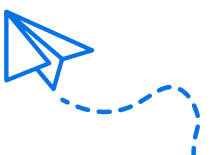
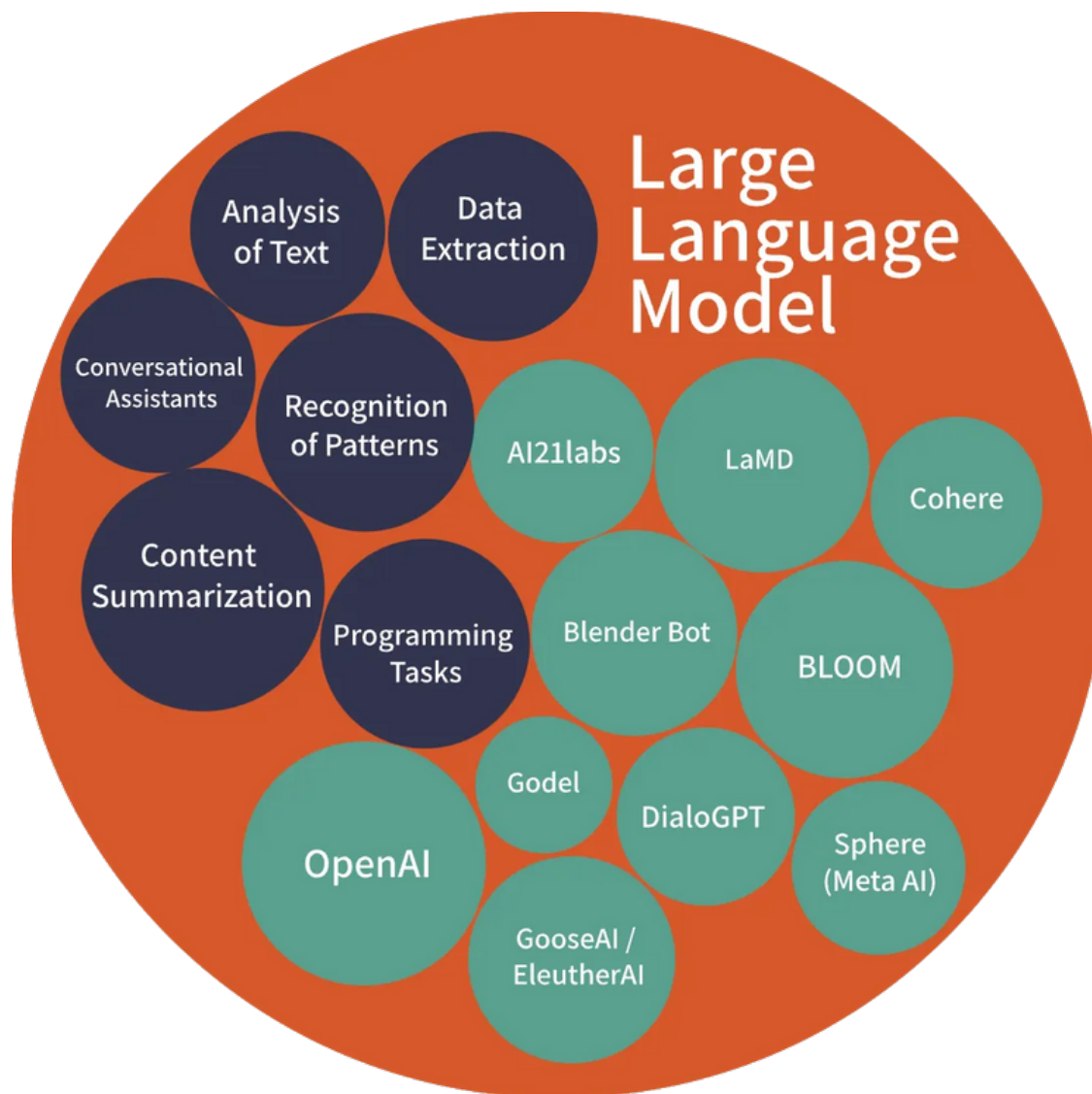


What is LLM (Large Language Model)?



