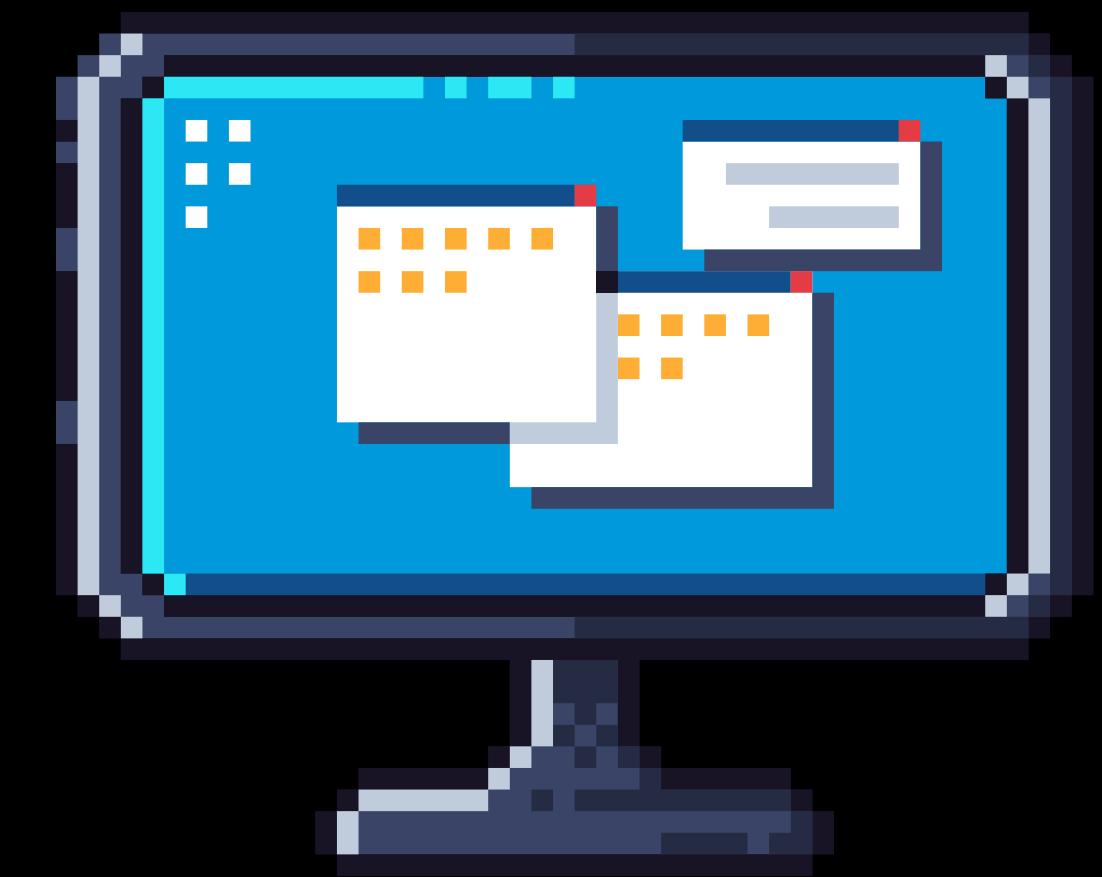
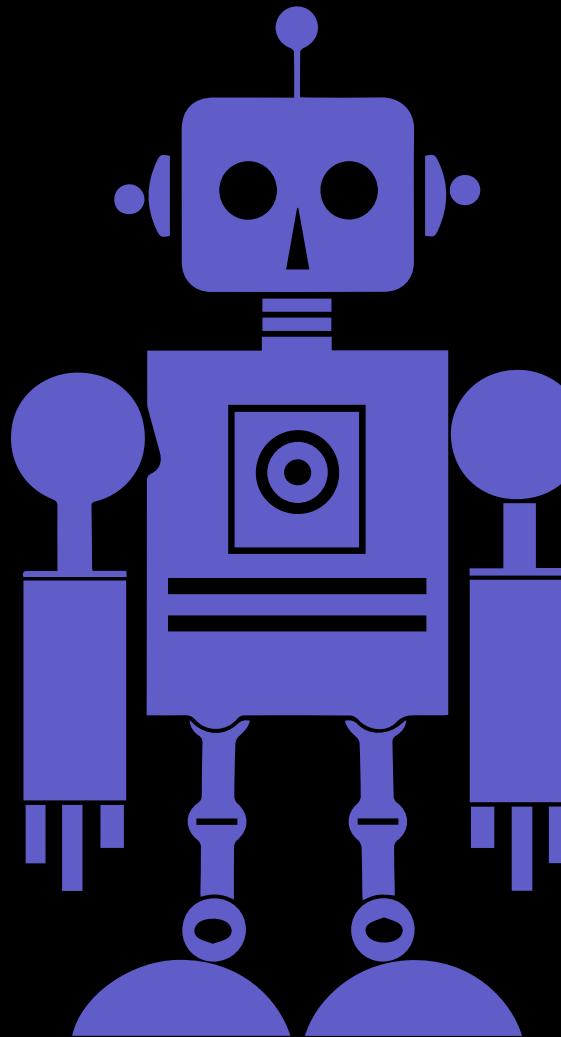


