

# What are the different types of AI?

## What is narrow AI?

Artificial narrow intelligence (ANI) is crucial to voice assistants, such as Siri, Alexa, and Google Assistant. This category includes intelligent systems that have been designed or trained to carry out specific tasks<sup>1</sup> or solve particular problems, without being explicitly designed to do so.

ANI might often be referred to as weak AI, as it doesn't possess general intelligence, but some examples of the power of narrow AI include the above voice assistants, and also image-recognition systems, chatbot, technologies that respond to simple customer service requests, and tools that flag inappropriate content online.

ChatGPT is an example of ANI, as it is programmed to perform a specific task, which is to generate text responses to the prompts it is given.

## What is General AI?

Artificial general intelligence (AGI), also known as strong AI, is still a hypothetical concept as it involves<sup>2</sup> a machine understanding and performing vastly different tasks based on its accumulated experience. This type of intelligence is more on the level of human intellect, as AGI systems would be able to<sup>3</sup> reason and think like a human.

Like a human, AGI would potentially be able to understand any intellectual task, think abstractly<sup>4</sup>, learn from its experiences, and use that knowledge to solve new problems. Essentially, we're talking about a system or machine capable of common sense<sup>5</sup>, which is currently not achievable<sup>6</sup> with any form of available AI.

Developing a system with its own consciousness is still, presumably, a fair way in the distance<sup>7</sup>, but it is the ultimate goal in AI research.

### Match each word to its definition :

- |               |                       |                                                |
|---------------|-----------------------|------------------------------------------------|
| Crucial       | <input type="radio"/> | a computer program that simulates conversation |
| Carry out     | <input type="radio"/> | very important, essential, even necessary      |
| Solve         | <input type="radio"/> | command or instruction                         |
| Designed      | <input type="radio"/> | presently, nowadays                            |
| Chatbot       | <input type="radio"/> | find the solution to                           |
| Prompt        | <input type="radio"/> | do, perform                                    |
| Currently     | <input type="radio"/> | created                                        |
| Consciousness | <input type="radio"/> | the state of being aware                       |

<sup>1</sup> tâche

<sup>2</sup> Impliquer, inclure

<sup>3</sup> Be able to : être capable de

<sup>4</sup> De manière abstraite, générale

<sup>5</sup> Bon sens

<sup>6</sup> réalisable

<sup>7</sup> Loin d'être réalisable

## Artificial General Intelligence (AGI) or Artificial Narrow Intelligence (ANI)?

Read the text and answer the questions

It can carry out specific tasks	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
It can think abstractly	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
It is also called strong AI	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
It can solve particular problems	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
It can learn from its experiences	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
It is also called weak AI	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
Voice assistants (Alexa, Siri...) use it	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
It has its own consciousness	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
It exists	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
It doesn't exist	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
It can reason and think like a human	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI
It can't think abstractly	<input type="checkbox"/> narrow AI	<input type="checkbox"/> general AI

Use the sentences above<sup>8</sup> to compare and contrast ANI and GNI using *whereas*<sup>9</sup> or *while*<sup>10</sup>

For example: ANI exists whereas AGI doesn't exist

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_

<sup>8</sup> Ci dessus

<sup>9</sup> Alors que, tandis que

<sup>10</sup> Alors que, tandis que