

n8n Workflow JSON — Ask LLaMA 3 via Ollama:-

❑ Installation Steps

1. Install n8n globally:

```
npm install -g n8n
```

This installs n8n as a global CLI tool on your system.

2. Start n8n:

```
n8n
```

This launches the workflow automation editor in your browser

(typically at `http://localhost:5678`).

The screenshot displays the n8n web interface in a browser at `localhost:5678/home/workflows`. The interface includes a sidebar with navigation options: Overview (selected), Templates, Variables, and Insights. The main content area shows a summary of workflow statistics and a list of workflows.

Statistics Summary:

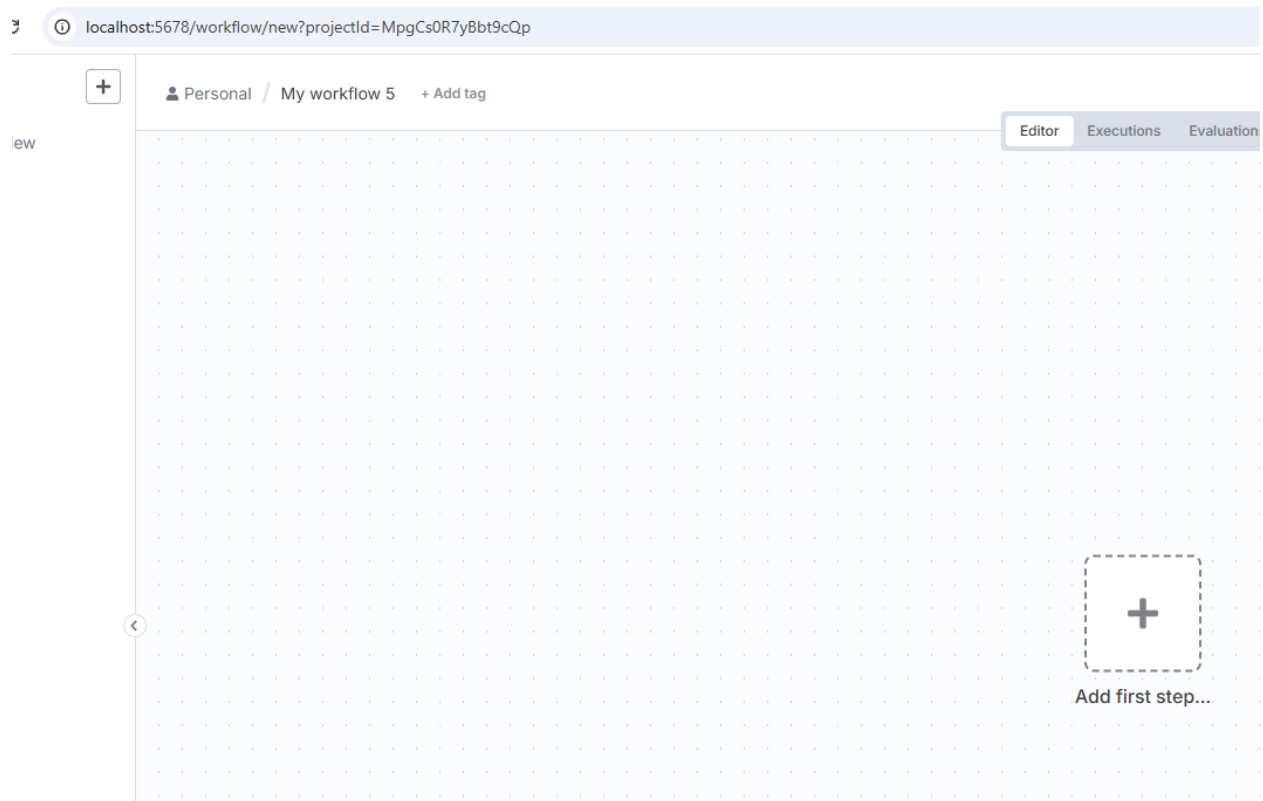
Prod. executions Last 7 days	Failed prod. executions Last 7 days	Failure rate Last 7 days	Time saved Last 7 days	Run time (avg.) Last 7 days
0	0	0%	—	0s

Workflow List:

Workflow Name	Last updated	Created	Personal	Status	Actions
My workflow 4	Last updated 13 minutes ago	Created 19 July	Personal	Inactive	⋮
My workflow 3	Last updated 1 month ago	Created 17 June	Personal	Active	⋮
My workflow 2	Last updated 1 month ago	Created 16 June	Personal	Active	⋮
My workflow	Last updated 1 month ago	Created 14 June	Personal	Inactive	⋮
HiBot	Last updated 1 month ago	Created 14 June	Personal	Inactive	⋮

At the bottom right, it shows "Total 5" workflows and a pagination control set to "50/page".

