Understand Tools to Create an AI Based Chatbots

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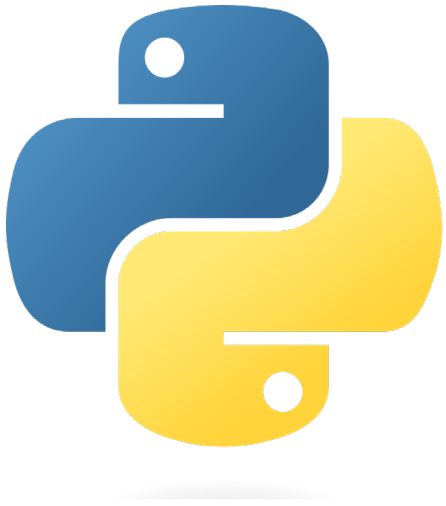
Overview

- Ways to Build an AI Chatbot

- Technology available to use to Build

What options do you have to build an AI Based Chatbot?

Code

Python   **JavaScript**   **Swift**   **Java**

Code
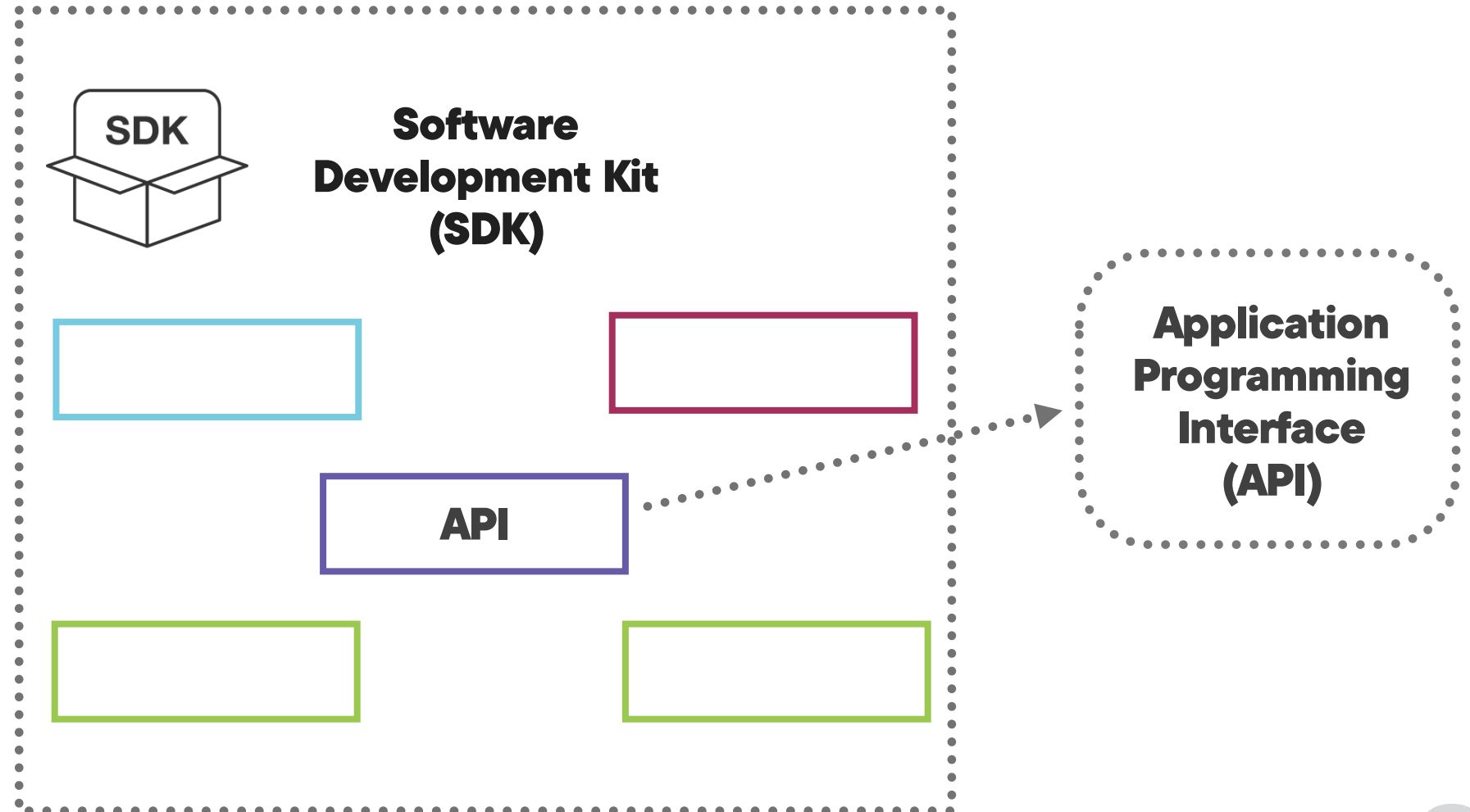
Software Development Kit (SDK)

