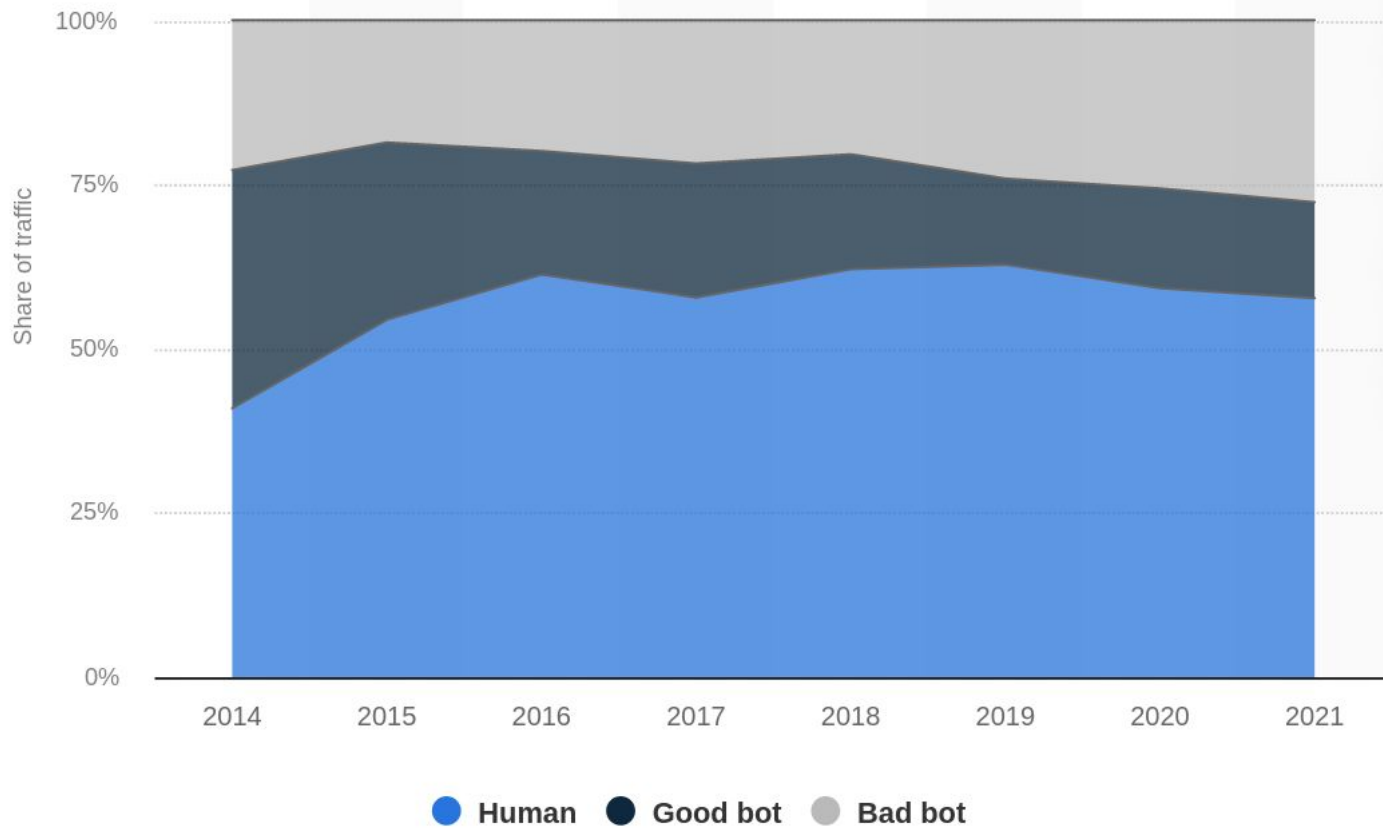


Boty internetowe - jak działają i do czego służą?

