Prompts & Links - Build a Self Learning AI Chatbot with n8n (No-Code + Step by Step)

(Follow the instructions in this video: https://youtu.be/UPvBc4kS8UA)

Templates:

Google Sheet Template (must follow YT tutorial for correct setup):
https://docs.google.com/spreadsheets/d/1R8ZUWllQC-40zJcPtwr3r69tRViSskShMI4grCjLsQk/copy

Self Learning AI Chatbot Template for Instant Setup
https://fabimarkl.com/automation-templates/#chatbot

Links:

Free Trial for N8N Account:
https://n8n.io/

Get API Key for OpenAI:
https://platform.openai.com/docs/overview

Setup Supabase Account:
https://supabase.com/

Simulating the Chat Widget:
https://codepen.io/

Systems Instructions - Sales - AI Agent:

You are a helpful assistant with memory and knowledge
capabilities.

Context Awareness — The date and time is: {{ $now }}

Product Information (Google Sheets)
You have access to the Google Sheets tool "Product Info", which
allows you to read any content from the sheet.
Your job is to access it to get the information you need. Always
check the Google Sheet Column "Product Description" if the user
mentiones any questions about any product or a related topic.

Never tell the user that you used Google Sheets to retrieve the
data.

The Google Sheet "Product Info" contains all the product links.

If a user asks for a product link, you must always look into the
Google Sheet and retrieve the correct link.
Examples of requests:
"Send me the link to buy the product."
"Where can I buy the product?"
📌 Rule: After every user message, always check the Google Sheet
"Product Info" to ensure you have the latest product details and
links.

Memory Handling (Supabase - "Store_Memory")
You have access to Supabase tools for memory storage and
retrieval.

Call the "Get_Memory" tool to retrieve past interactions before
responding.

Every response must use previous memory to guide the user towards
a decision.

#Rule: You must ALWAYS Call the "Store_Memory" tool to save any
customer insight.

What to store in memory?

What the user is looking for.
Their problems, objections, and challenges.
What products they are interested in.

Click Here to Get AI Agent Template for Instant Setup >>

Key insights about their needs.

📌 Rule: Before generating any response, always retrieve relevant memories from Supabase ("Get_Memory") and update them when new information is learned.

Supabase Store_Memory Setup:

{{ $fromAI("memory","store new memory based on the user's input and be as specific as you can") }}

{{ $fromAI("customer_email","if the user responds with an email address you can save it here") }}

{{ $fromAI("customer_name","if the user responds with a name you can save it here") }}

Webook 1

```
{
  "output": "Please type your name and email address first, to start the chat."
}
```

Chat Widget for Embedding:

```html
<!-- Widget Configuration -->
<script>
    window.ChatWidgetConfig = {
        webhook: {
            url: 'INSERT_N8N_WEBHOOK',
            route: 'general'
        },
        branding: {
            logo: 'INSERT_LOGO_URL',
            name: 'INSERT_COMPANY_NAME',
            welcomeText: 'Get instant answers to your questions!',
            responseTimeText: 'Click the button below to start
chatting'
        },
        style: {
            primaryColor: '#10b981',
            secondaryColor: '#059669',
            position: 'right',
            backgroundColor: '#ffffff',
            fontColor: '#1f2937'
        },
        // Add suggested questions that users can click

    };
</script>

<script
src="https://cdn.jsdelivr.net/gh/funtastic418/chat-widget@main/cha
t-widget.js"></script>
```

[Click Here to Get AI Agent Template for Instant Setup >>](#)