Here you can create workflow just click on + icon on left hand side :-



And then right hand side click on ... and click on import file and choose your ok1.json file.

Excellent! Here's a complete **n8n workflow** that turns **Ollama + LLaMA 3** into an **AI agent that researches and writes a blog post** — all automated. No manual steps needed.

🔗 What This AI Agent Workflow Does

1. **Takes a blog topic** (from a manual trigger or webhook)
 2. Uses **Ollama (LLaMA 3)** to:
 - ☐ Research the topic
 -  ☐ Write a blog post draft (including title, intro, body, and conclusion)
 3. Returns the final blog post in a structured output
-

Pre-Built Workflow JSON (LLaMA 3 Blog Writer):-

```
{
  "nodes": [
    {
      "parameters": {
        "triggerTimes": {
          "item": [
            {
              "mode": "everyMinute"
            }
          ]
        }
      },
      "id": "1",
      "name": "Trigger",
      "type": "n8n-nodes-base.cron",
      "typeVersion": 1,
      "position": [
```

```
200,

300

]

},

{

  "parameters": {

    "functionCode": "return [\n {\n  json: {\n    topic: \"The Future of Renewable Energy\"\n  }\n }\n]\n";

  },

  "id": "2",

  "name": "Set Blog Topic",

  "type": "n8n-nodes-base.function",

  "typeVersion": 1,

  "position": [

    400,

    300

  ]

},

{

  "parameters": {

    "requestMethod": "POST",

    "url": "http://localhost:11434/api/generate",

    "jsonParameters": true,

    "options": {},

    "bodyParametersJson": "={\n  \"model\": \"llama3\",\n  \"prompt\": \"Research and write a blog post about the following topic: {{$json[\"topic\"]}}. Include a title, an introduction, 3 body paragraphs,
```

and a conclusion.\",\n \"stream\": false\n}"

