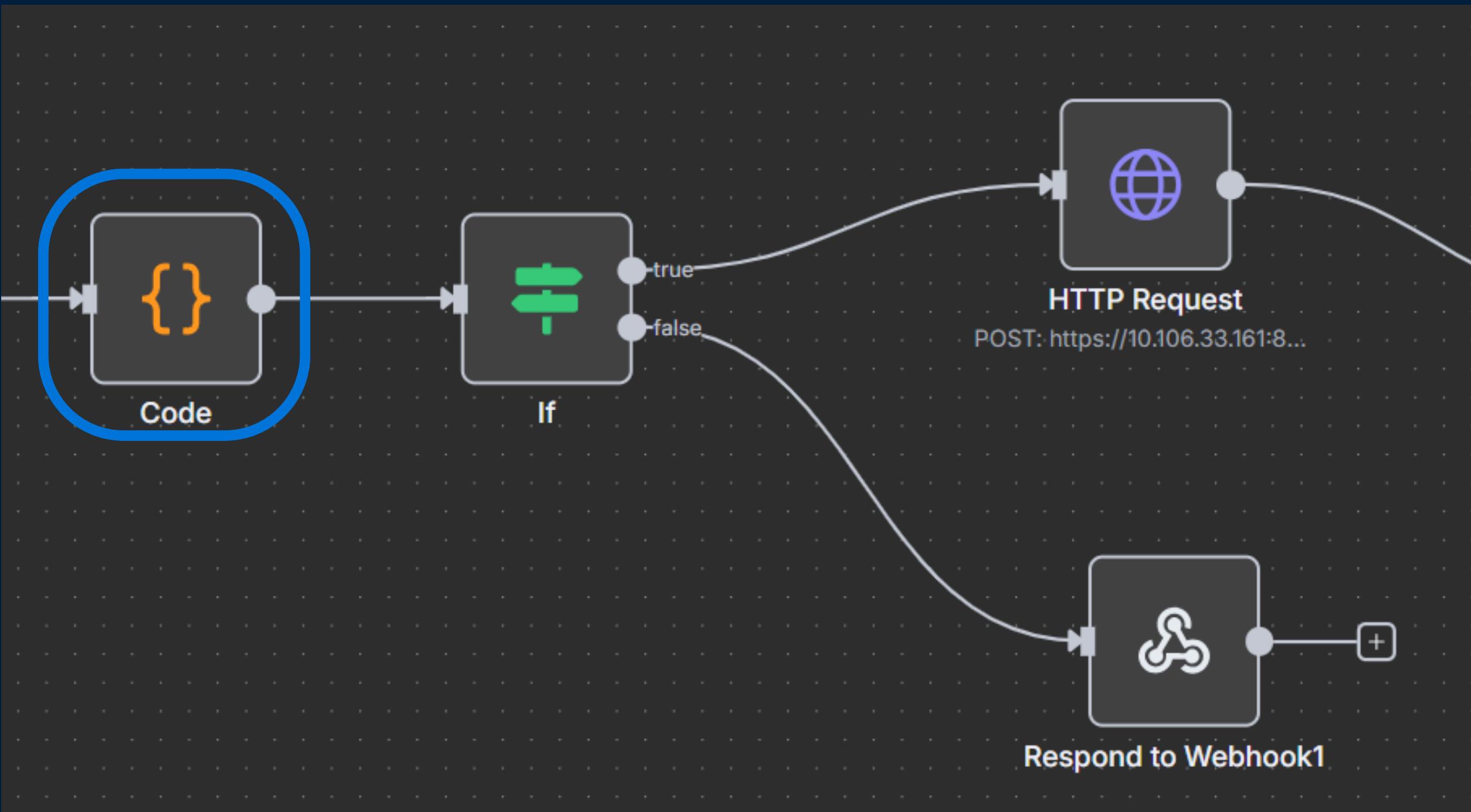
Trigger Nodes

- Trigger manually**
Runs the flow on clicking a button in n8n. Good for getting started quickly
