

To Design and Develop AI based Chatbot for College Assistance

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Abstract: *AI is the ability of a computer or a robot controlled by a computer to do tasks that are usually done by humans because they require human intelligence and discernment. Artificial intelligence and its applications are endless. In the simplest terms, machine learning (ML) is a subset of AI. Its core lies in the idea that computer systems can learn on their own from data obtained from performing previous tasks and past experiences. That means that you don't have to pre-program an AI device every time you need it to work on a job. This takes ML up a notch. This subset of AI refers to a system's ability to take unstructured data from multiple sources, analyze it, and apply it to solve new problems. Deep learning is also known as "differential programming." Artificial neural network refers to a system or an algorithm used in deep learning that mimics how the human brain's neural circuits function, such as when making sense of things and events.*

Keywords: College Assistance

REFERENCES

- [1]. Drishti Malik Vibhor Sharma, Monika Goyal, "An intelligent behaviour shown by chatbot system", International Journal of New Technology and Research, 2017.
- [2]. Balbir Singh Bani, Ajay Pratap Singh, "College Enquiry Chatbot Using A.L.I.C.E", International Journal of New Technology and Research 2017.
- [3]. Nitesh Thakur, Akshay Hiwrale, Sourabh Selote, Abhijeet Shinde, Prof. Namrata Mahakalkar, "Artificially Intelligent Chatbot", Department of Computer Science & Engineering, Priyadarshini Institute of Engineering & Technology, Nagpur.
- [4]. M. Dahiya, "A tool of conversation: Chatbot", Dept. of Computer Science, Maharaja Surajmal Institute, Janakpuri, India, 2017.
- [5]. Tracy A. Tindall Michael G. Makar, "Dynamic chatbot".
- [6]. B. R. Ranoliya, N. Raghuwanshi and S. Singh, "Chatbot for University Related FAQs", 2017 International Conference on Advances in Computing, Communications and Informatics (ICACCI), Udupi, 2017.
- [7]. Amey Tiwari, Rahul Talekar, Prof.S.M.Patil, "College Information ChatBot System", International Journal of Engineering Research and General Science 2017.
- [8]. Himanshu Agarwal, Rameshwari Deshmukh, Supriya Biradar, BhagyashriCheke, "Chat-Bot Real Virtual Human", International Journal of Advanced Research in Computer and Communication Engineering 2018.
- [9]. Anirudh Khanna, Bishwajeet Pandey, Kushagra Vashishta, Kartik Kalia, Bhale Pradeepkumar and Teerath Das, "A Study of Today's A.I. through Chatbots and Rediscovery of Machine Intelligence", International Journal of u- and e- Service, Science and Technology 2015.
- [10]. Sarthak V. Doshi, Suprabha B. Pawar, Akshay G. Shelar, Shraddha S. Kulkarni, "Artificial Intelligence Chatbot in Android System using Open Source Program-O", International Journal of Advanced Research in Computer and Communication Engineering, 2017.
- [11]. Fernando A. Mikic Fonte, Mart'in Llamas Nistal, Juan C. BurguilloRial, Manuel Caeiro Rodriguez, "NLAST: A natural language assistant for students", Department of Telematics Engineering, University of Vigo, Vigo, Spain.

