

Artificial intelligence

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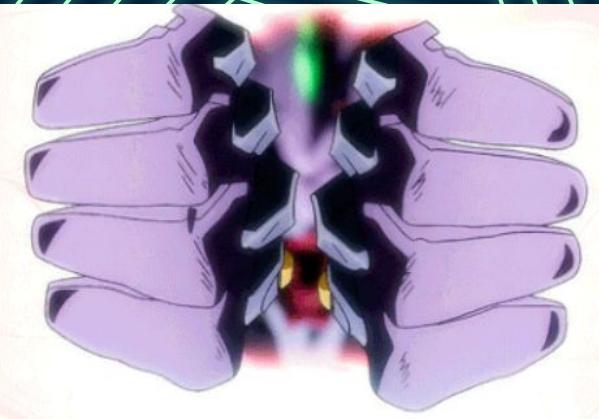
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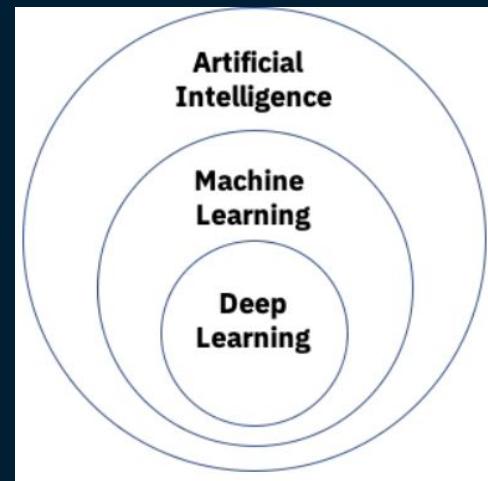


01

What is AI?



It is the engineering of making intelligent machines, especially intelligent computer programs. It is related to the similar task of using computers to understand human intelligence.





02

Types of artificial intelligence

Types of artificial intelligence

Functionality based

- Reactive machine
- Limited memory
- Theory of mind
- Self-aware

Capabilities based

- Artificial Narrow Intelligence
- Artificial General Intelligence
- Artificial Super Intelligence

Functionality based



Reactive machine

It has no memory and can't learn



Limited memory

It takes decisions based on its memory



Theory of mind

It tries to understand the human mind



Self-aware

It tries to understand and evoke emotions

Capabilities based



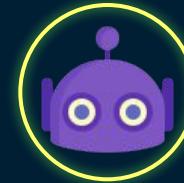
ANI

It can do specific and
programmated tasks



AGI

It can teach, learn, understand
and perform like a human



ASI

It can do tasks better than
humans



03

Applications



01 Speech recognition

It is a capability which uses natural language processing to translate human speech into a written format.

Chatbots answer frequently asked questions about topics such as shipping, or provide personalized advice, cross-selling products.

02 Customer service





04 Recommendation engines

Helps to discover data trends that can be used to develop more effective cross-selling strategies.

This AI technology enables computers to derive meaningful information from digital images, videos, and other visual inputs, and then take the appropriate action.

03

Computer vision





04

What's next?

What's for the future?