Imagine a **large language model** like a super-smart robot friend. This robot friend can **read and understand** lots and lots of books, stories, and things people have written on the internet.



It learned from all those things, so it knows many words and facts.

When you ask the robot friend a question or tell it something, it tries to help by using what it learned to give you an answer or have a conversation with you.

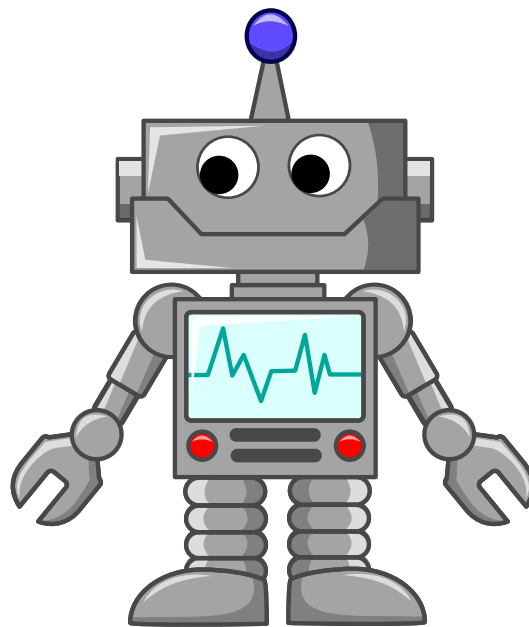


It's like having a super clever buddy who knows a ton of stuff and can talk to you about it.

Large language models are computer programs that have been trained on massive amounts of **text data**, like books, articles, and websites. This training involves processing billions of sentences to **learn patterns, grammar and facts**.

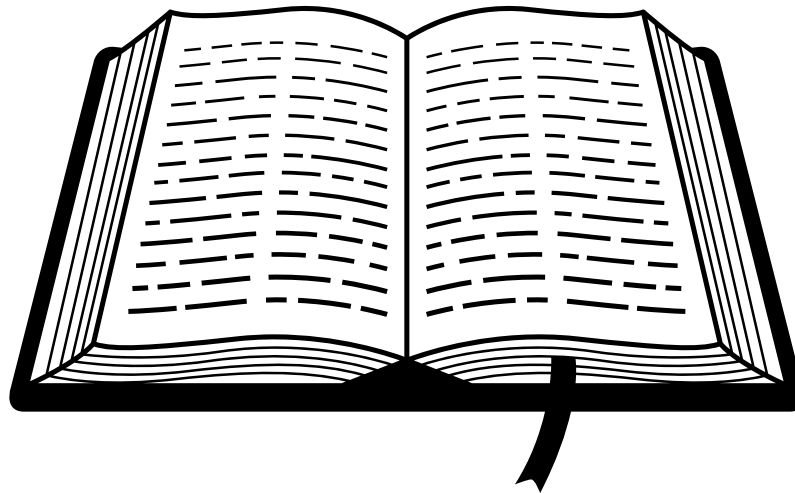


These models use complex **mathematical algorithms** to understand and represent **the meaning of words** and sentences.



They create a **numerical representation of text**, which helps them make sense of language.

Large language models have the ability to **generate human-like text**. They can write essays, stories, or even code, given the right instructions.



