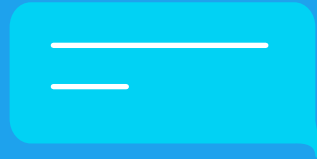




Chatbots & AI

About and Beyond





AGENDA

What a Chatbot is

History of
Chatbots

Convention
al Chatbots

AI
Chatbots

Examples
& Usages

END?

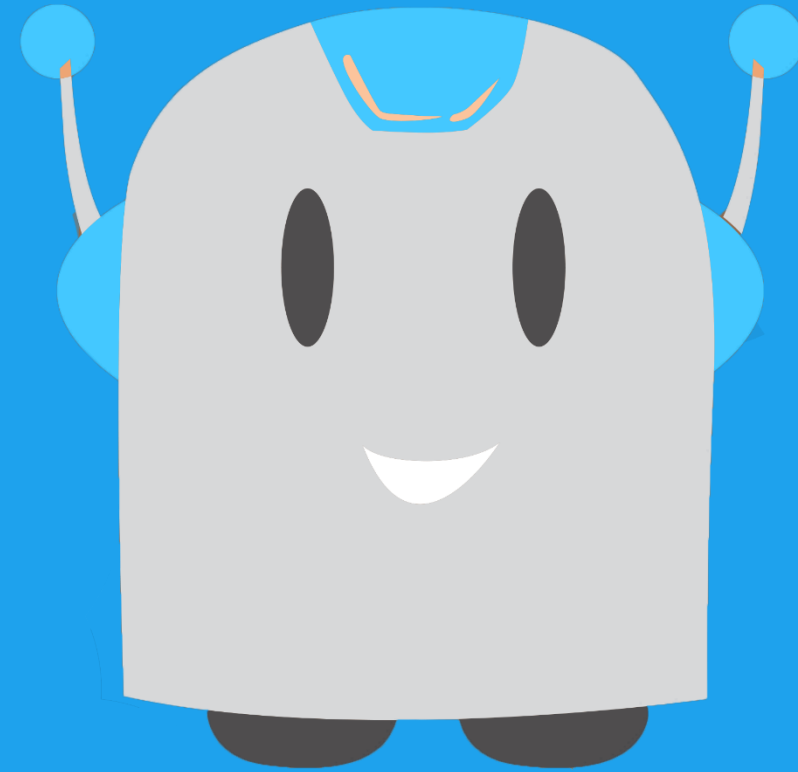


What is a Chatbot?

A chatbot is computer systems which simulate a conversation with a real human being.

They represent a text-based dialog system.


The chatbot reacts to the programmed commands with a predefined system that simulate a conversation.