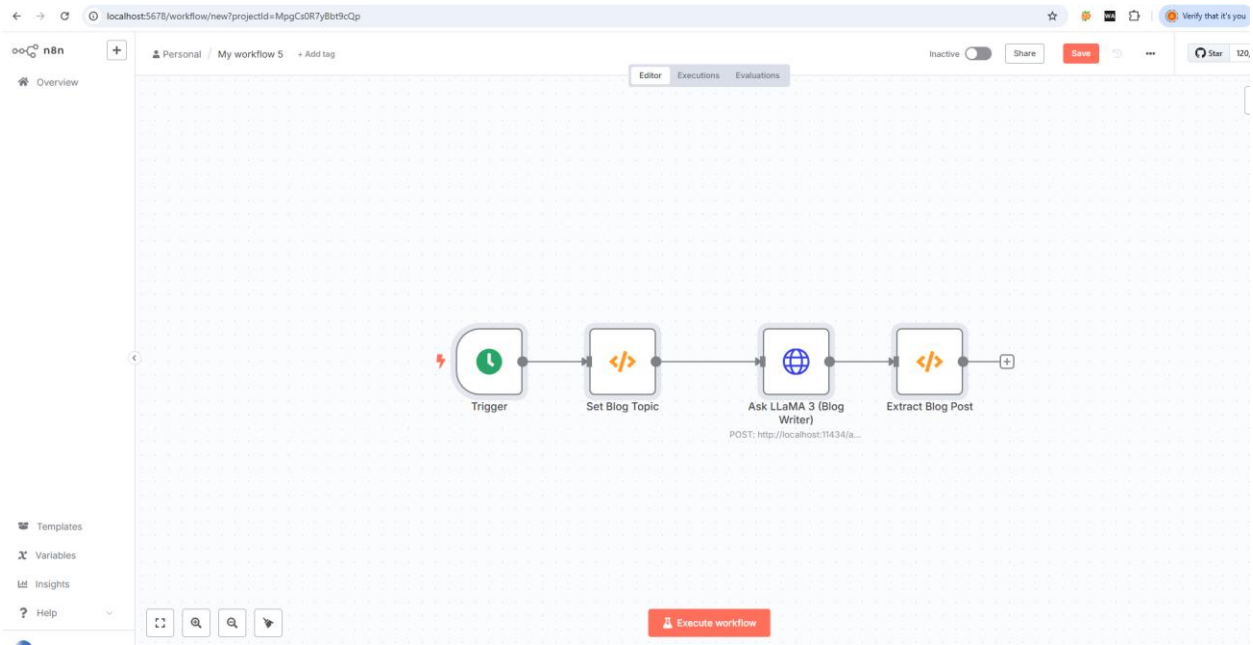
```
  },
  "id": "3",
  "name": "Ask LLaMA 3 (Blog Writer)",
  "type": "n8n-nodes-base.httpRequest",
  "typeVersion": 2,
  "position": [
    650,
    300
  ]
},
{
  "parameters": {
    "functionCode": "const response = JSON.parse(items[0].json.body);\nreturn [\n {\n  json: {\nblog_post: response.response\n  }\n }\n];"
  },
  "id": "4",
  "name": "Extract Blog Post",
  "type": "n8n-nodes-base.function",
  "typeVersion": 1,
  "position": [
    850,
    300
  ]
}
```

```
],  
"connections": {  
  "Trigger": {  
    "main": [  
      [  
        {  
          "node": "Set Blog Topic",  
          "type": "main",  
          "index": 0  
        }  
      ]  
    ]  
  },  
  "Set Blog Topic": {  
    "main": [  
      [  
        {  
          "node": "Ask LLaMA 3 (Blog Writer)",  
          "type": "main",  
          "index": 0  
        }  
      ]  
    ]  
  },  
  "Ask LLaMA 3 (Blog Writer)": {
```

```
"main": [  
  [  
    {  
      "node": "Extract Blog Post",  
      "type": "main",  
      "index": 0  
    }  
  ]  
]  
}  
,  
{"name": "LLaMA 3 Blog Writing Agent",  
  "active": false,  
  "settings": {},  
  "version": 1  
}
```

Save this blog.json file and import in n8n as we have seen above.

After importing you will see :-



And now :-

You're asking to **convert the current blog-writing workflow** into a **chat-style workflow** that:

- ☐ Takes **user input (a question or prompt)** from a **chat or API/webhook**,
- ☐ Sends it to **Ollama (LLaMA 3)**,
- ☐ And returns the **AI-generated response** — like a chatbot.

Below is the updated **n8n workflow JSON**, with:

- ☐ A **Webhook trigger** (you send a prompt via HTTP POST)
- ☐ An **HTTP Request** to llama3 via Ollama
- ☐ A **Function node** to extract the AI response
- ☐ The response is sent back as a JSON reply to the original chat request

[Chat-Style LLaMA 3 Agent in n8n \(Ollama + Webhook Input/Output\)](#)

```
{
```

```
  "nodes": [
```

```
    {
```