Adam Czarkowski

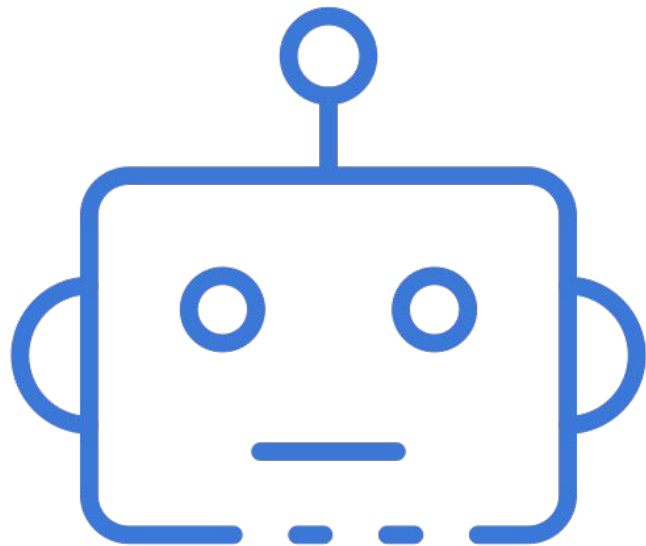


A bot is a **software program** that operates on the Internet and performs **repetitive tasks**.



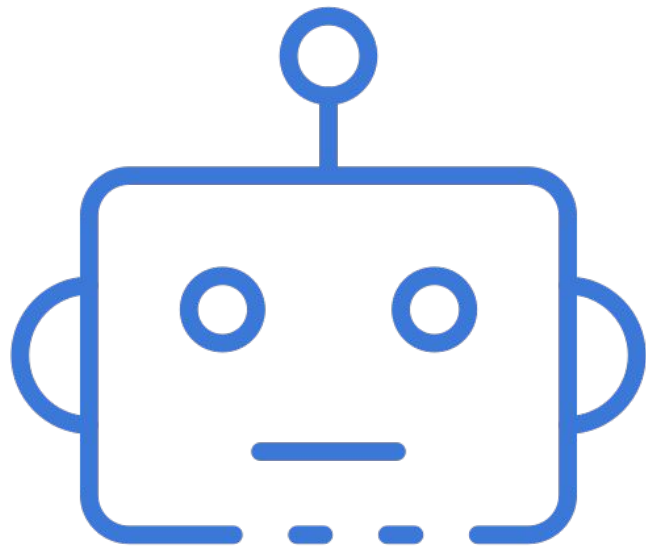
Good bots

- Search engine bots
- Copyright bots
- Site monitoring bots
- Feed bots
- Commercial bots
- Chatbots
- Personal assistant bots