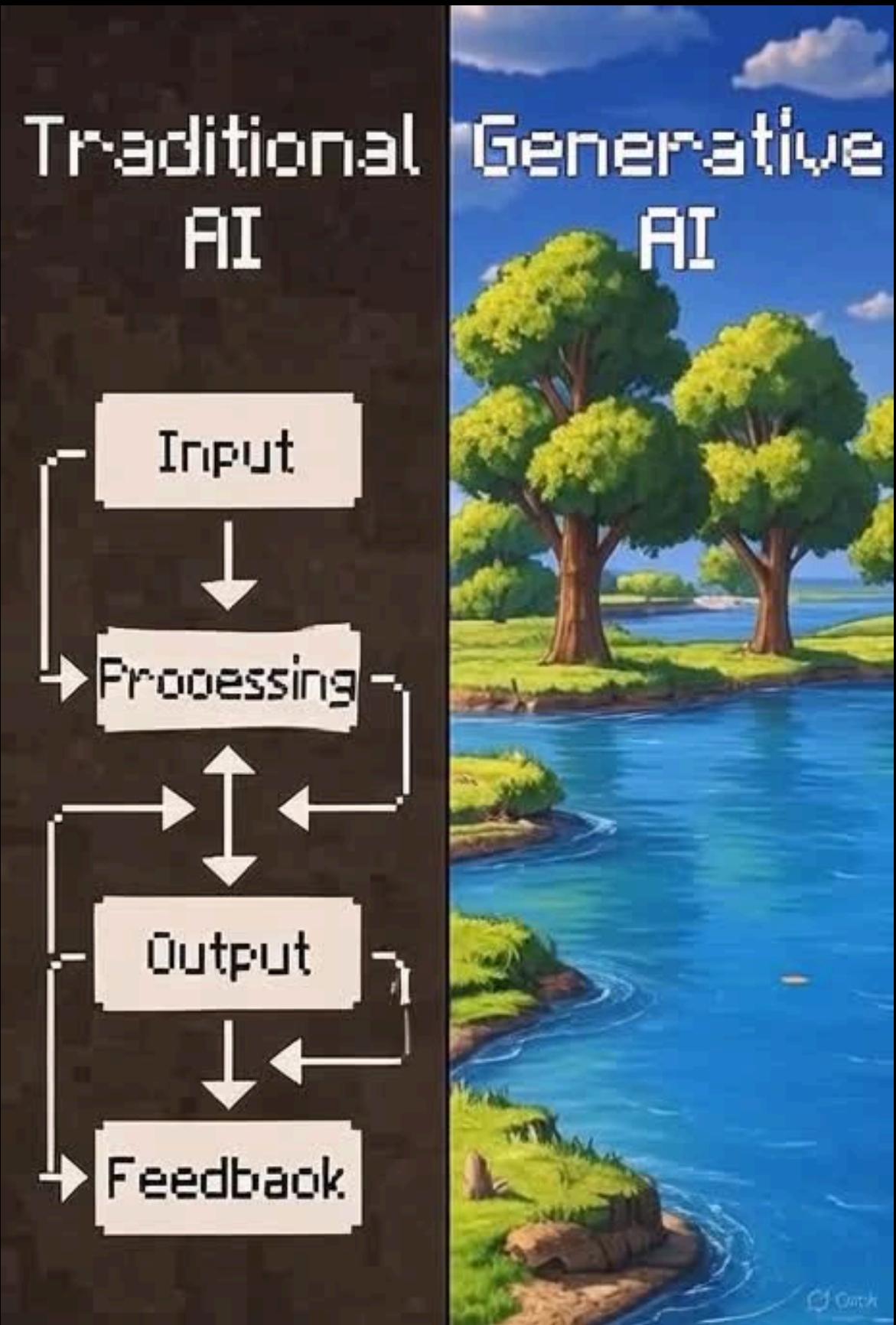
La Plateforme

PRESENTATION OF AI



Traditional AI focuses on analyzing data and automating decision-making

Generative AI goes a step further, producing entirely new content like text or code





