

Deepseek-r1 Chatbot from OpenRouter.ai visualized in web-app using Streamlit:

```
PS D:\DS_repo\GenAI\Gpt_Models> streamlit run bot5_Deepseek_StreamlitAPP.py

You can now view your Streamlit app in your browser.

Local URL: http://localhost:8501
Network URL: http://192.168.1.3:8501
```



DeepSeek Chatbot



Generative AI (Gen-AI) refers to artificial intelligence systems designed to create new content, such as text, images, music, or code, by learning patterns from existing data. These models, like GPT-4 or DALL-E, use techniques such as deep learning and neural networks to generate outputs that mimic human creativity. They are widely used in applications like content generation, design, and problem-solving.

Hallucination in AI occurs when a model generates incorrect, nonsensical, or fabricated information that is not grounded in reality or its training data. This is a common challenge in generative models, especially in language models, where the output might appear plausible but is factually inaccurate or irrelevant. For example, a chatbot might invent a fake historical event or provide incorrect scientific facts.

Key Differences:

- **Gen-AI:** Focuses on creating new content through pattern recognition.
- **Hallucination:** A limitation where outputs deviate from accuracy or coherence.

Addressing hallucinations involves improving training data, refining model architectures, and implementing validation mechanisms to ensure reliability.

Ask me anything...