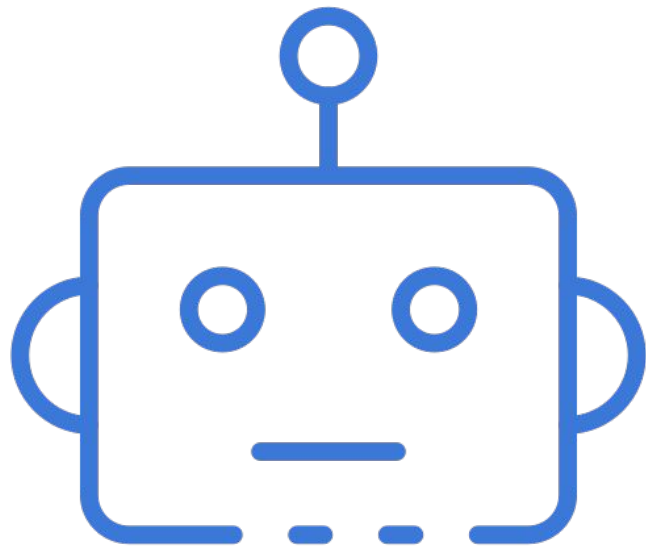
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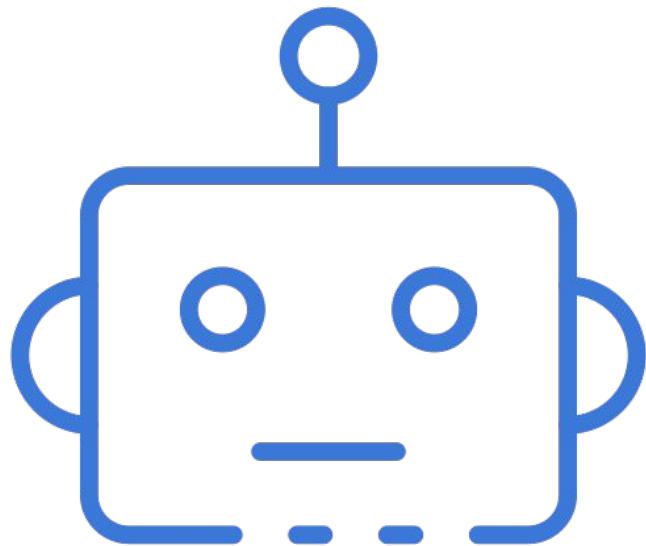
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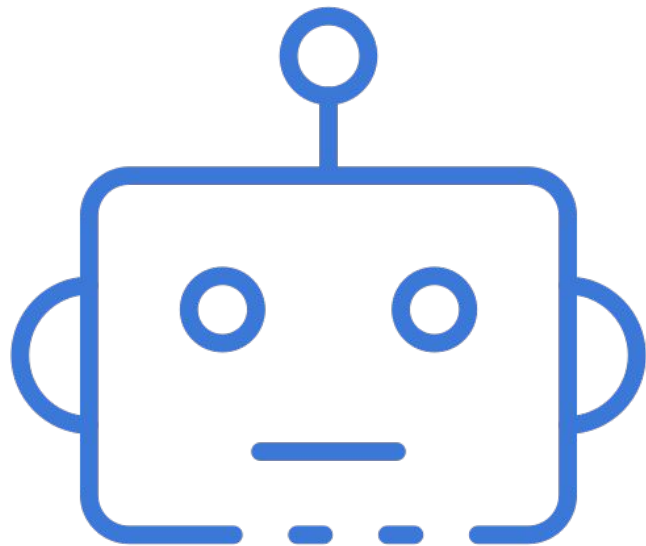
