## Knowledge Representation

Representing information about the world in a form that a that a computer system can use to solve complex tasks.

## Natural Language Processing (NLP)

The ability for computers to understand spoken language by breaking the language into smaller pieces to teaching the machine to understand the context of a language.

## Speech Recognition

The translation of speech into text or a format that machines can read.

## Comprehend

When AI enables a machine to understand the meaning of information presented to it through pattern recognition. Similar to how humans interpret information by understanding the context of the information presented.

## Facebook

A social media platform that "comprehends" by using natural language processing to look for patterns in user posts in order to understand how people feel about a certain brand or product.

## Chatbots

A computer program designed to mimic conversations with people over the Internet. This is always trying to "comprehend" the language used.

● **Technologies Behind It Are**

● **Real Life Examples**