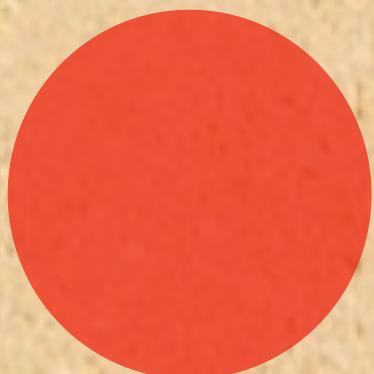
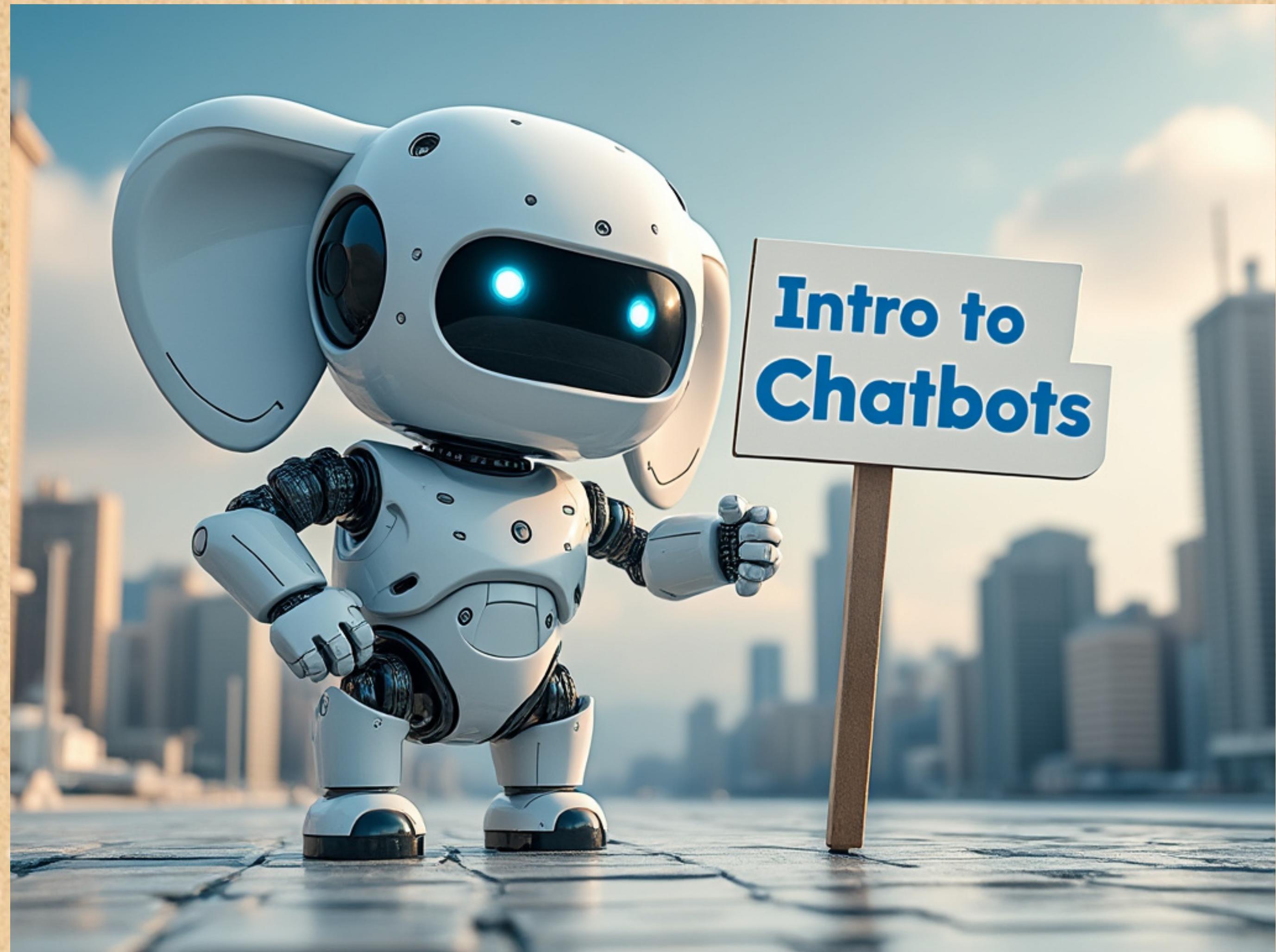


