History of OpenAI

Originally, OpenAI's primary focus revolved around creating AI and machine learning tools specifically for video games and recreational applications. Shortly after its establishment on December 11, 2015, within less than a year, OpenAI introduced its initial AI solution, an open-source toolkit known as OpenAI Gym, designed to facilitate the development of reinforcement learning (RL) algorithms. As time progressed, OpenAI shifted its attention towards broader AI advancements and conducted extensive research in the field over the subsequent two years.

In 2018, OpenAI released a report aimed at providing an explanation of the Generative Pre-trained Transformer (GPT) to the global audience. GPT refers to a neural network or machine learning model designed to emulate human brain functionality. It undergoes training on vast datasets to generate outputs, which can include responses to user inquiries.

In March 2019, OpenAI underwent a transition from a nonprofit organization to a for-profit entity and officially became known as **OpenAI LP**. It became a subsidiary under the control of its parent company, OpenAI Inc. Almost two years later, **in January 2021, OpenAI introduced Dall-E, an innovative generative AI model. Dall-E analyzes natural language text provided by human users and then generates images based on the textual descriptions.**

At the beginning of 2023, Microsoft made a public commitment to invest billions of dollars in OpenAI. However, Microsoft's interest in the company is not a recent development. Back in July 2019, OpenAI entered into a multiyear partnership with Microsoft, resulting in the integration of AI-powered computing products into Microsoft's cloud platform, Azure.

Microsoft's recent investment in OpenAI goes beyond Azure and extends to its search engine, Bing. Utilizing the same technology developed for ChatGPT, Microsoft is working on creating an AI-enhanced version of Bing. Furthermore, **AI-based features have been incorporated into Microsoft's Edge browser, and the functionality of ChatGPT is being integrated into Microsoft 365 products such as Outlook and Teams.**