n8n Advanced AI Documentation and Guides

# Advanced AI#

Build AI functionality using n8n: from creating your own chat bot, to using AI to process documents and data from other sources.

Feature availability

This feature is available on Cloud and self-hosted n8n, in version 1.19.4 and above.

• Get started  
  
Work through the short tutorial to learn the basics of building AI workflows in n8n.  
  
 Tutorial

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Tutorial

• Use a Starter Kit  
  
Try n8n's Self-hosted AI Starter Kit to quickly start building AI workflows.  
  
 Self-hosted AI Starter Kit

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Self-hosted AI Starter Kit

• Explore examples and concepts  
  
Browse examples and workflow templates to help you build. Includes explanations of important AI concepts.  
  
 Examples

Explore examples and concepts

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Examples

• How n8n uses LangChain  
  
Learn more about how n8n builds on LangChain.  
  
 LangChain in n8n

How n8n uses LangChain

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LangChain in n8n

• Browse AI templates  
  
Explore a wide range of AI workflow templates on the n8n website.  
  
 AI workflows on n8n.io

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## Related resources#

Related documentation and tools.

### Node types#

This feature uses Cluster nodes: groups of root and sub nodes that work together.

Cluster nodes are node groups that work together to provide functionality in an n8n workflow. Instead of using a single node, you use a root node and one or more sub-nodes that extend the functionality of the node.

### Workflow templates#

You can browse workflow templates in-app or on the n8n website Workflows page.

Refer to Templates for information on accessing templates in-app.

### Chat trigger#

Use the n8n Chat Trigger to trigger a workflow based on chat interactions.

### Chatbot widget#

n8n provides a chatbot widget that you can use as a frontend for AI-powered chat workflows. Refer to the @n8n/chat npm page for usage information.