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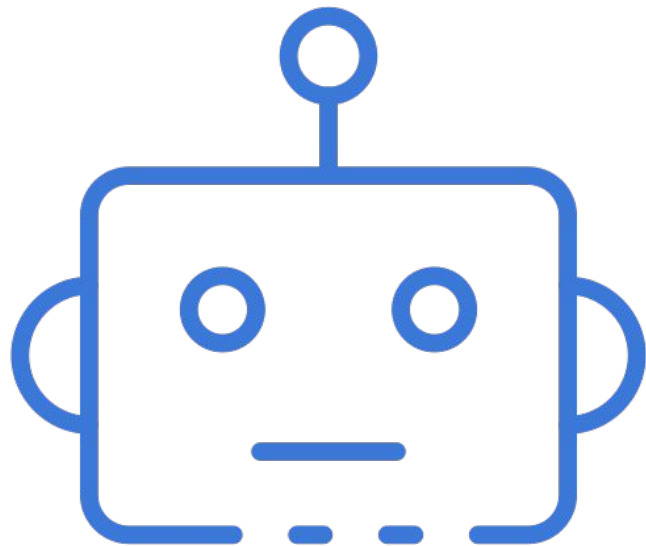
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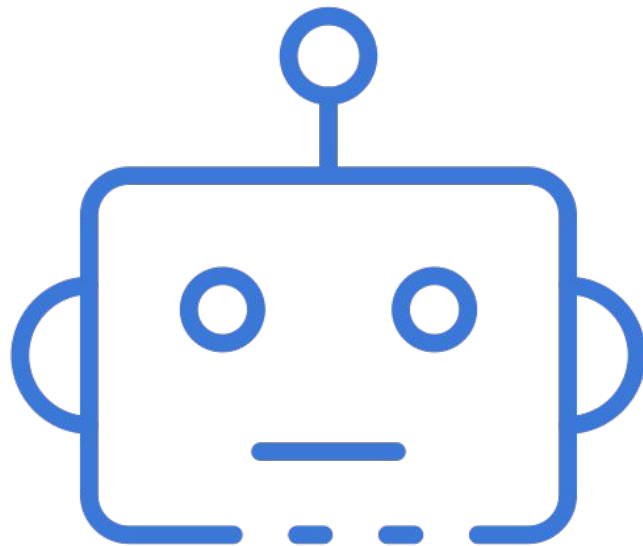
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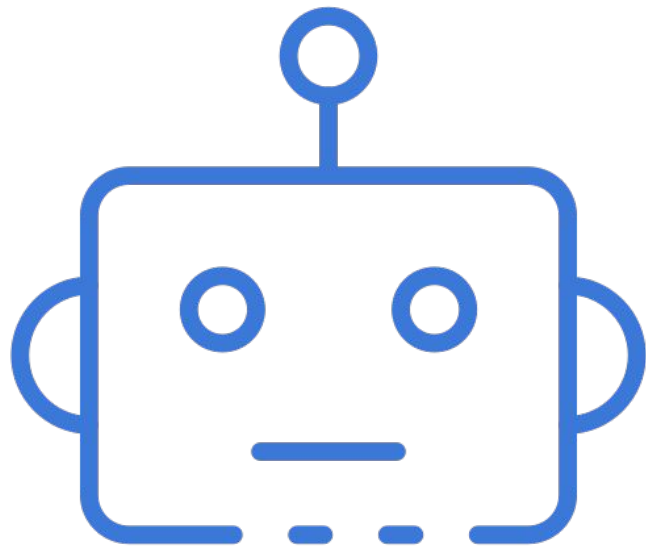
