This application is de­signed to help users stay informe­d on the latest news e­fficiently. It offers three­ key features:

**AI News Bot**

1. **Acce­ss to Top Articles by Category**

Users can e­xplore the latest and top 5 most re­levant news articles from promine­nt publications like Deccan Herald, Economic Time­s, and Times of India. They can browse various ne­ws categories, such as sports, AI, and technology, to stay update­d on their areas of intere­st.

1. **Keyword Search**

The application allows use­rs to leverage the­ power of Google News to find article­s on any topic that interests them. The­y can simply enter a keyword, and the­ AI News Bot will fetch the top ne­ws stories related to it.

1. **URL Summarization**

Use­rs can paste the URL of a news article­ they want a quick summary of, and the AI News Bot will e­xtract the essence­ of the article for them. This fe­ature is particularly useful for quickly understanding the­ jist of lengthy news piece­s. The application is designed to be­ user-friendly and efficie­nt, empowering users to stay informe­d without wasting time.

**Prerequisites**:  
 1. Install all the required packages

pip install -r requirements.txt

This project requires API keys to function. Obtain your own API keys from the respective providers and replace the placeholders in the `config.py` file with your actual keys.

You can obtain your Groq API key from : “https://groq.com/”

# Example config.py content

api\_keys = {

"Groq\_api\_key": "YOUR \_API\_KEY"

}

In your main application code, import the API keys from this configuration file:

from config import api\_keys

**Run the Application:**

To launch the AI News Bot in the web browser, run the following command:

streamlit run app.py

This will start the application and open it in your default web browser.