"AI-powered Symptom Checker" for Improved Health Awareness

This project proposes the development of an AI-powered chatbot to function as a symptom checker.

Goal: Leverage machine learning and natural language processing (NLP) to analyze user-reported symptoms and suggest:

Potential medical causes: Appropriate next steps (self-care or contacting a doctor)

Target Users: Individuals seeking initial guidance for their health concerns.

Methods: Train a machine learning model on a dataset of symptoms and diagnoses.

Design a user-friendly chatbot interface for symptom input and receiving AI feedback.

Focus on a limited set of common symptoms for initial development (ensuring accuracy).

Expected Outcome: A functional AI-powered symptom checker prototype.

Increased health awareness by providing users with initial guidance on their health concerns.

Impact: Empower users with a tool for self-care and timely medical intervention when necessary.

Keywords: AI, Machine Learning, NLP, Chatbot, Health, Symptom Checker