Conversation

Process, understand and generate natural speak



Building trust

Human values



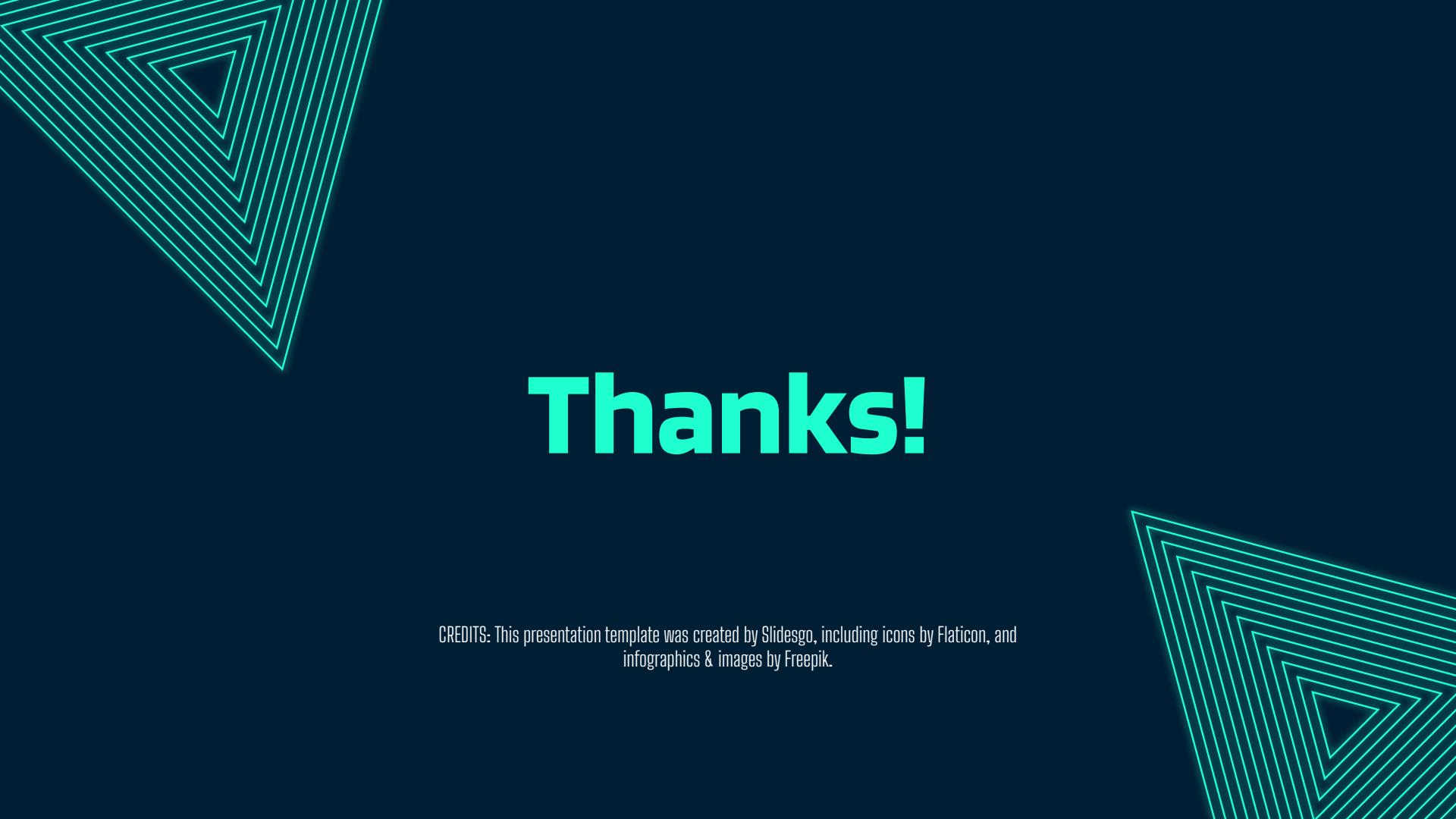
Creativity

Tools to create and innovate like a human



References

- Ferreira, K. (2021, July 20). Tipos de Inteligencia Artificial: conoce cuáles existen y cómo usarlos. Rockcontent. Retrieved 22 September 2022, from <https://rockcontent.com/es/blog/tipos-de-inteligencia-artificial/>
 - IBM Cloud Education. (2022, July 7). Artificial Intelligence (AI). Retrieved 22 September 2022, from <https://www.ibm.com/cloud/learn/what-is-artificial-intelligence>
 - Hewlett Packard Enterprise. (2019). ¿Qué es la inteligencia artificial? Retrieved 22 September 2022, from https://www.hpe.com/mx/es/what-is/artificial-intelligence.html?jumpid=ps_sgywi7pztj_aid-520061736&ef_id=CjOKCQjwj7CZBhDHARlsAPPWv3c4jmvHMSjKuBWDP8AznYPmSaBt6qNvC4bWG9_MJsCfIlaWynnAUeYaAj5mEALw_wcB:G:s&s_kwcid=AL13472131594978471597!e!!g!!definici%C3%B3n%20de%20inteligencia%20artificial!17064354178!141281653332&
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Thanks!

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