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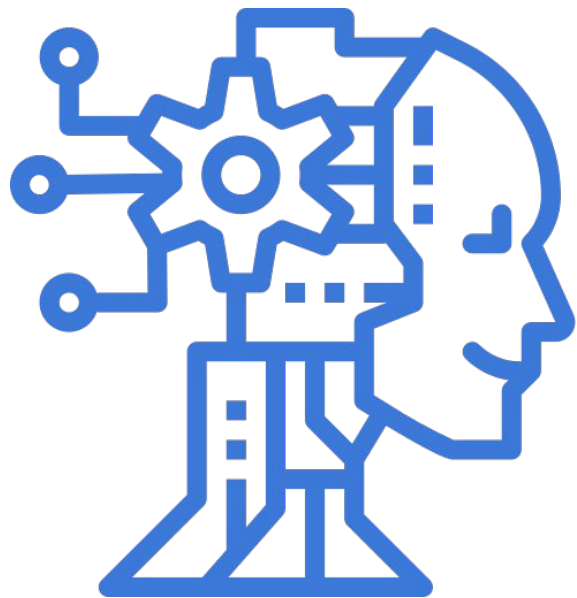
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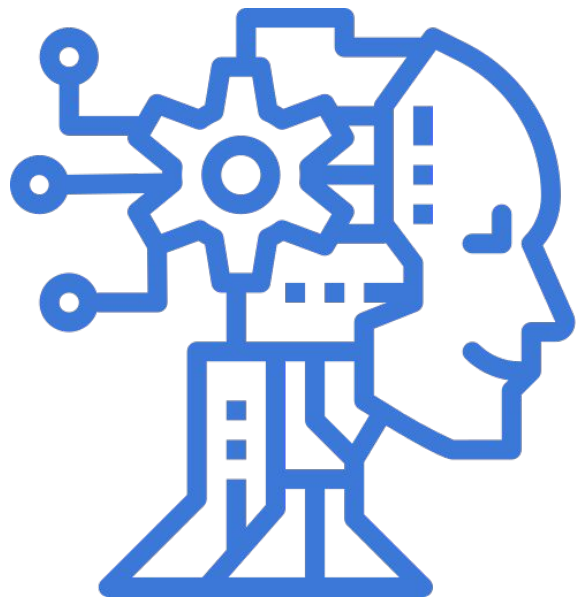
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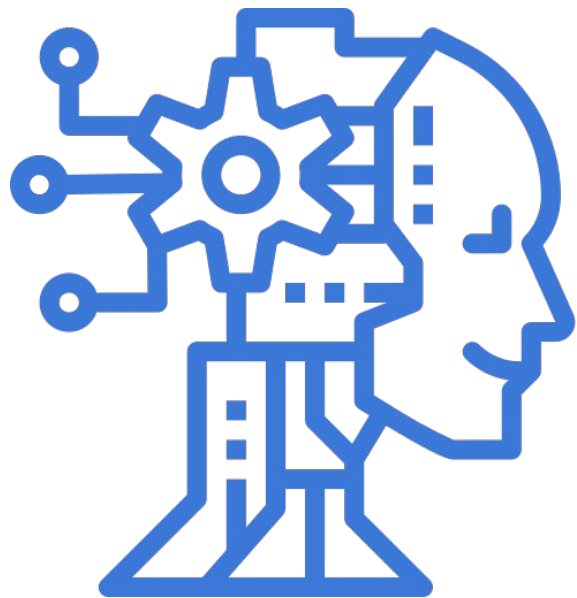
Bad bots

