

Project Report: Development of Jarvis AI Chatbot

Overview:

The Jarvis AI Chatbot is designed to interact with users through both text and voice, using PyTorch and NLTK for natural language processing.

Objective:

To develop an interactive AI-powered chatbot that can understand and respond to various user queries, enhance user interaction, and provide a seamless conversational experience.

Key Features:

- Voice recognition and text-to-speech
- Real-time data fetching (time, date, web searches)
- Intent recognition with a neural network

Technologies Used:

- Python
- PyTorch
- NLTK
- pyttsx3
- PyAudio

Conclusion:

The Jarvis AI Chatbot project demonstrates the practical application of advanced machine learning and NLP techniques in developing a functional and interactive AI-powered chatbot.