What is generative AI ?

what are the different types of generative AI

Text generation ai

Tool name: ChatGPT

Type: Text generation

Launch year: 2022

Tool name: Gemini

Type: Text generation

Launch year: 2023



Tool name: Mistral

Type: Text generation

Launch year: 2023

Tool name: Claude

Type: Text generation

Launch year: 2023

Tool name: DeepSeek

Type: Text generation

Launch year: 2023

Tool name: Grok

Type: Text generation

Launch year: 2023

Tool name: Perplexity

Type: Text generation

Launch year: 2022

IMAGE GENERATION AI

Tool name: DALL·E

Company: OpenAI

Type: Image generation

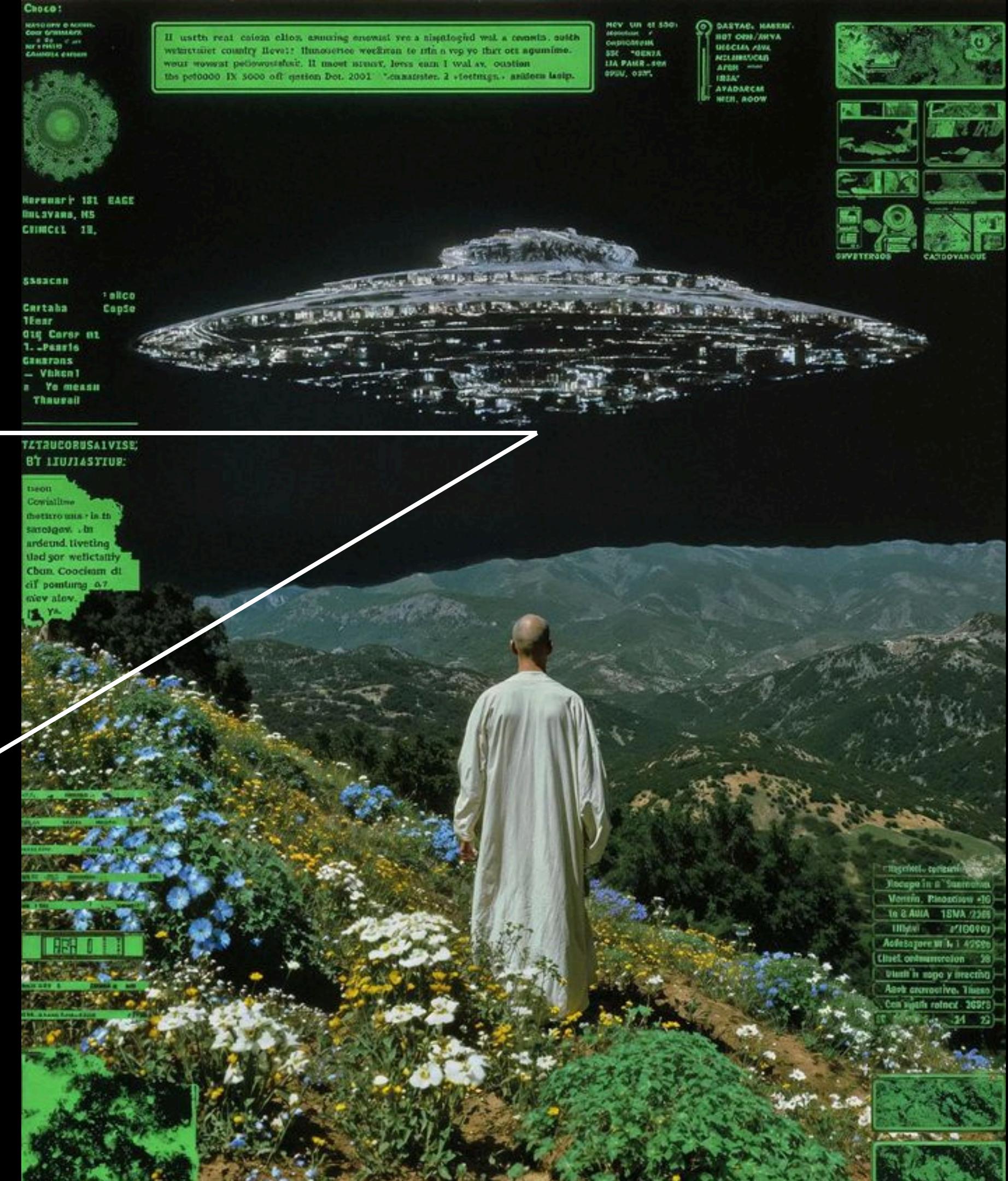
Launch year: 2021

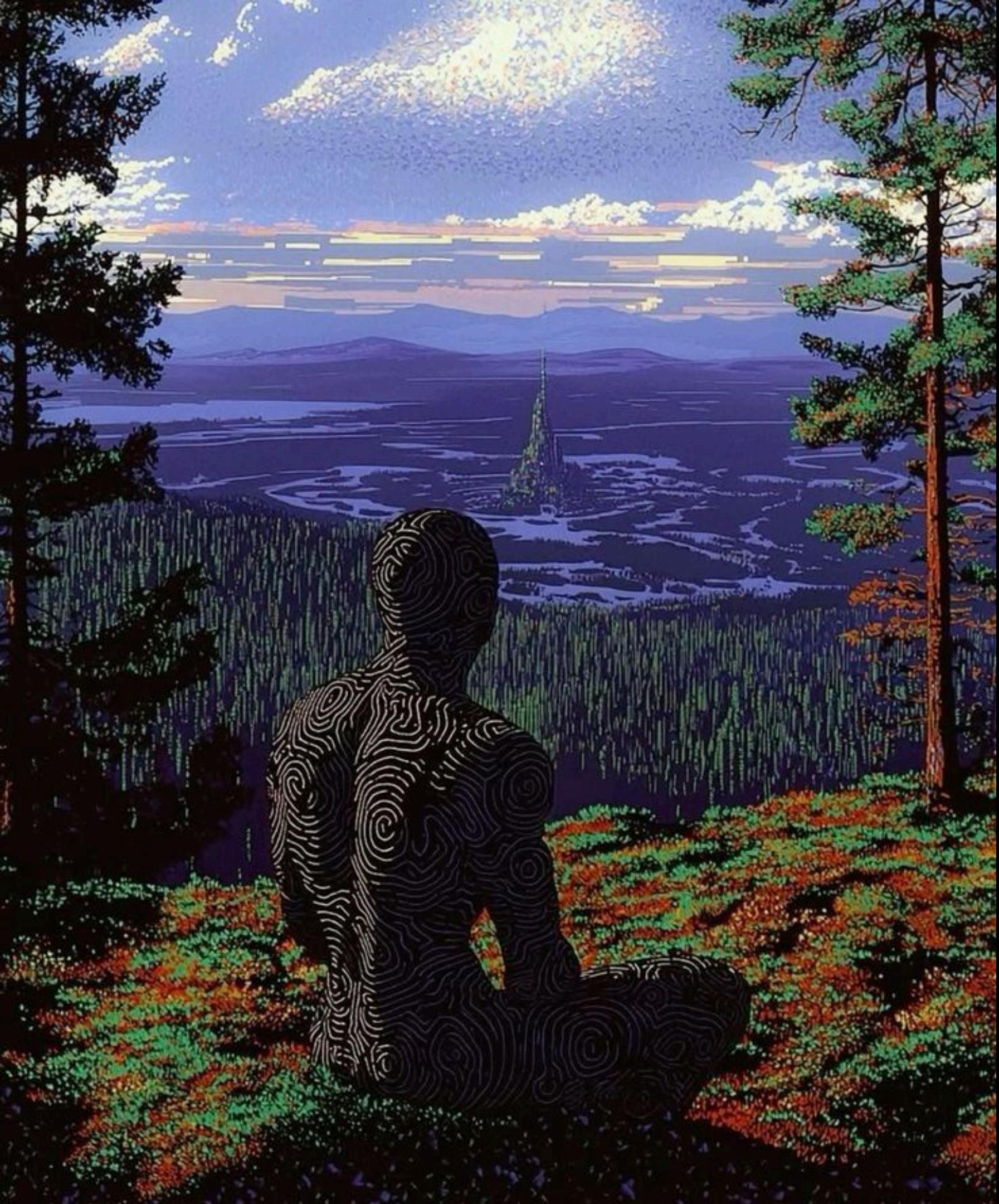
Tool name: Midjourney

Company: Midjourney, Inc.