Let's talk history

ELIZA

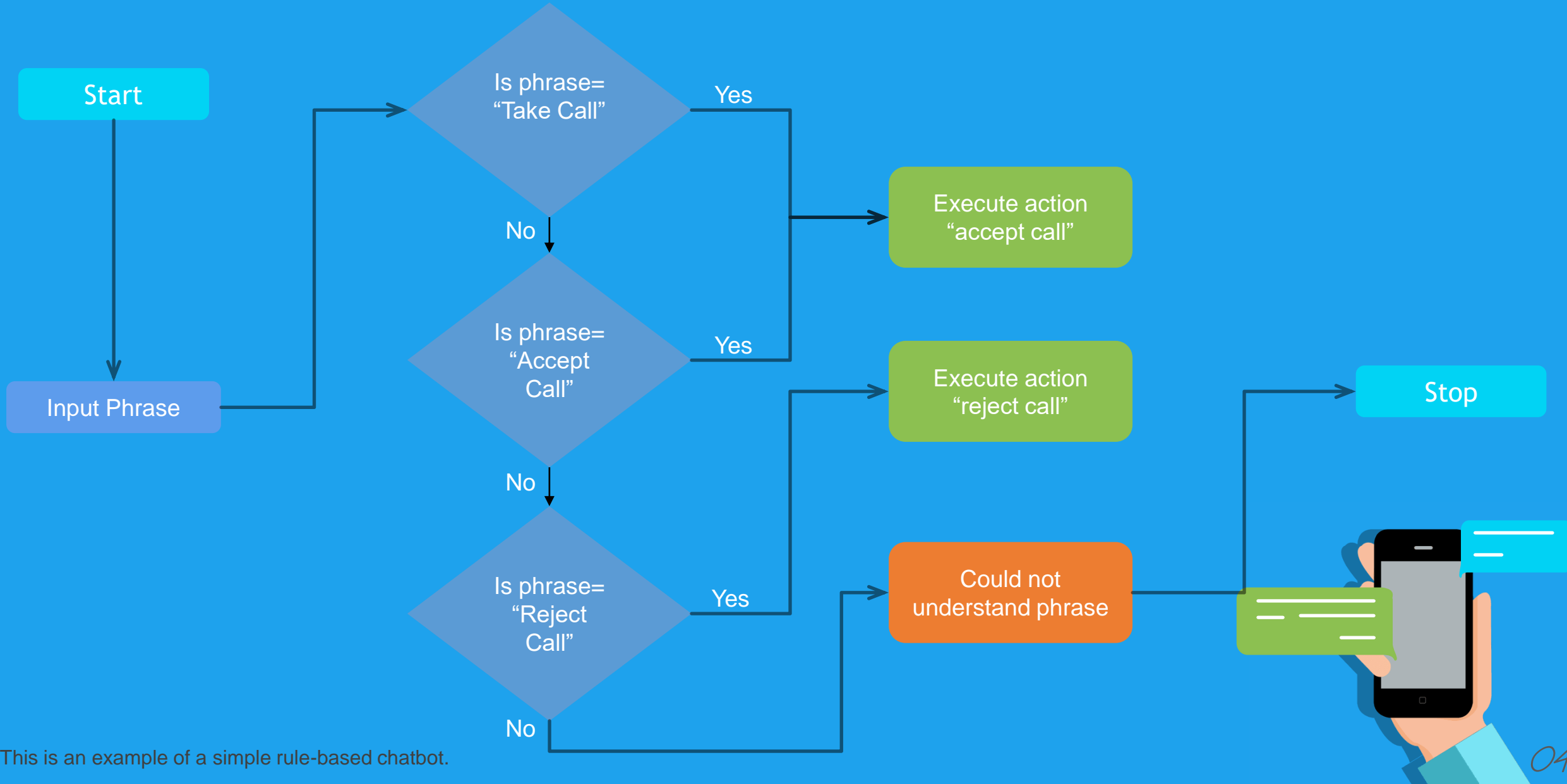
- Development started at 1966 at the MIT Artificial Intelligence Laboratory by Joseph Weizenbaum.
- Represents a Rogerian Psychotherapist.
- Was written in MAD-SLIP



```
HI USER, CAN YOU PLEASE TELL ME YOUR NAME?  
>my name is Gonzales.  
GLAD TO MEET YOU GONZALES.  
>ok Eliza!  
PLEASE BE MORE SPECIFIC.  
>what do you mean by that?  
SORRY I CAN'T PROVIDE MORE EXPLANATION ON THIS.  
>why not?  
WHY ARE YOU ASKING ME THIS?  
>i dont know.  
HOW COME YOU DONT KNOW?  
>i'm just kidding.  
WHAT MAKES YOU THINK THAT YOU ARE JUST KIDDING?  
>well, because it is true.  
SO YOU ARE TELLING ME THE REASON.  
>yes, exactly.  
YOU SOUND VERY OPTIMISTIC.  
>thank you for the compliment!  
DONT MENTION IT.  
>ok.  
PLEASE BE MORE SPECIFIC.  
>i will try to be more specific next time.  
DO YOU LIKE TALKING ABOUT YOURSELF?  
>so, you think that i was talking about myself.  
YOU ARE NOT REALLY TALKING ABOUT ME, ARE YOU?  
>well, not really.
```

