

CHAT BOT FOR COLLEGE USING ARTIFICIAL INTELLIGENCE

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ABSTRACT

Chatbot is an application where the computer talks with the user like an human. The software can understand the discussion it is having with the user and respond accordingly. Chatbot uses the concepts of Natural Language Processing (NLP) and Artificial Intelligence to achieve this task . They utilize Machine Learning and Artificial Intelligence technologies like voice recognition, speech-to-text conversion algorithms, etc to interpret the user's sentiments. NLP is an applied artificial intelligence (AI) program that helps your chatbot analyze and understand the natural human language communicated with your customers. With NLP, your chatbot will be able to streamline more tailored, unique responses, interpret and answer new questions or commands, and improve the customer's experience according to their needs. Using NLP technology, you can help a machine understand human speech and spoken words. NLP combines computational linguistics that is the rule-based modelling of the human spoken language with intelligent algorithms such as statistical, machine, and deep learning algorithms.