Type: Image generation

Launch year: 2022





Video Generation:

Tool name: Runway Gen-2
Company: Runway
Type: Video generation
Launch year: 2023

Tool name: Pika Labs
Company: Pika
Type: Video generation
Launch year: 2023

```
8 def __init__(self, x, y) -> None:  
9     self.x = x  
0     self.y = y  
1  
2     def imprimir (self):  
3         print ("El valor de x es: ", str(self.x))  
4         print ("El valro de y es: ", str(self.y))  
5  
6     def __str__(self):  
7         return "(" + str(self.x) + "," + str(self.y) + ")"  
8  
9     def son_iguales (self, c2):  
0         if self.x == c2.x and self.y == c2.y:  
1             return True
```

Code Generation
Company: GitHub (with OpenAI)
Type: Code generation
Launch year: 2021

<https://github.blog/news-insights/product-news/introducing-github-copilot-ai-pair-programmer/>





WHAT IS AN LLM?

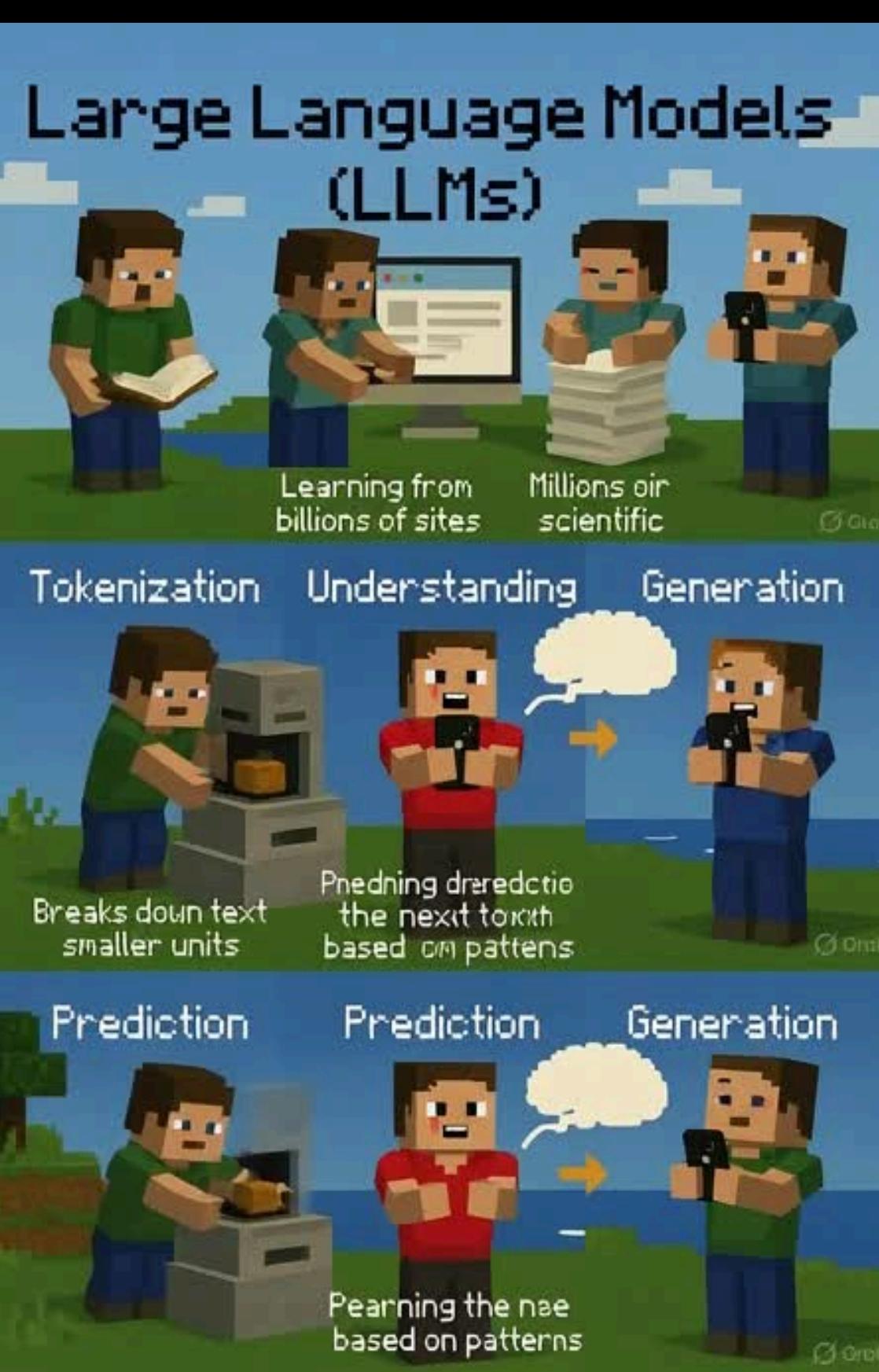
GENERATES TEXTS

PREDICTS FROM MILLIONS OF DATA

GENERATES ANSWERS

<https://www.techtarget.com/whatis/definition/ChatGPT>

How does LLM work ?



