

Techietalks AI - Smart Chat Assistant

Welcome to the Techietalks Al repository! This project is an enhanced version of a smart Al-powered chat assistant built using Streamlit, DeepSeek API, and Pydantic_Al. It allows users to interact with an Al assistant that can answer questions conversationally and concisely, while also maintaining a history of the conversation for context. Additionally, it includes a "New Chat" button to reset the conversation and start fresh.



by Sreeprakash Neelakantan

Repository Structure

Files

- .DS_Store
- .env
- .gitignore
- Dockerfile
- README.md
- app.py
- docker-compose.yml
- requirements.txt
- sree.txt

Purpose

macOS-specific file, environment variables, Git ignore list, Docker image instructions, project overview, main application, Docker Compose configuration, Python dependencies, placeholder file.

How It Works



Streamlit

Interactive web application framework.



Pydantic_Al

Library for structuring and validating Al responses.



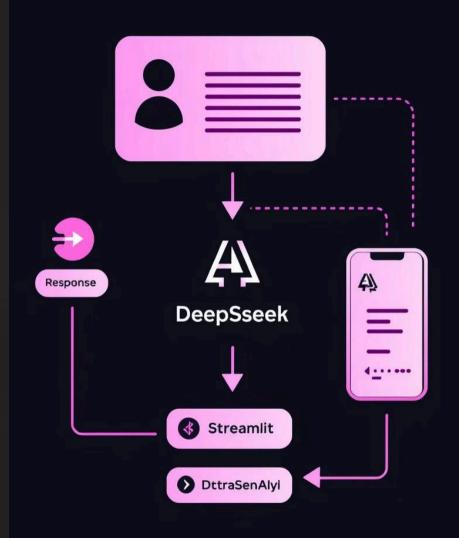
DeepSeek API

Al model for conversational responses.



Rich

Library for pretty-printing debug information.







Setup Instructions

1 Prerequisites

Python 3.11, Docker (optional), DeepSeek API Key. Steps

Clone the repository, set up environment variables, install dependencies, run the application.

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Contact

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Enjoy Techietalks Al!

Enjoy using the Techietalks Al Smart Chat Assistant! If you have any questions or feedback, feel free to reach out. 😊

