Information Extractor node documentation

# Information Extractor node#

Use the Information Extractor node to extract structured information from incoming data.

On this page, you'll find the node parameters for the Information Extractor node, and links to more resources.

## Node parameters#

• Text defines the input text to extract information from. This is usually an expression that references a field from the input items. For example, this could be {{ $json.chatInput }} if the input is a chat trigger, or {{ $json.text }} if a previous node is Extract from PDF.

{{ $json.chatInput }}

{{ $json.text }}

• Use Schema Type to choose how you want to describe the desired output data format. You can choose between:  
From Attribute Description: This option allows you to define the schema by specifying the list of attributes and their descriptions.  
Generate From JSON Example: Input an example JSON object to automatically generate the schema. The node uses the object property types and names. It ignores the actual values.  
Define Below: Manually input the JSON schema. Read the JSON Schema guides and examples for help creating a valid JSON schema.

• From Attribute Description: This option allows you to define the schema by specifying the list of attributes and their descriptions.

• Generate From JSON Example: Input an example JSON object to automatically generate the schema. The node uses the object property types and names. It ignores the actual values.

• Define Below: Manually input the JSON schema. Read the JSON Schema guides and examples for help creating a valid JSON schema.

## Node options#

• System Prompt Template: Use this option to change the system prompt that's used for the information extraction. n8n automatically appends format specification instructions to the prompt.

## Related resources#

View n8n's Advanced AI documentation.

## AI glossary#

• completion: Completions are the responses generated by a model like GPT.

• hallucinations: Hallucination in AI is when an LLM (large language model) mistakenly perceives patterns or objects that don't exist.

• vector database: A vector database stores mathematical representations of information. Use with embeddings and retrievers to create a database that your AI can access when answering questions.

• vector store: A vector store, or vector database, stores mathematical representations of information. Use with embeddings and retrievers to create a database that your AI can access when answering questions.