An LLM learns from a huge amount of text found on the internet, books, and articles. These information are called training data.

Million of books

Billions of sites

Millions of scientific articles

Social media

How does LLM work ?

- **Tokenization**

Words become tokens (small pieces)

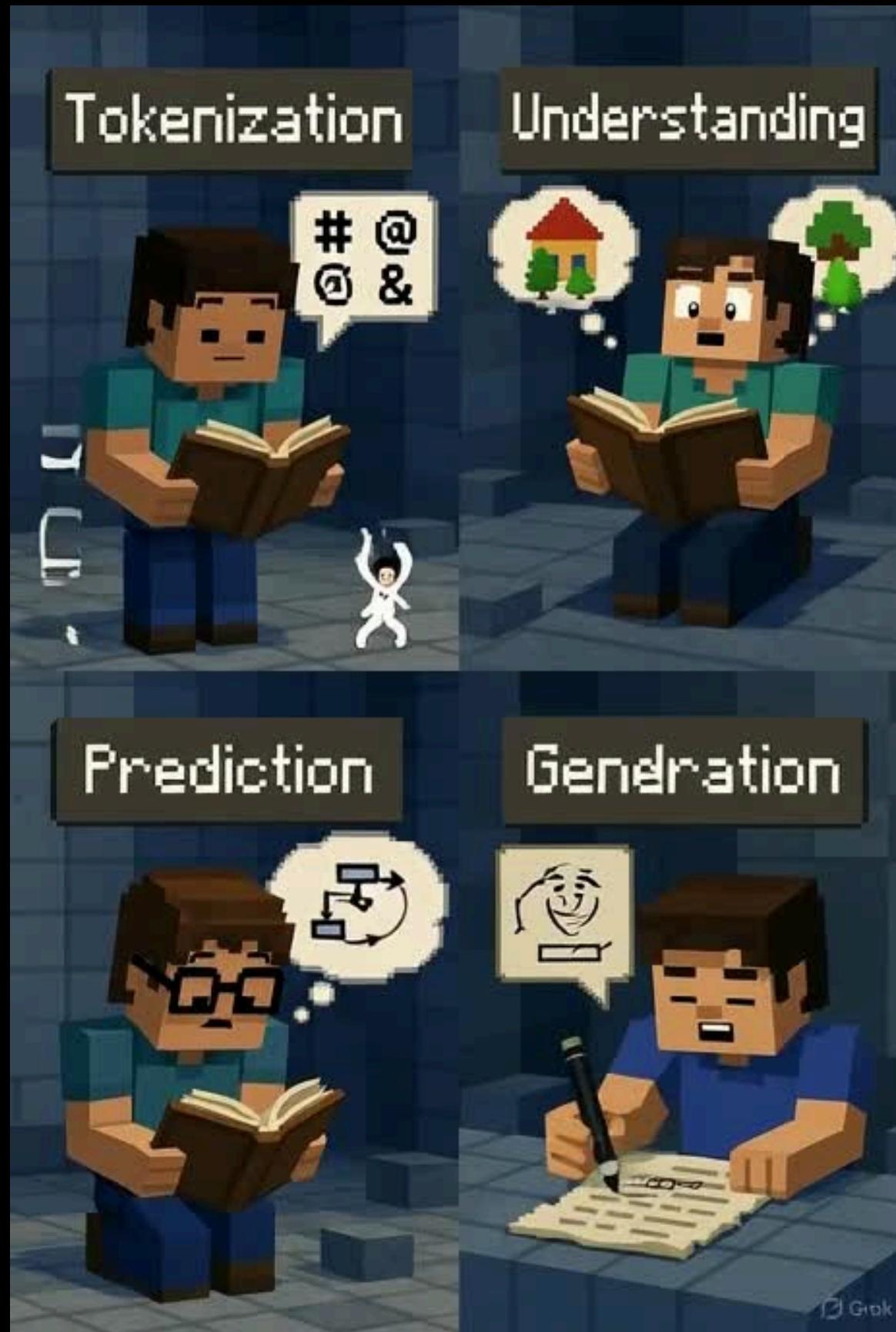
Each token has a number

- **Prediction/ Understanding**

Prediction next token step-by-step

Builds the final answer





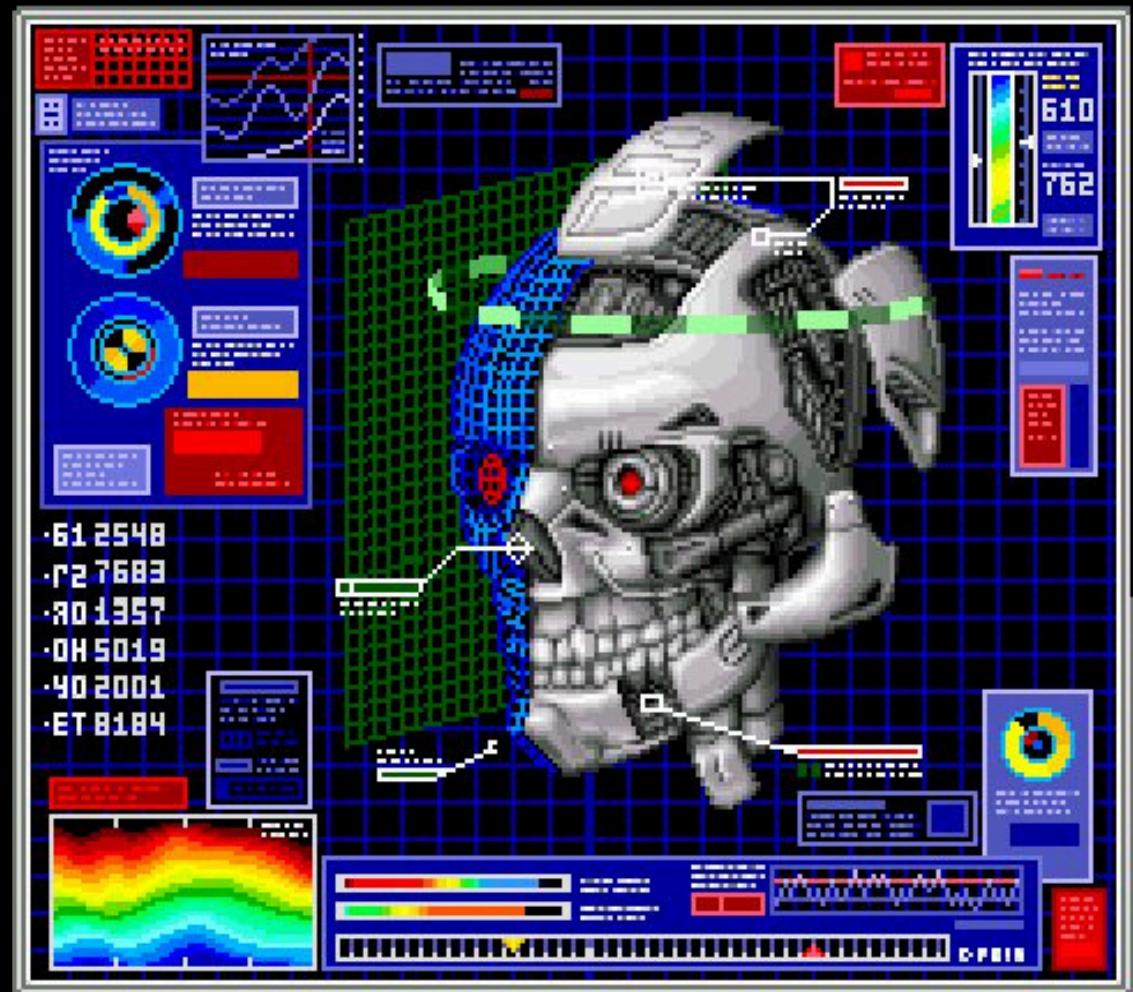
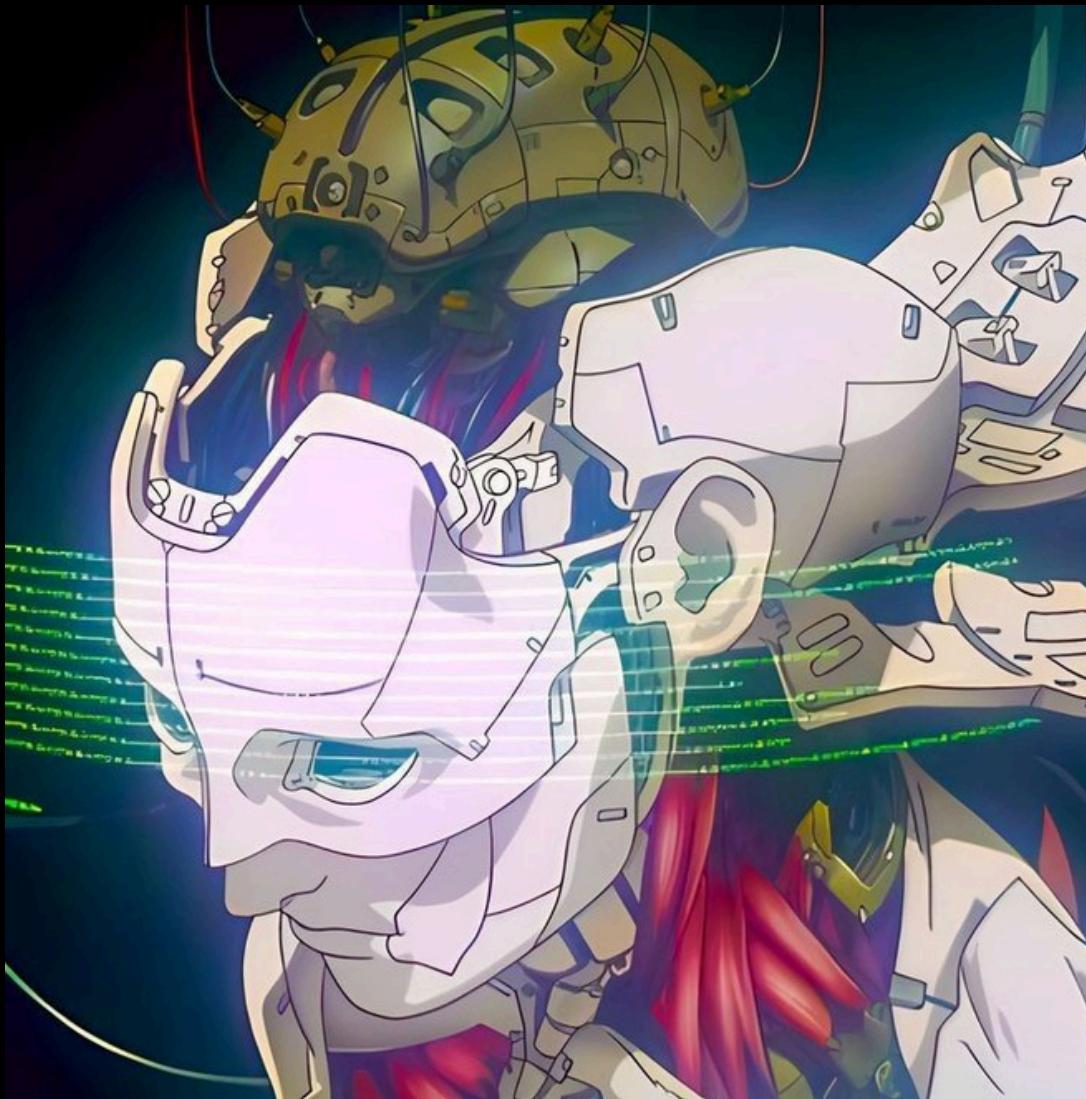
- Generation Text

