



Outline

- Problem Statement
- Objectives
- Proposed System Architecture
- Chatbot Demo Video
- Conclusion

PROBLEM STATEMENT

Numerous educational institutes face a common challenge—the absence of an effective chatbot system. Traditional chatbots, with rigid responses and limited contextual understanding, hinder optimal user engagement on college websites. This project addresses the broader issue within educational institutes by creating an advanced chatbot. The goal is to implement natural language processing and deep learning techniques, providing a dynamic and intelligent solution that enhances user interactions and elevates the overall user experience across various educational platforms.



OBJECTIVES

The following are the objectives of Project :-

- Efficient Admission Support
- Increase Number of Admissions
- Recommend Courses
- Increase Revenue
- Department-Specific Information
- Provide Real-Time Cap Round Updates
- Alumni Engagement
- Comprehensive Query Handling
- Context-Aware Responses
- Enhanced User Engagement
- Modular System Architecture



PROPOSED SYSTEM ARCHITECTURE

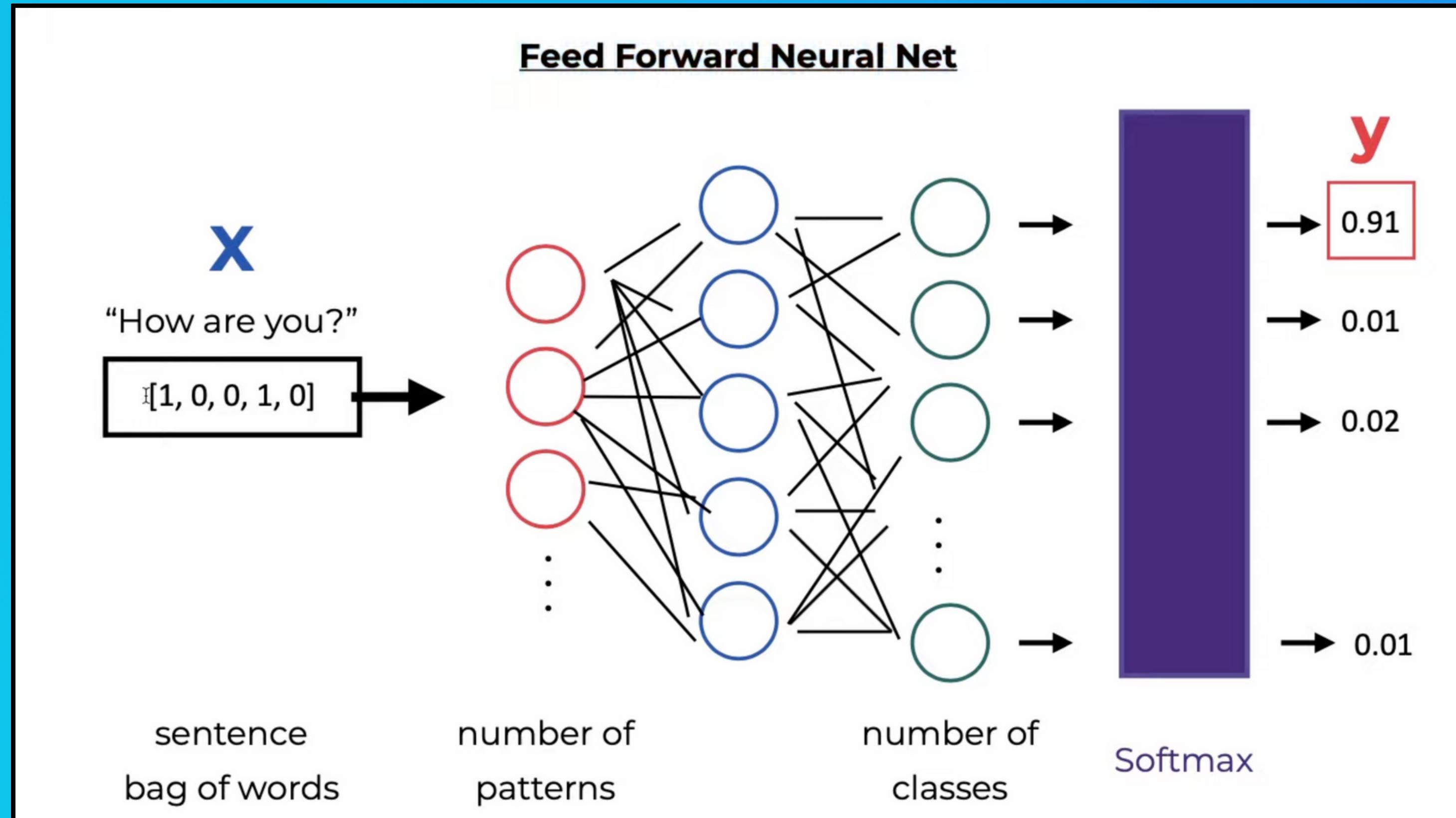
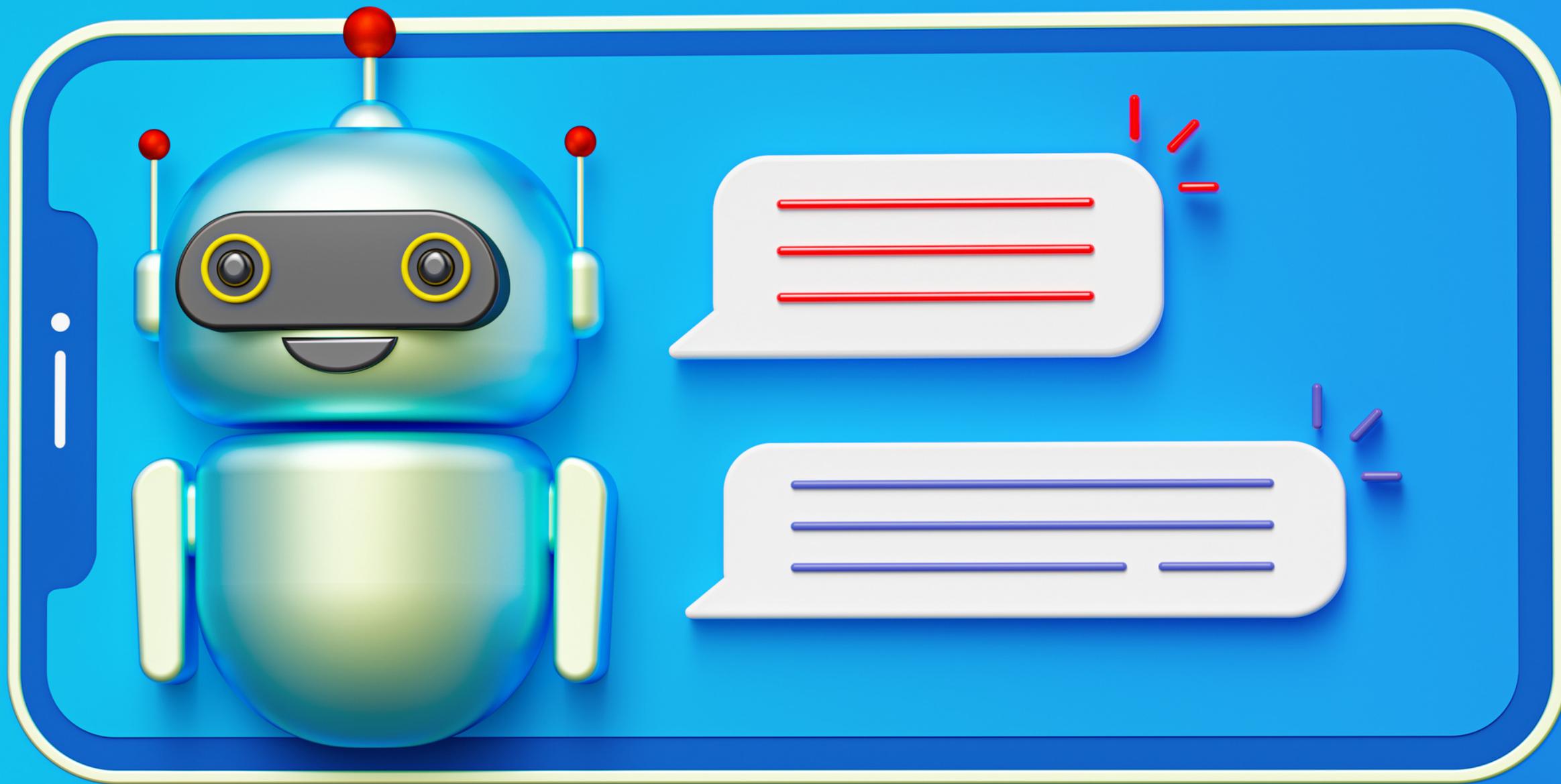


Fig.FFN

AI CHATBOT DEMO VIDEO LINK



CONCLUSION

In summary, this project pioneers a sophisticated chatbot system for educational institutes. By leveraging advanced natural language processing and PyTorch-based deep learning, the aim is to enhance user engagement and provide context-aware responses. The modular architecture ensures scalability, making it a significant advancement in the realm of educational chatbot technology.