- On app event**
Runs the flow when something happens in an app like Telegram, Notion or Airtable
- On a schedule**
Runs the flow every day, hour, or custom interval
- On webhook call**
Runs the flow on receiving an HTTP request

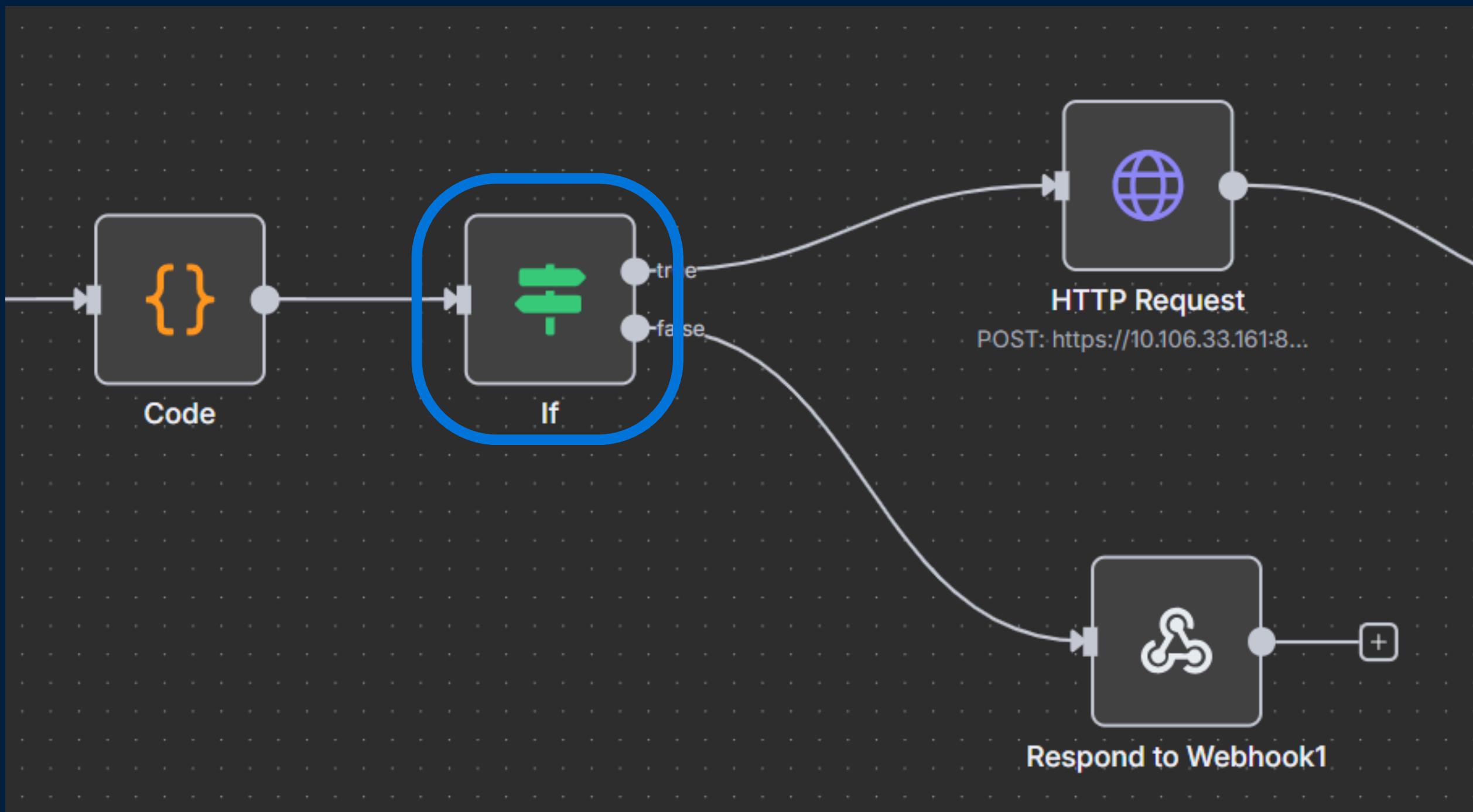
- On form submission**
