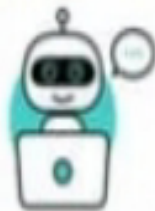# CREATE A CHATBOT IN PYTHON

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Introduction

- Chatbot is an automated software program that interacts with humans using natural language.

- Chatbot are programs that work on Artificial Intelligence(AI) & Machine Learning platform.

- This software program conducts conversation with users via textual methods

- In this project, Chatbot is developed using python programming language in google collabs.

ABSTRACT

❑The application "CHATBOT USING PYTHON" is designed by python using JSON Database structure.

❑A chatbot suits the user needs and requirements.

❑Chatbots are usually a stateful services, remembering previous commands in order to provide functionality.

❑It gives answers to the user in a text-based commands. The questions could be regarding college details.

EXISTING SYSTEM

❑User need to personally visit the college and ask the college help desk , if the student have any queries about the college.

❑It takes lot of time and money if the college is miles away from the student native place.

DISADVANTAGE:

❑The chat bot system is not known to people who do not have more knowledge about the technology

❑Even if there exist a chatbot system , it is not much accurate in providing the answer or solution

Chatbot Module

❑To make a conversation between both human and machine.

❑The machine has been embedded knowledge to identify the sentences and making a decision itself.

❑User can chat with the bot it implies as if enquiring to the college person about college related activities.

PROBLEMS AND SOLUTIONS

1.REDUCE CART ABANDONMENT

One of the most prevalent challenges in e-commerce is cart abandonment, with potential customers leaving items in their carts without completing a purchase.

2.COST EFFECTIVE GLOBAL CUSTOMER SUPPORT

If you are a business owner, you know how challenging it can be to cater to the worldwide customer base, considering all the language barriers and different time zones.2.COST

3. Adapt to growing demands

AI chatbots are an effective solution to this challenge - they can easily handle the increased volume of inquiries without additional staff.

4.Minimize human errors

 You might have observed that when working in high-pressure environments, even the most experienced agents can sometimes make mistakes. This can lead to miscommunication, customer dissatisfaction, and even loss of business.4.Minimize

Thank you