

Infobot - Web Based Chatbot

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Abstract: A web based chatbot is designed to interact with users via text or voice on a website. The purpose of web based chatbot is to provide a immediate assistance to users by answering frequently asked questions, providing information, and facilitating transactions. A web-based chatbot is an AI-powered software program that enables online conversations with website visitors. The chatbot is designed to simulate human-like interactions, providing personalized assistance and support to users. It can be programmed to respond to specific queries, guide users through various processes, and even help them make purchase decisions. The web-based chatbot is a powerful tool that enhances customer experience, boosts engagement, and streamlines business operations. Its ability to operate 24x7 and handle multiple users simultaneously makes it a cost-effective solution for businesses looking to improve customer service and increase their online presence. Nowadays, a lot of corporate websites have started adopting chatbots as support, whether it be for finance or as a means of virtual contact. Sequential Algorithm from Keras and RNN based Deep Learning Model are the algorithms used. The response time of our chatbot to the user queries is 0.2 milli seconds. And the loss time for our chatbot to the user queries is 0.03 milli seconds.

Keywords: chatbot, website, python, flask, deep-learning

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