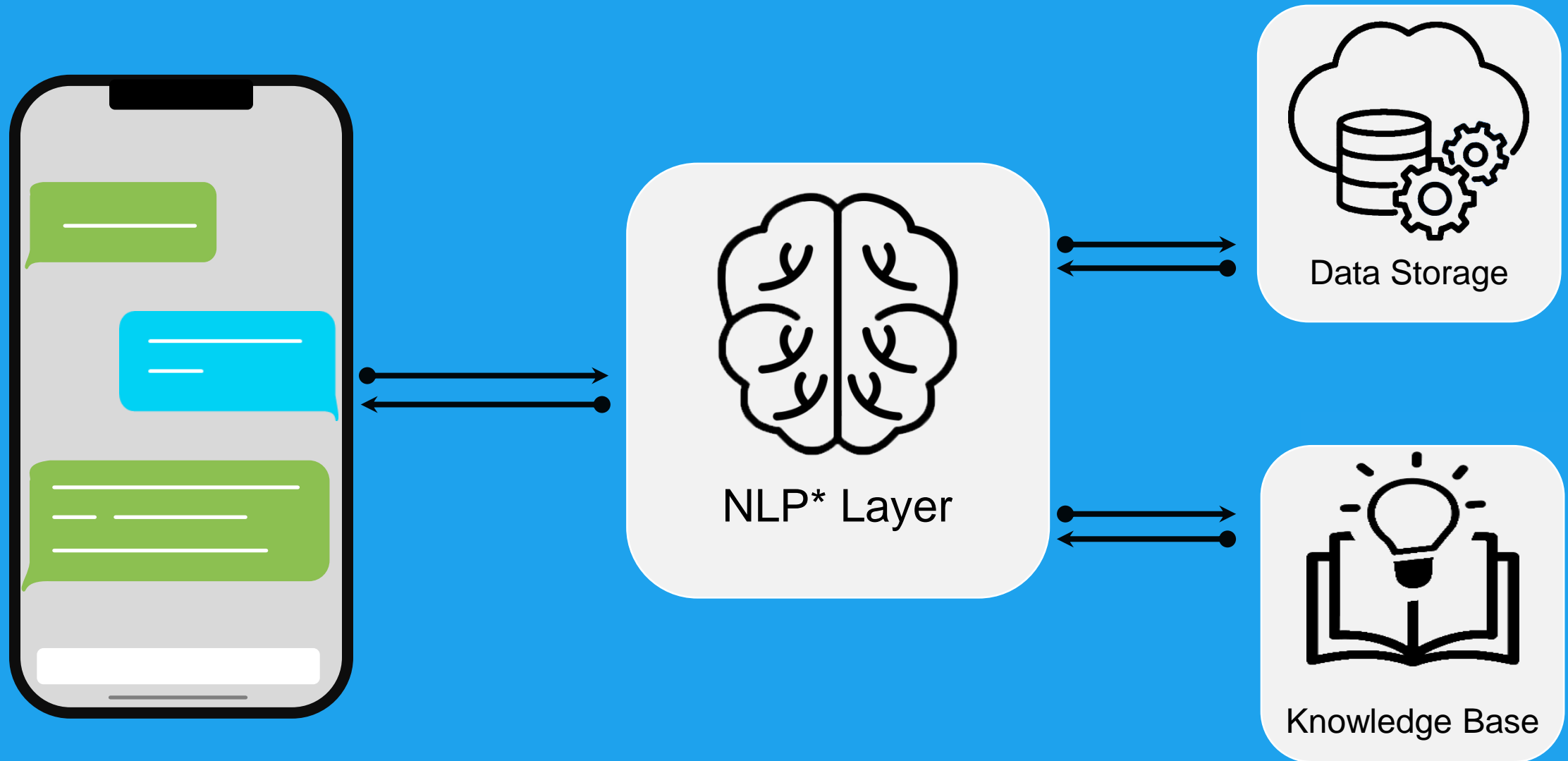


How a conventional Chatbot works



*This is an example of a simple rule-based chatbot.