- DDoS
- Site scraping
- Comment spam
- SEO spam
- Fraud
- Vulnerability scanning



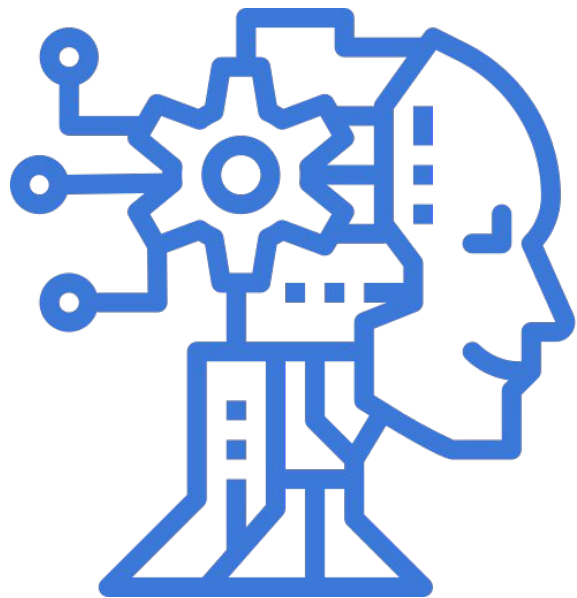
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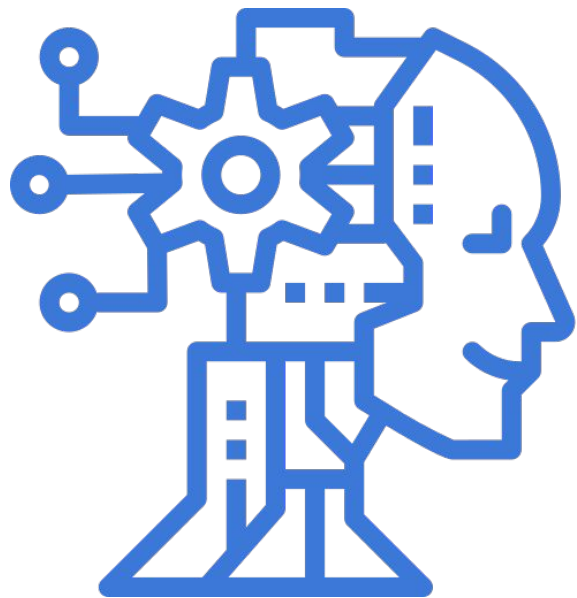
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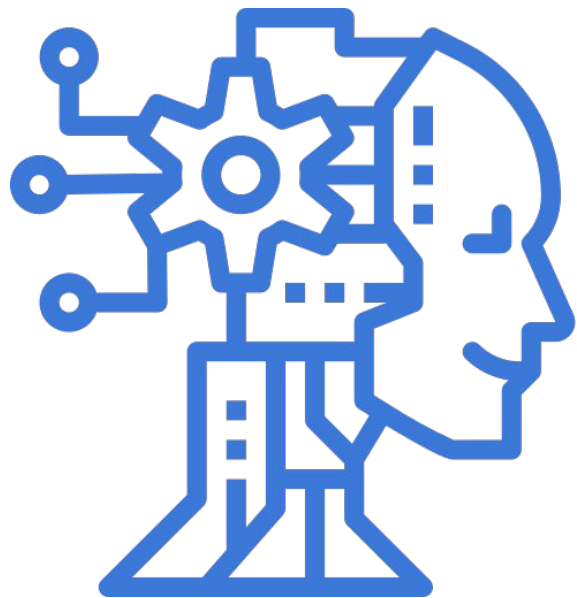
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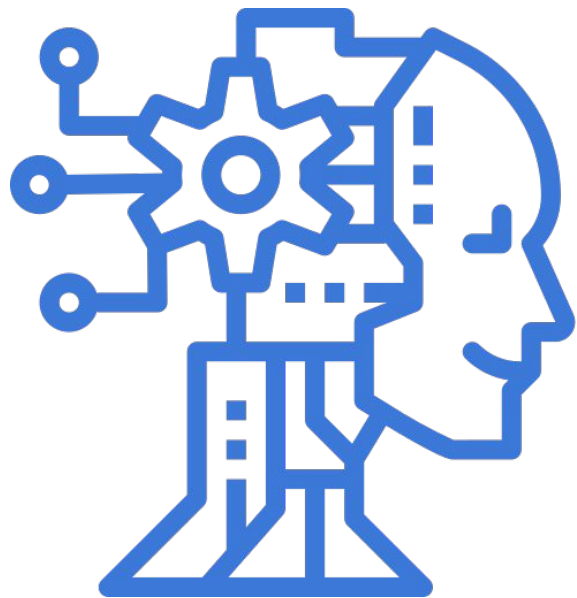
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Bad bots

