**Health Chatbot**

Abstract:

This project implements an AI-driven Health Chatbot, capable of providing basic medical guidance based on user queries. It is a rule-based chatbot that maps user inputs to predefined responses. The chatbot covers common health issues such as fever, cold, cough, headache, diabetes, and hypertension, suggesting possible causes and over-the-counter treatments.

The chatbot does not replace medical professionals but serves as a first-level advisory tool for general health concerns. It can be extended using Natural Language Processing (NLP) and Machine Learning models for a more interactive and intelligent response system.

Prerequisites:

* Python (for scripting)
* Dictionary-based Response Handling (mapping symptoms to responses)
* Random Module (for selecting responses)
* Basic NLP Techniques (for advanced chatbot functionality)
* Flask/Django (Optional) (for deploying as a web-based chatbot)
* Speech Recognition & Text-to-Speech (Optional) (for voice interaction)