Module 2 - Topic 1

2.1.1 Intro to Chatbots



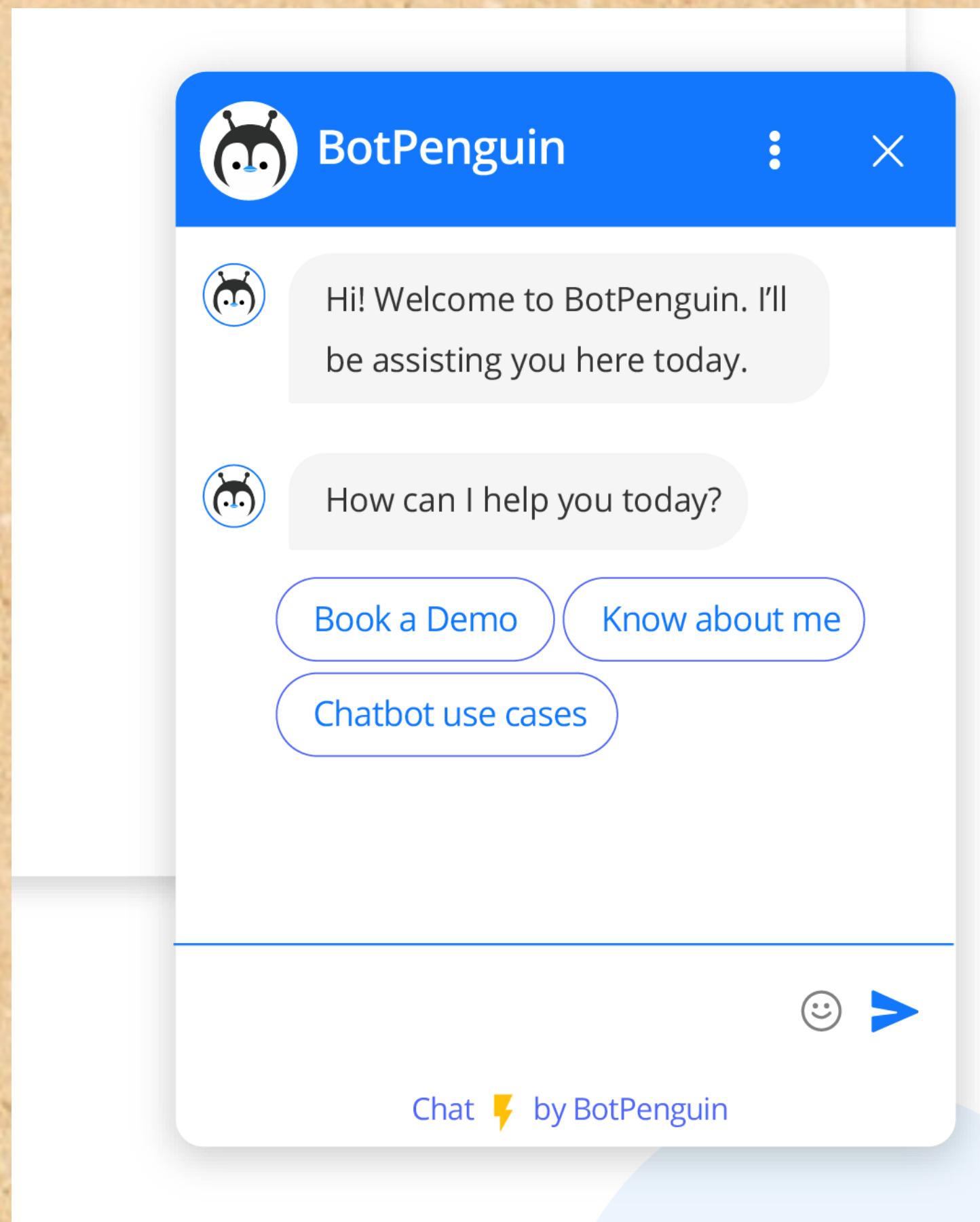


Chatbots, Chatbots, Chatbots....

