Chatbot with AI

END TERM REPORT

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Student Declaration

This is to declare that this report has been written by us. No part of the report is copied from other sources. All information included from other sources have been acknowledged. We aver that if any part of this report is found copied, we shall take full responsibility for it.

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Objectives

1.To create an Intelligent Chatbot using Python and Machine Learning.

2.To make people aware about Corona Virus.

3.To resolve common queries of people about corona virus.

4.To use technology such as Machine Learning for the benefit of our society.

Description

Corona Virus is now a pandemic as declared by World Health Organization.

With about 1.2 million and rising cases globally it is one of the most dangerous viruses world has ever seen.

However it is noticed that many myths, fake news, and rumors are viral all over the internet and social media such as whatsapp,Facebook,Twitter and many more other apps and platforms.

Many People are still not aware of virus, its basic knowledge such as what is the corona virus, what are the common symptoms etc.

A chatbot or Artificial Conversational Entity is a computer program or an Artificial Intelligence which Conducts a conversation via auditory or textual methods(Textual in our case).

We have used NLP i.e Natural Language Processing using NLTK,TF-IDF and Cosine Similarity function.

To help people resolve their queries, this chatbot can extract text from any given URL websites and provide the most similar response for the query entered by the user.

For help we have taken reference from websites like Towards data science and YouTube channels like Computer Science.

Bonafide Certificate

Certified that this project report “Chatbot with AI” is the Bonafide work of

“Mr. Atiqueahmed Nadaf, Dileep Jalli and Mr. Rahul Kumar” who carried out the project under my supervision.