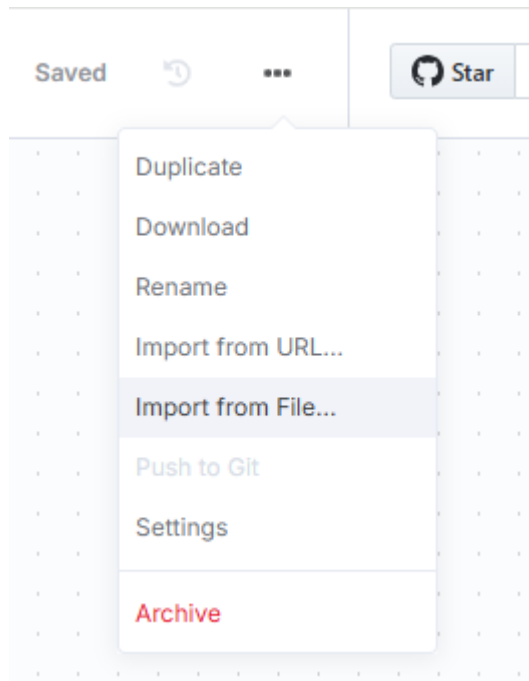


```
"parameters": {
  "path": "chat",
  "method": "POST",
  "responseMode": "lastNode",
  "options": {}
},
"id": "1",
"name": "Webhook (Chat Input)",
"type": "n8n-nodes-base.webhook",
"typeVersion": 1,
"position": [
  200,
  300
]
},
{
  "parameters": {
    "requestMethod": "POST",
    "url": "http://localhost:11434/api/generate",
    "jsonParameters": true,
    "options": {},
    "bodyParametersJson": "={\n  \"model\": \"llama3\",\n  \"prompt\": \"{{$json[\"prompt\"]}}\", \n  \"stream\": false\n}"
  },
  "id": "2",
  "name": "Ask LLaMA 3",
```

```
"type": "n8n-nodes-base.httpRequest",
"typeVersion": 2,
"position": [
  400,
  300
]
},
{
  "parameters": {
    "functionCode": "const res = JSON.parse(items[0].json.body);\nreturn [{\n  json: {\n    response: res.response.trim()\n  }\n}];",
  },
  "id": "3",
  "name": "Extract Response",
  "type": "n8n-nodes-base.function",
  "typeVersion": 1,
  "position": [
    600,
    300
  ]
}
],
"connections": {
  "Webhook (Chat Input)": {
    "main": [
      [
```

```
{
  "node": "Ask LLaMA 3",
  "type": "main",
  "index": 0
}
]
]
},
"Ask LLaMA 3": {
  "main": [
    [
      {
        "node": "Extract Response",
        "type": "main",
        "index": 0
      }
    ]
  ]
},
"name": "Chat with LLaMA 3",
"active": false,
"settings": {},
"version": 1
}
```

Save this as chat.json and import it n8n . as shown below on right hand side .



After importing you will see like this .

 Ask Ollama (LLaMA 3)

 Execute step

Parameters

Settings

Docs 

POST

URL

http://localhost:11434/api/generate

Ignore SSL Issues (Insecure)



Response Format

JSON

JSON/RAW Parameters



Options

Send Binary File



Body Parameters

```
1 {  
2   "model": "llama3",  
3   "prompt": "Explain quantum  
4     computing in simple terms.",  
5   "stream": false  
}
```



Headers

1  



Query Parameters

1  

</> Extract Reply

 Execute step

Parameters

Settings

Docs 

A newer version of this node type is available, called the 'Code' node

JavaScript Code 

```
1  const response =  
    JSON.parse(items[0].json.body);  
2  return [{ json: { reply:  
    response.response } }];
```

OUTPUT

Ok.json file to import workflow :-

```
{
  "nodes": [
    {
      "parameters": {
        "requestMethod": "POST",
        "url": "http://localhost:11434/api/generate",
        "jsonParameters": true,
        "options": {},
        "bodyParametersJson": "{\n  \"model\": \"llama3\",\n  \"prompt\": \"Explain quantum computing\nin simple terms.\",\n  \"stream\": false\n}"
      },
      "id": "Ollama HTTP Request",
      "name": "Ask Ollama (LLaMA 3)",
      "type": "n8n-nodes-base.httpRequest",
      "typeVersion": 2,
      "position": [
        450,
        300
      ]
    },
    {
      "parameters": {
        "functionCode": "const response = JSON.parse(items[0].json.body);\nreturn [{ json: { reply:\nresponse.response } }];"
      },
    },
```

```
"id": "Function",

"name": "Extract Reply",

"type": "n8n-nodes-base.function",

"typeVersion": 1,

"position": [

  650,

  300

]

},

"connections": {

  "Ask Ollama (LLaMA 3)": {

    "main": [

      [

        {

          "node": "Extract Reply",

          "type": "main",

          "index": 0

        }

      ]

    ]

  }

},

"name": "Ollama (LLaMA 3) Query",

"active": false,
```



```
"settings": {},  
"version": 1  
}
```

Workflow:-