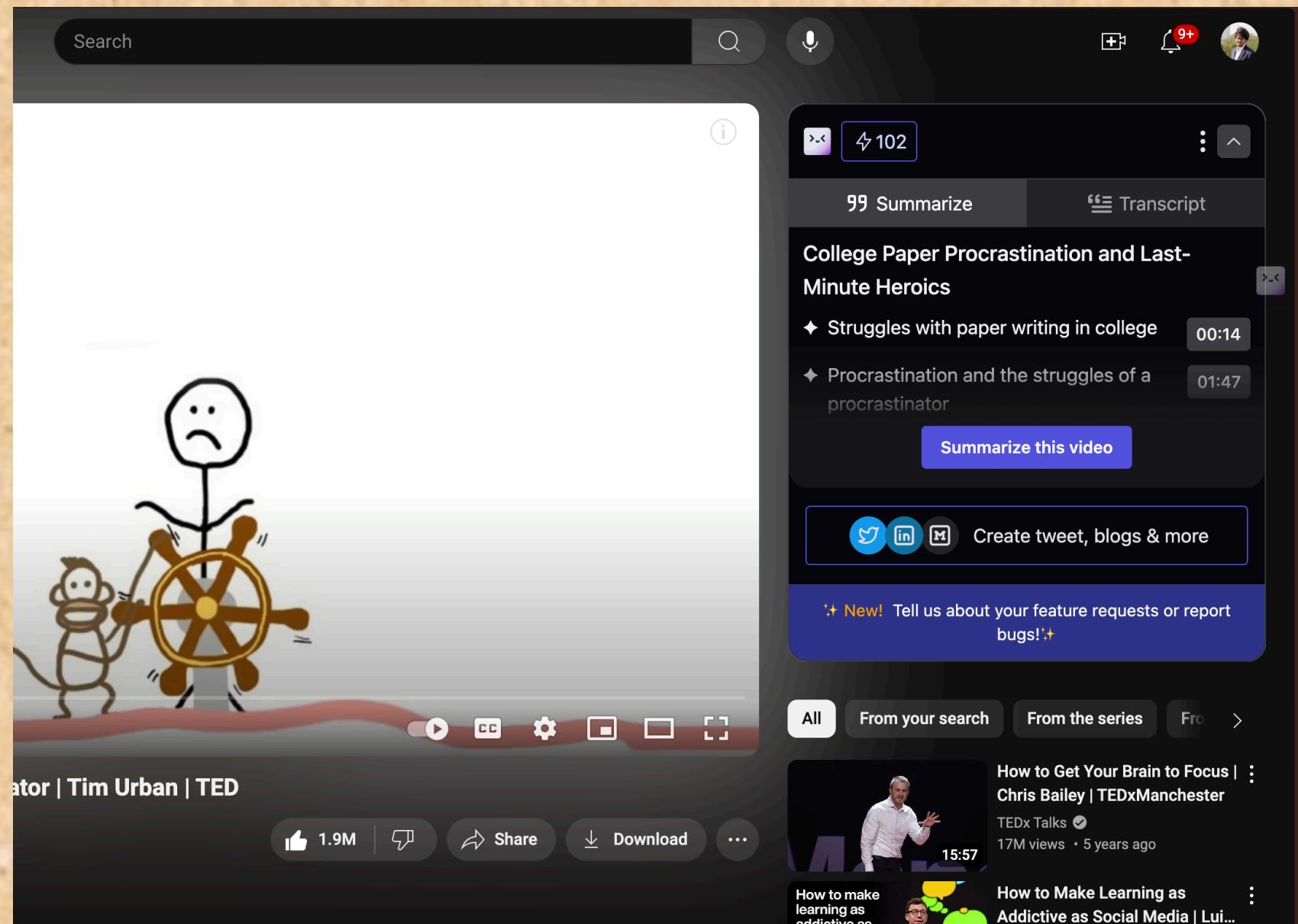
- First time the world interacted with Gen AI was through Chatbot
- Majority of Gen AI apps use a chat interface
- Learning the inner workings of chatbot is essential!