Generate webforms in n8n and pass their responses to the workflow
- When executed by another workflow**
Runs the flow when called by the Execute Workflow node from a different workflow
- On chat message**
Runs the flow when a user sends a chat message. For use with AI nodes
- When running evaluation**
Run a dataset through your workflow to test performance



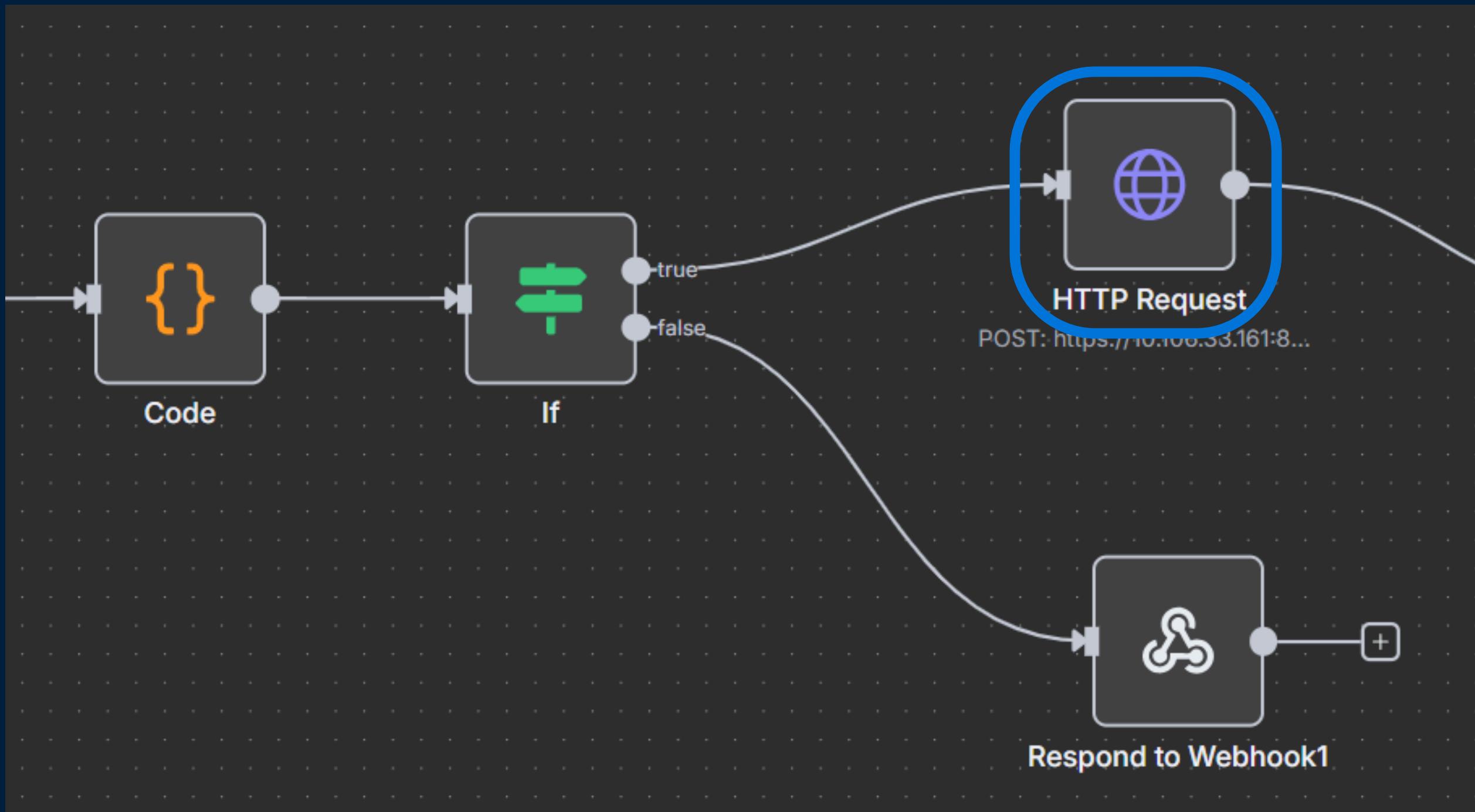
Code Node



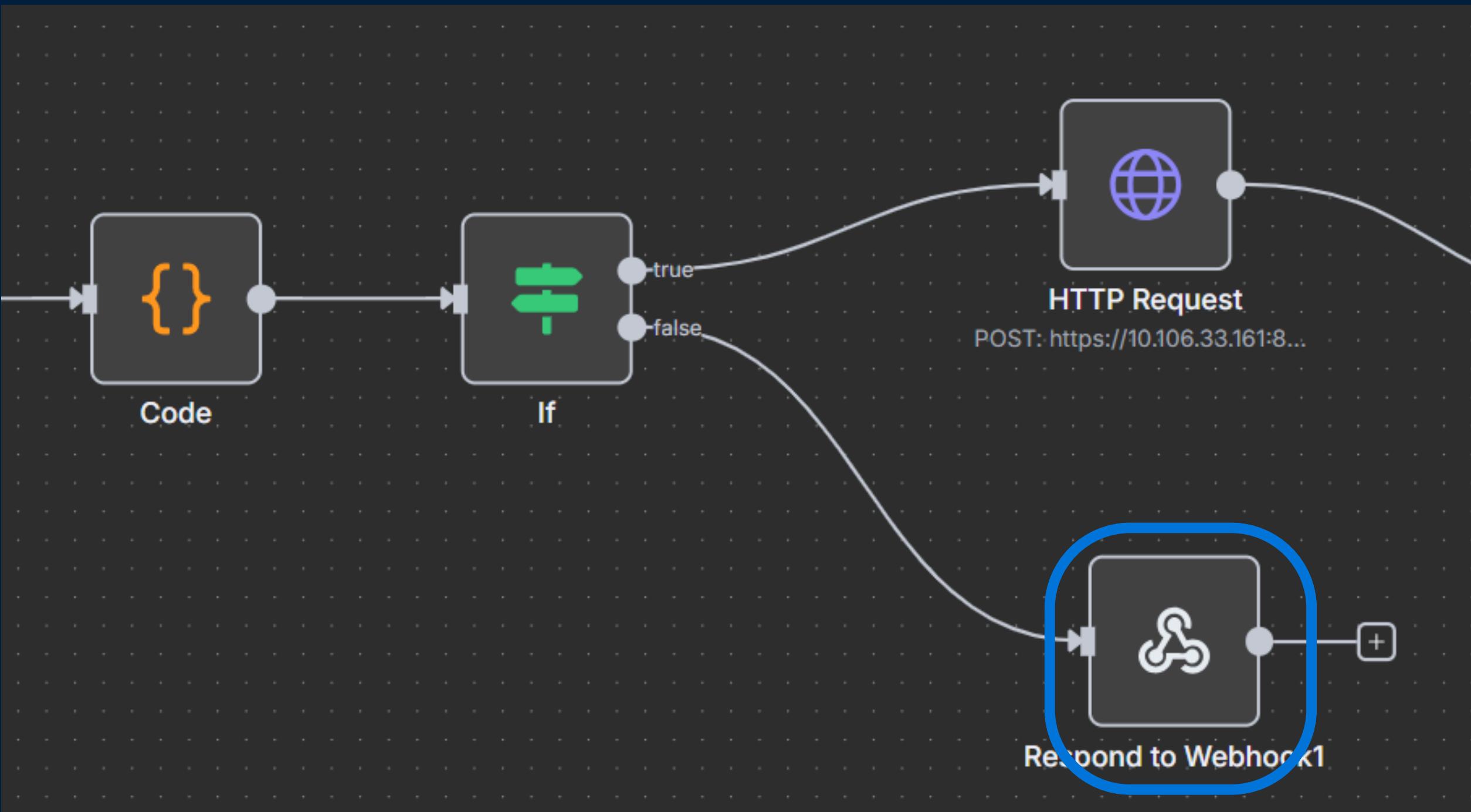