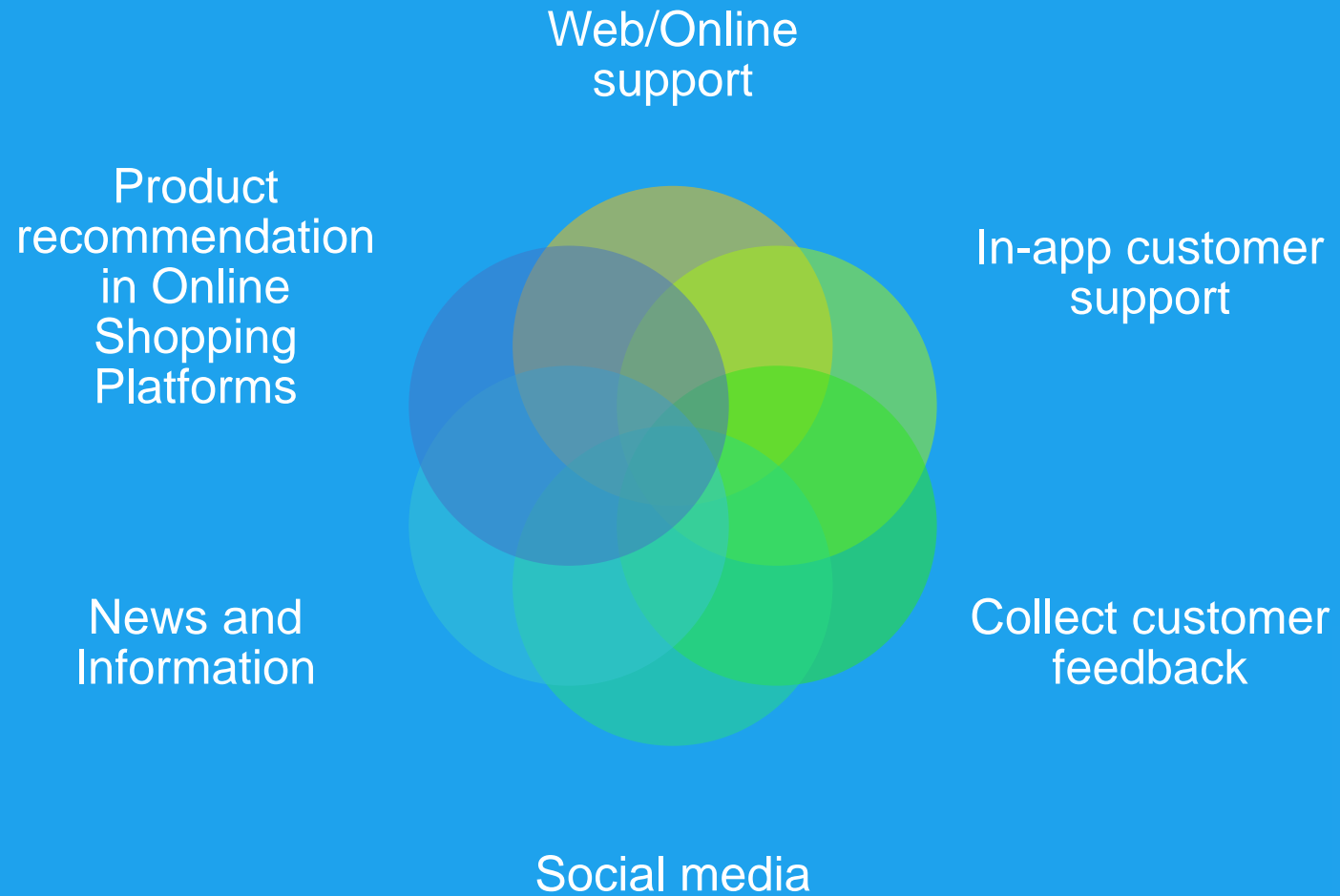
How an AI Chatbot works



* NLP stands for Natural Language Processing



Common usages of AI Chatbots





Sources we used

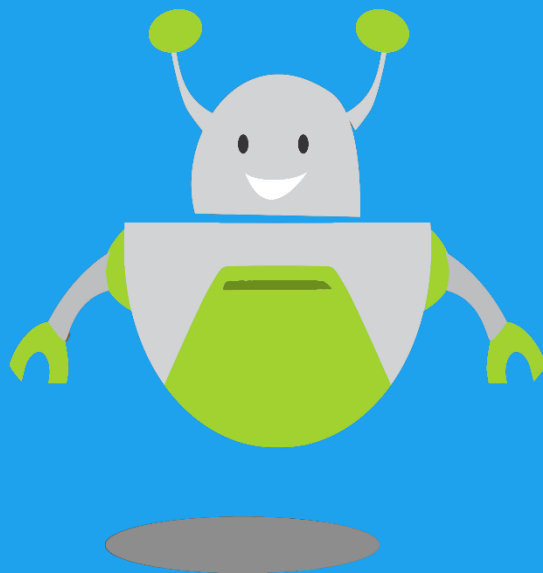
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THE END

Amir HassanEbrahimi



Ali Moshrefi

