Medical Assistant Chatbot (Med Bot)

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**Abstract -** Many times a patient might underestimate an underlying health condition and neglects it which may worsen over a time and cause a life terminating disease and sometimes a person might irrationally worry about having a serious medical condition leading to unnecessary health anxiety. Patients in both these scenarios can be helped by having an interface that can predict if he/she has a serious medical condition or it’s just health anxiety.

A chatbot is one such interface that can be deployed to gain information of a patient’s symptoms and determine the underlying medical conditions if any based on the information given by the patient with great accuracy without having to visit a clinic or a doctor. So these chatbots can act as a bridge between a patient and a doctor.

Chatbots can be deployed using various technologies such as Deep Learning, Artificial Intelligence, etc. Using deep learning algorithms and long-short term memory networks a chatbot can be developed and accuracy as great as or more than 80% can be achieved.

Keywords: Deep Learning, KNN, SVM, Machine Learning, Medical Assistant Chatbot.