If Node



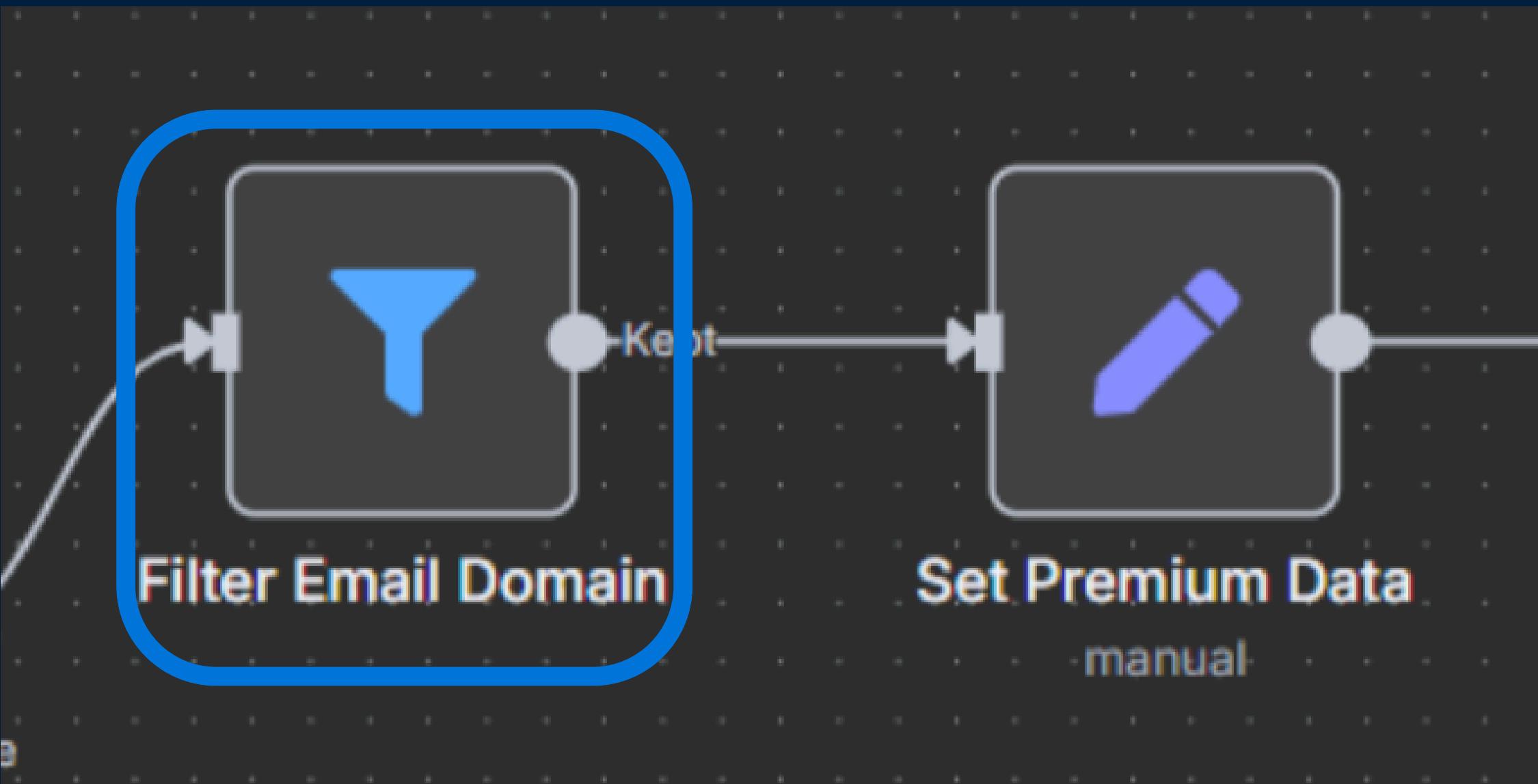
HTTP Request



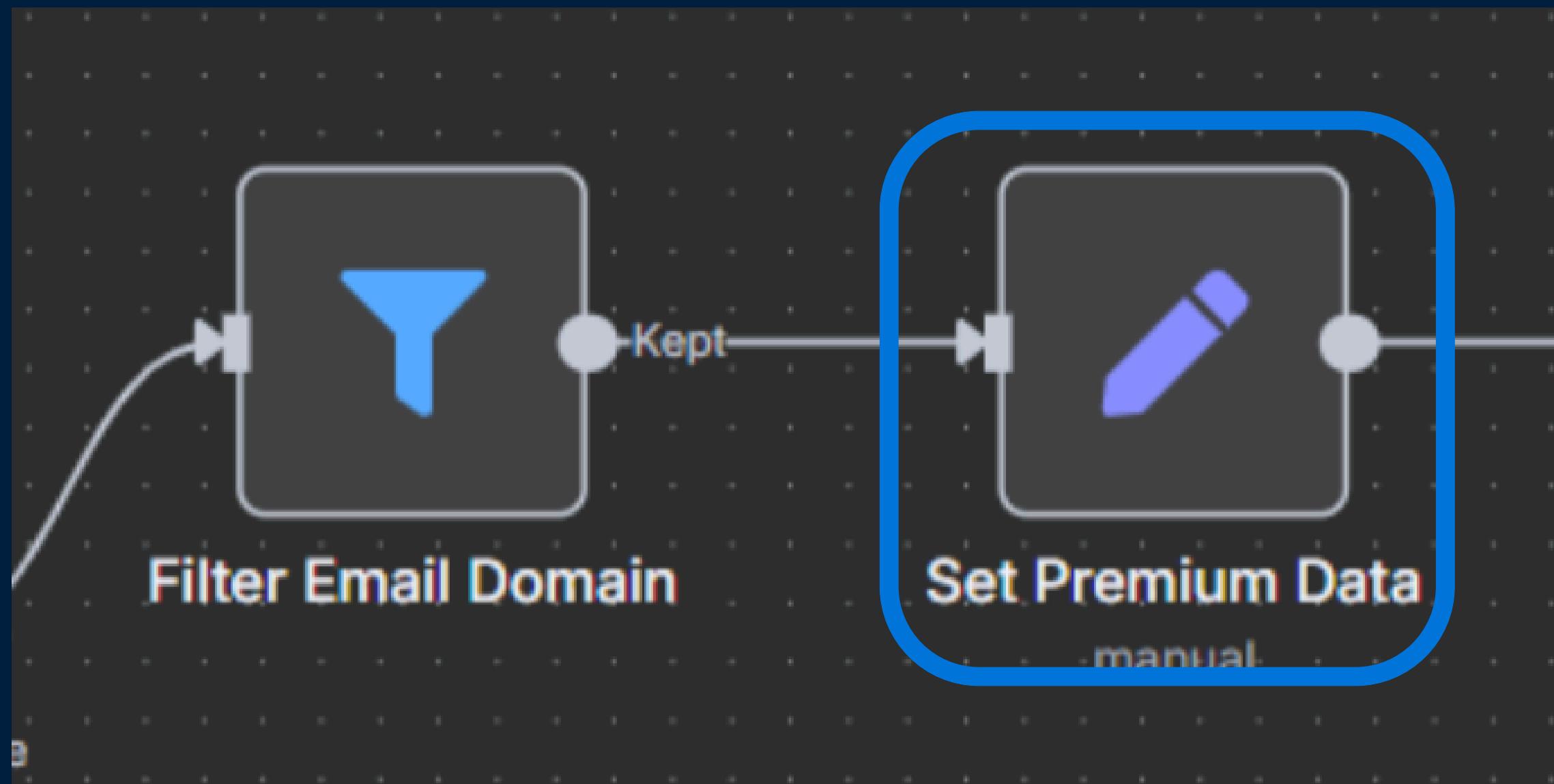
Respond to Webhook Node