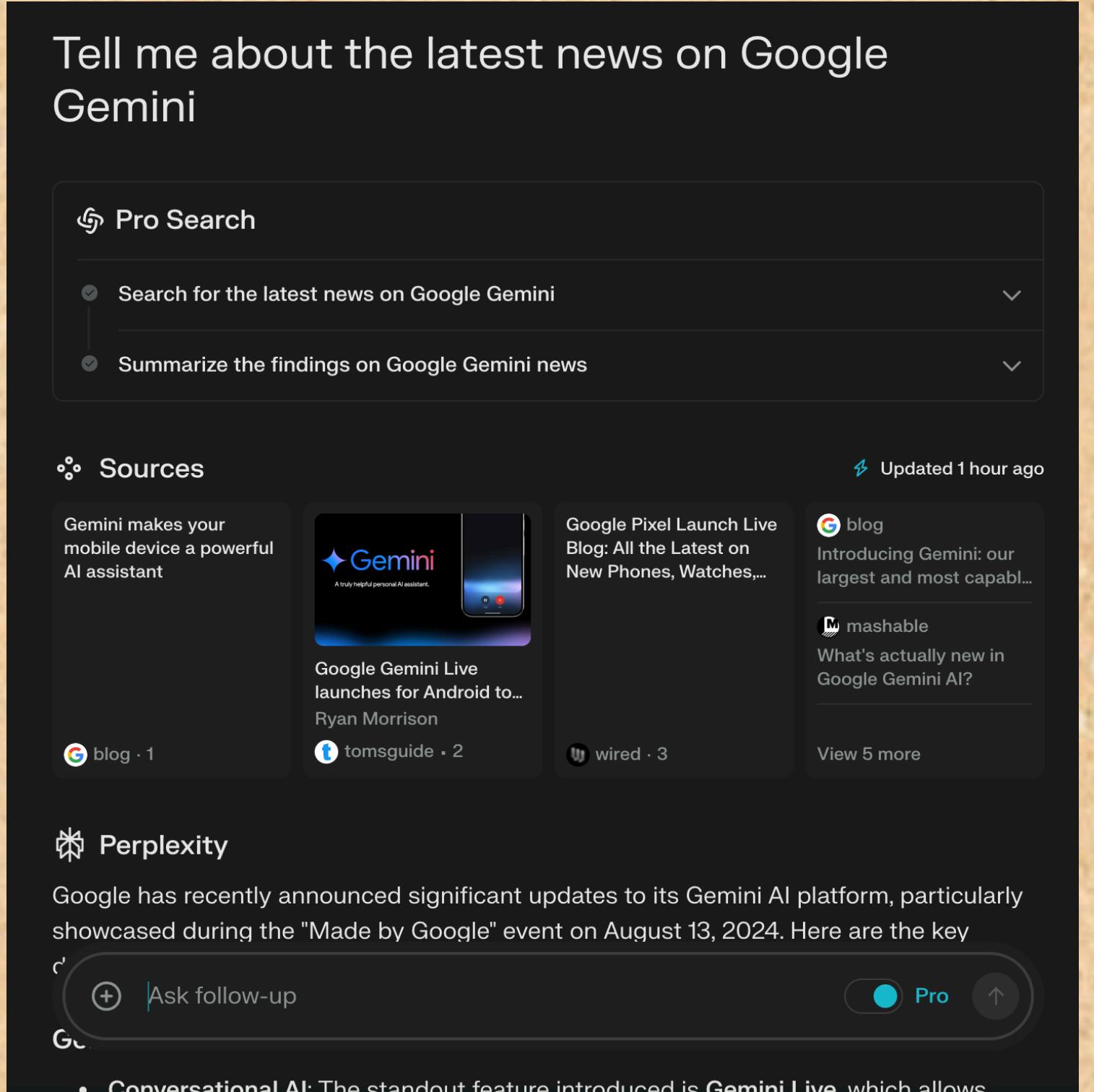
Use cases



The screenshot shows the BotPenguin AI interface. At the top, there's a blue header with the BotPenguin logo and a search bar. Below the header, a message from the bot says: "Hi! Welcome to BotPenguin. I'll be assisting you here today." There are three buttons at the bottom: "Book a Demo", "Know about me", and "Chatbot use cases". At the very bottom, there's a "Chat ⚡ by BotPenguin" button with a smiley face icon and a right-pointing arrow.



This screenshot shows a YouTube video player interface. The video title is "College Paper Procrastination and Last-Minute Heroics" by Tim Urban | TED. The video has 1.9M views and is 15:57 long. The player includes standard controls like play/pause, volume, and download. Above the video, there's a sidebar with options like "Summarize" and "Transcript". A cartoon illustration of a stick figure with a sad face is overlaid on the video frame.



The screenshot shows a search results page for "Tell me about the latest news on Google Gemini". The first result is under the "Pro Search" section, titled "Search for the latest news on Google Gemini" with two checked checkboxes for "Search for the latest news on Google Gemini" and "Summarize the findings on Google Gemini news". Below this, there's a "Sources" section with several news articles. One article from "mashable" discusses "What's actually new in Google Gemini AI?". The "Perplexity" section at the bottom provides a summary of recent updates to the Gemini AI platform, mentioning "Gemini Live".

Essentials of Chatbots

- Chat Completions API
- Types of Messages
- Memory Component
- Chat Templates