

# ChatGPT and roles

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Chat Completion API has roles: system, user, and assistant. Brief explanation of each role:

ChatGPT

Sure, let's look at each role in the context of the OpenAI's Chat Completion API:

1. **System:** This role is used to set the behavior of the assistant. It usually starts the conversation and provides instructions or details about the conversation's context. For instance, it can set up the tone, personality, or knowledge level of the assistant.
2. **User:** This role represents the real user who is interacting with the assistant. The User sends messages which may include instructions, questions, prompts for the Assistant, or any other form of communication intended for the assistant. The user's input is what the assistant responds to.
3. **Assistant:** The Assistant role represents the AI model itself, in this case, GPT-4. This role receives the User's input and responds to it based on the instructions and its trained behavior. The assistant's output is what gets shown to the User as the AI's response.

These roles allow for a structured back-and-forth conversation between the User and the Assistant, with the System role setting up the general behavior and context of the Assistant.

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**System:** This role is used to set the behavior of the assistant. It usually starts the conversation and provides instructions or details about the conversation's context. For instance, it can set up the tone, personality, or knowledge level of the assistant. Brief explanation of knowledge level of the assistant:

ChatGPT

The knowledge level of the assistant refers to the scope and depth of information that the AI model can access and utilize in its responses.

GPT-4, for example, has a "knowledge cutoff," which is the point in time at which the pretraining data ends. As of my training cut-off in September 2021, the model wouldn't have knowledge of events in the world that occurred after that date. In other words, the assistant won't be able to provide up-to-date information or analysis on events or advancements post that date.

Moreover, the knowledge level of the assistant can also refer to the complexity and depth of the information it can provide. For example, while the assistant has been trained on a diverse range of internet text, it may not have the deep expertise that a specialized professional (like a doctor or lawyer) has in their field.

Keep in mind that although the assistant can generate information and responses based on the patterns it learned during training, it does not 'know' or 'understand' information in the same way a

human does. It doesn't have beliefs, opinions, or consciousness. It generates responses based on its training.