Word by word

Complete answer

How to use AI cleverly?

- Be specific
- Set the format
- Give context
- Add examples



- Why is AI not reliable?

It predicts , does not know.

Information outdated

It can hallucinate.

Does not give personnel answers



- Why is AI not reliable?



Biases in training data.

Overconfidence

High error rates

Vulnerability to adversarial attacks and resource limits

How to Check Information



- Use Multiple Sources
- Check official sources
- Ask yourself
- Look for evidence

Conclusion



CONCLUSION

To use generative AI effectively:

- Focus on learning, creativity, and productivity.
- Write clear, specific prompts to get better results.
- Avoid misuse like cheating, spreading misinformation, or sharing private data.
- Always verify AI-generated content with trusted sources.

SOURCES :

<https://arxiv.org/abs/2311.10242>

<https://www.techtarget.com/whatis/definition/ChatGPT>

<https://www.mycase.com/blog/ai/ai-vs-generative-ai/#:~:text=Key%20takeaways,AI%2C%20not%20a%20separate%20technology.>

<https://arxiv.org/abs/2306.03823>

<https://arxiv.org/abs/2304.06488>

<https://openai.com/fr-FR/index/why-language-models-hallucinate/>

<https://techcrunch.com/2024/08/14/study-suggests-that-even-the-best-ai-models-hallucinate-a-bunch/>

<https://arxiv.org/abs/2202.03629>

<https://builtin.com/artificial-intelligence/what-is-chatgpt>

<https://runwayml.com/research/gen-2>

<https://www.acquired.fm/episodes/generative-ai-in-video-and-the-future-of-storytelling-with-runway-ceo-cristobal-valenzuela>

THANK
YOU!



THANK YOU