- DDoS
- Site scraping
- Comment spam
- SEO spam
- **Fraud**
- Vulnerability scanning



Bad bots

- DDoS
- Site scraping
- Comment spam
- SEO spam
- Fraud
- **Vulnerability scanning**

Main components of an Internet bot



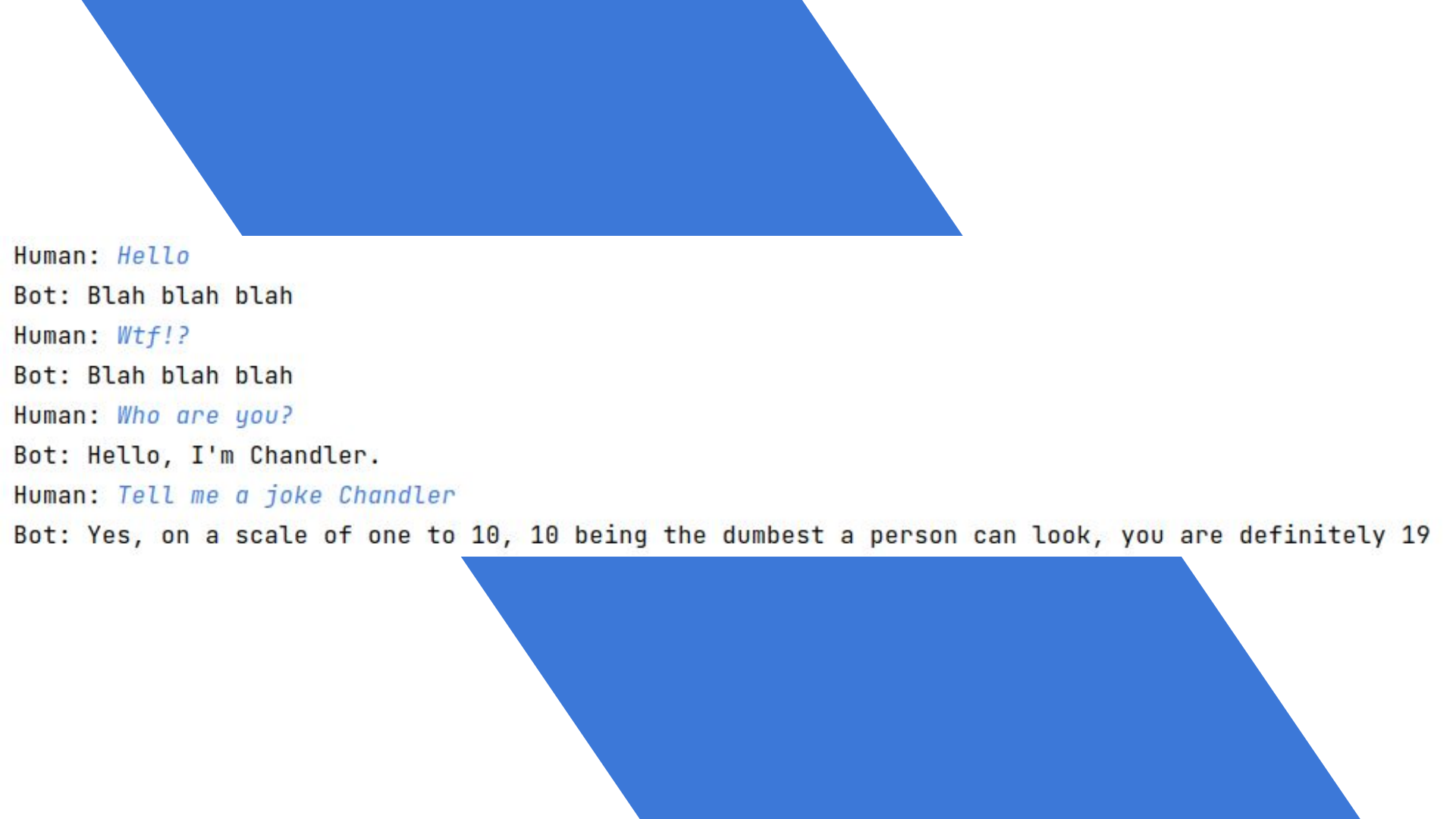
Database



Application
logic



API Integrations



Human: *Hello*

Bot: Blah blah blah

Human: *Wtf!?*

Bot: Blah blah blah

Human: *Who are you?*

Bot: Hello, I'm Chandler.

Human: *Tell me a joke Chandler*

Bot: Yes, on a scale of one to 10, 10 being the dumbest a person can look, you are definitely 19

```
1 import random
2
3 jokes = [
4     "Alright! I took the quiz and it turns out I do put career over men.",
5     "Yes, on a scale of one to 10, 10 being the dumbest a person can look, you are definitely 19",
6     "I'm not great at advice. Can I interest you with a sarcastic comment?",
7     "Ok, you have to stop the Q-tip when there's resistance!",
8     "What do you know? You're a door. You only like knock knock jokes.",
9     "Until I was 25, I thought that the only response to 'I love you' was 'Oh, crap!'"
10 ]
11
12
13 def get_reply(message):
14     if 'who' in message.lower() and 'you' in message.lower():
15         reply = "Hello, I'm Chandler."
16     elif 'joke' in message:
17         reply = random.choice(jokes)
18     else:
19         reply = "Blah blah blah"
20     print('Bot: ' + reply)
21
22
23 human_input = ""
24 while "bye" not in human_input:
25     human_input = input('Human: ')
26     get_reply(human_input)
27
```

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