

Literature Study First Paper:

Compassion Driven Conversational Chatbot Aimed for better Mental Health

SUMMARY

Recent studies states that atleast 6.5% of India's population suffers from some form of the serious mental disorder & also around 450 million people currently suffer from mental health conditions. Many people suffering from this do not even wish to talk about it due to fear of being judged & treated differently. Due to lack of doctors & not many resources for people, this issue cannot be solved. Therefore, a compassion driven AI Chatbot named as 'Buddy' is developed. It initiates positive conversations, builds mental resilience & focuses on improving mental well being using a text-based conversational interface of the user. It uses RNN for learning & NLP for understanding & generating response for user.

The chatbot responds to users emotions over textual conversations & encourages to manage anxiety, depression, loss etc.

How it is related to project?

We aim to develop a chatbot application with several features to help people come out of this worse situation, who experiences increased stress, fear & anxiety during this pandemic. So one of the feature focuses on improving mental wellbeing of people & help them to manage anxiety; depression, loss, focus, etc. which is really important especially when people are living alone away from friends, family, relatives, etc.