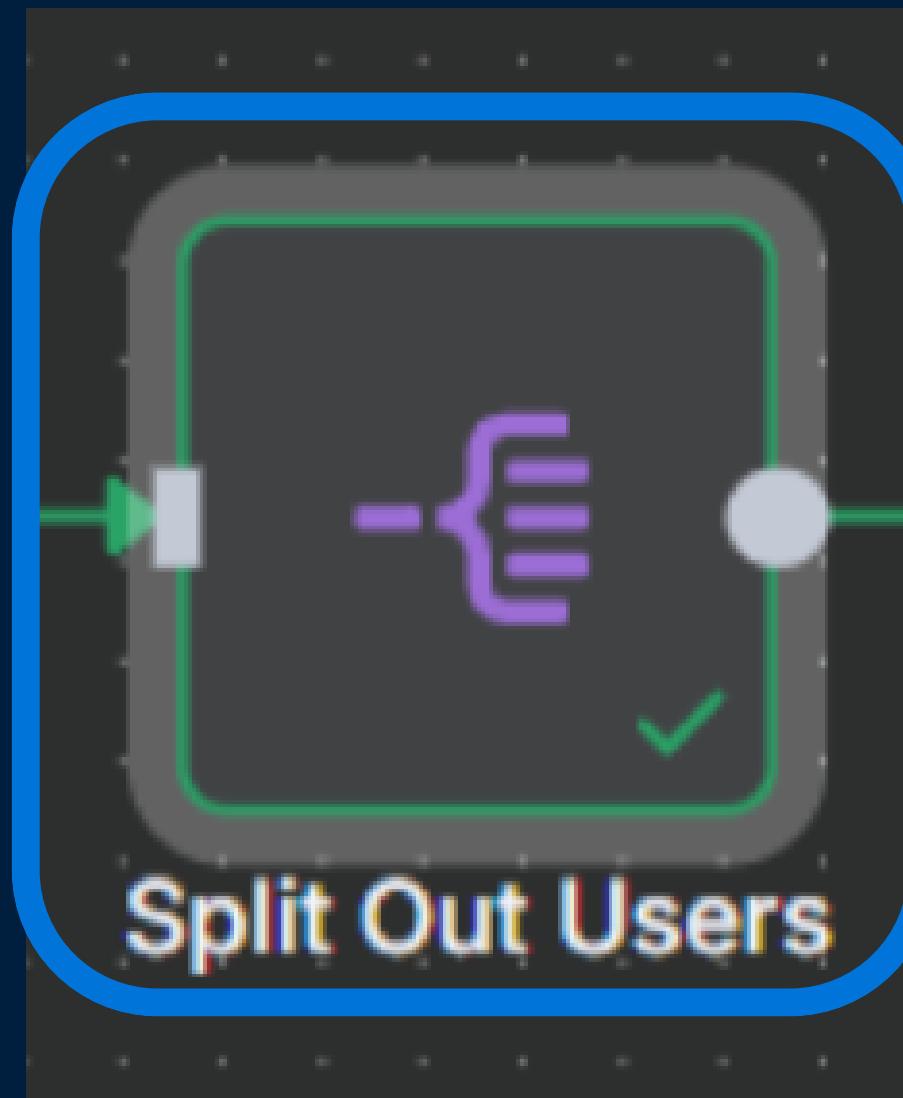
Filter Node



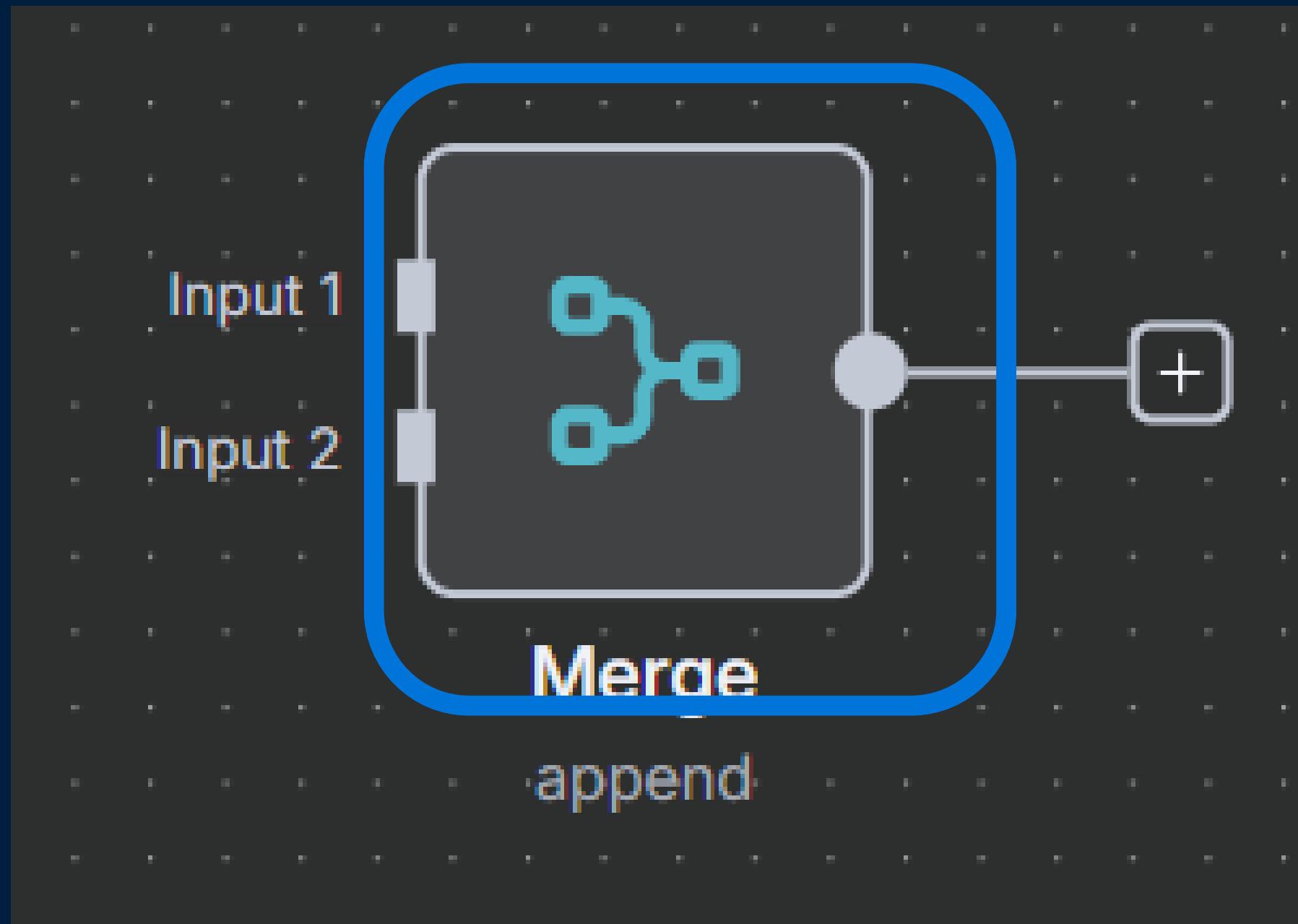
Edit Fields Node



Split Node



Merge Node



Demonstration

