OpenAI is an artificial intelligence research organization based in San Francisco. It was founded in December 2015 by Elon Musk, Sam Altman, and others. The mission of OpenAI is to ensure that artificial general intelligence benefits all of humanity.

One of OpenAI's major products is ChatGPT, a large language model capable of generating human-like responses in real-time conversations. ChatGPT is powered by GPT (Generative Pretrained Transformer) technology, which has gone through several versions, with GPT-4 being one of the most advanced models.

OpenAI has also developed Codex, a model trained to generate code based on natural language prompts. Codex powers GitHub Copilot, which helps developers write code faster.

In addition to research and product development, OpenAI focuses on safety, alignment, and ethical AI deployment.