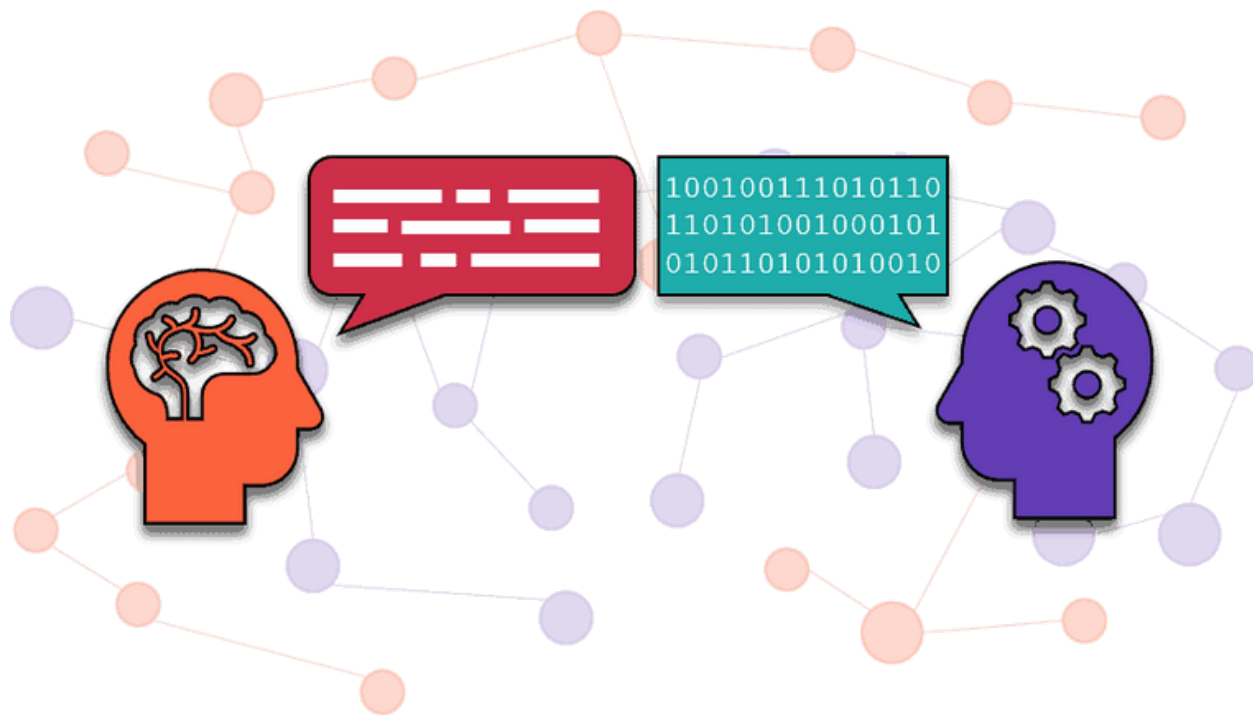
They do this by predicting the most likely next word based on the context of the previous words.

One of their strengths is understanding **context**. They can provide relevant responses by considering the entire conversation or the context of a question.



This **contextual understanding** is crucial for generating coherent and meaningful responses.

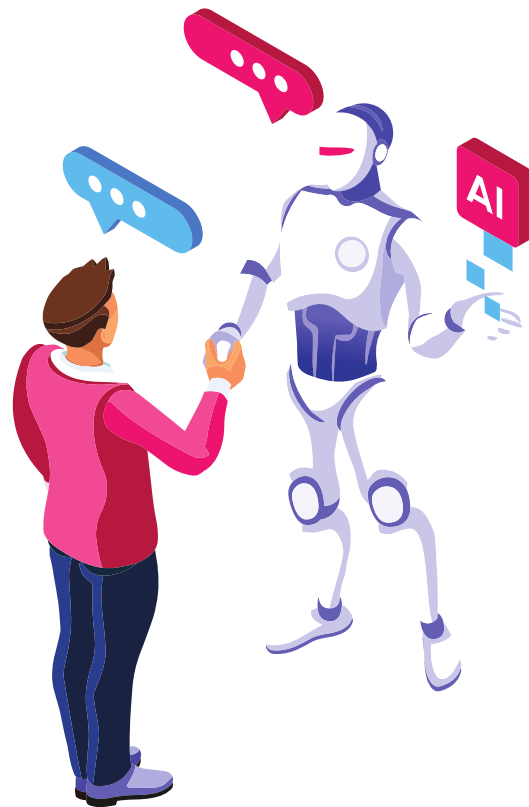
These models are a part of the field of **Natural Language Processing**, which focuses on enabling computers to understand, interpret, and generate **human language**.



Large language models are a **major breakthrough in NLP**.

Large language models have found applications in various fields like **chatbots, content generation, translation**, and more.

The most famous ones are **ChatGPT** and **Bard**.



They are used to automate tasks that require understanding and generation of human language, making them valuable in a wide range of industries.