CHAT GPT

Chat GPT is an artificial intelligence online chatbot that receives questions from the users and provides a detailed response back to the user. The questions range from scientific questions to how to write a cover letter. In order to achieve this, they would need to use a natural language processor to understand the language the human user is using.

Chat GPT is a generative language model based on the “transformer” architecture. These models can process large amounts of text and learn to perform natural language processing tasks very effectively. Chat GPT applies many areas of NLP including Question Answering (to understand the user’s question and find an answer), Sentiment analysis (to understand the tone the user is using), Automatic Summarisation (to be able to summarize a large passage, for example), Text classification (to be able to classify a certain answer into categories) and Language Translation (to translate between languages).

These models are capable of processing large amounts of text and learning to perform natural language processing tasks very effectively. The GPT-3 model, in particular, is 175 billion parameters in size, making it the largest language model ever trained. To work, GPT needs to be “trained” on a large amount of text. For example, the GPT-3 model was trained on a text set that included over 8 million documents and over 10 billion words. From this text, the model learns to perform natural language processing tasks and generate coherent, well-written text. Once the model is well trained, GPT can be used to perform a wide range of tasks, as we have seen in the previous section. Reinforcement learning, based on human feedback, was used for training. Ultimately, by supervised fine tuning. The human AI trainers provided conversations in which they represented both the user and the AI assistant. In addition, the coaches were provided with written suggestions to help them write their proposals. So, they mixed this new dataset with the InstructGPT dataset that was transformed into a dialog format