

# MedyBot: Medical Assistant Chatbot

MedyBot is a simple command-line medical assistant chatbot powered by Google Gemini. It can answer health questions, suggest over-the-counter medicines, and provide general advice, but always reminds users to consult a real doctor for serious issues.

## Features

- Friendly, empathetic responses
- General medicine suggestions (with disclaimers)
- Reminds users to consult a real doctor
- Maintains conversation context
- Uses Google Gemini API for responses

## Requirements

- Python 3.7+
- google-generativeai Python package
- python-dotenv

## Installation

1. Clone this repository or download the script.
2. Install dependencies:

```
pip install -r requirements.txt
```

## Setup

1. Get your Gemini API key from Google AI Studio or your Google Cloud Console.
2. Set your API key as an environment variable:
  - **Linux/Mac:**  
`export GEMINI_API_KEY=your-key-here`
  - **Windows CMD:**  
`set GEMINI_API_KEY=your-key-here`
  - **Windows PowerShell:**  
`$env:GEMINI_API_KEY="your-key-here"`  
Or, create a `.env` file in the project directory with:  
`GEMINI_API_KEY=your-key-here`

## Usage

Run the chatbot with:

```
python chat_bot.py
```

Type your questions and MedyBot will respond. Type **exit**, **quit**, or **bye** to end the conversation.

### **How it works**

- The chatbot maintains a conversation history in memory, sending the full history to the Gemini model for context-aware responses.
- The assistant is instructed to act as Dr. Maya, the medical assistant at Wellness Medical Center, and never refer to itself as an AI.
- The bot can help book appointments with a list of available doctors, and always reminds users to consult a real doctor for serious issues.

### **Disclaimer**

This chatbot is for educational/demo purposes only and should not be used as a substitute for professional medical advice.