Microsoft Bot Framework

Microsoft
Bot Framework

Developers can model and build with their favorite programming languages e.g. C#, JS, Python, Java or using Bot Framework Composer

NodeJS

A cross-platform, open-source server with a JavaScript backend

- **Easy for developers to use JavaScript for code**

- **Examples: DialogFlow, ChatterBot**

Application Programming Interface (API)

Google Chat API

Facebook Messenger API
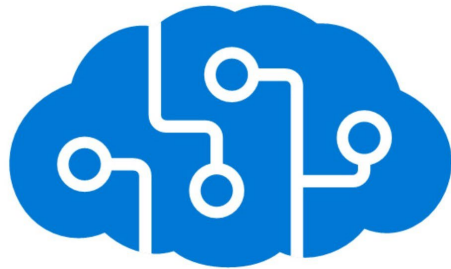
Bing API

OpenAI API

AI Chatbot Builder

Azure Cognitive Service

Pre-Built AI Solutions

- **Leverage AI via API**

- **Question Answering**

  - **Create a Knowledge Base**

  - **Train and Test it**

  - **Learns from user behaviour**

AI Chatbot Builder

Tidio

Mobile Monkey

Botsify

Microsoft Power Virtual Agent

Test bot

Track between topics ⬤

↻ Reset

Chat ⚐

🤖 If you'd like to speak to a human agent, let me know at any time.

🤖 So, what can I help you with today?

Just now

Are there any stores around me? 👤

Just now

🤖 I'd be glad to help find a store near you.

🤖 Which location are you interested in?

Just now

Kirkland 👤

Just now

🤖 Our Kirkland is located in downtown Kirkland. The address is: 1234 Central Way, Kirkland, 98321.

🤖 Did that answer your question?

Just now

[Yes] [No]

Type your message ➤

End of Conversation

↻ Discard changes ↶ Undo ↷ Redo 🔖 Topic checker 💾 Save

✓

Trigger Phrases

Trigger phrases... 👤

✓

Question ⋮

🤖 Ask a question

Did that answer your question?

Identify

⊞ Boolean ⟩

Save response as

{x} PRR Survey Question (Boolean) ✎

Condition ⋮

{x} PRR Survey Question (Boolean) ✕

is equal to ⌄

True ⌄

Condition ⋮

{x} PRR Survey Question (Boolean) ✕

is equal to ⌄

False ⌄

Conditic

All other

Redirect ⋮

◉ Confirmed Success

Redirect ⋮

◉ Confirmed Failure

Summary

- Defined Chatbots
- Understood the different Types of Chatbots
  - Rule Based Chatbots
  - AI Based Chatbots
    - Example of AI Based Chatbots
- Components of an AI Chatbot
  - Natural Language Processing
  - Machine Learning
  - Knowledge Base
- Understanding Intent
- Industry Examples of AI Chatbots
  - Customer Service Industry Chatbot
- Options Available to Build a Chatbot
  - Code, SDK, API
- Chatbot Builder