What is Generative AI?
What are LLMs and SLMs?
What is a RAG?
What are AI Agents?

Generative AI creates new content, like text or images, based on patterns in data. Large Language Models (LLMs) are a powerful form of this AI, generating human-like text, while Small Language Models (SLMs) focus on specialized tasks with less data. Retrieval-Augmented Generation (RAG) enhances these models by pulling in external information for more accurate results.

AI Agents use generative AI to autonomously perform tasks such as writing or research. Together, they represent cutting-edge advancements in automation and creativity.

Learn it all on generativeai.net.

"AI can not only boost our analytic and decision-making abilities but also heighten creativity."

— Harvard Business Review

The Power of Generative AI

Generative AI is revolutionizing communication, work, and innovation.

With tools like ChatGPT, Gemini, and ClaudeAI reaching millions of users, its impact is undeniable.

Its widespread use on GitHub shows its transformative power. Already reshaping industries, its influence will only expand.

Let's explore some key applications:

Text Generation

Text Generation involves using machine learning models to generate new text based on patterns learned from existing text data. The models used for text generation can be Markov Chains, Recurrent Neural Networks (RNNs), and more recently, Transformers, which have revolutionized the field due to their extended attention span. Text generation has numerous applications in the realm of natural language processing, chatbots, and content creation.

☐ Application: ChatGPT, developed by OpenAI, is a successful platform that uses Text Generation to generate human-like responses in chat conversations.