

GPT-3

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In June of 2020, OpenAI released the beta version of GPT-3, an AI language processor to the world. It had been trained on basically the entire internet to respond to human language prompts. It can answer in any language in a way that is hard to distinguish from a human, and even wrote an article about itself when prompted by a reporter. GPT-3, which was originally supposed to be open source, is still a publicly available AI. It does have some flaws though. First of all, it takes a very long time to form a response, so even a simple question is often not worth the wait. It has also been shown to have a poor comprehension of the meaning of words, instead it can only understand the relationship between words.

But despite this, it is still a clearly impressive feat, which no doubt could have implications in many areas of the world. Already existing NLP applications will improve drastically. We could also see this tech maybe even expand into other new fields. In terms of human development, it would be incredibly helpful for translation. Natural language processing has always been a tool that can improve typical translation models. GPT-3 is NLP on another whole level. As of right now it is able to talk in multiple languages, however I haven't been able to find any articles about anyone using it to translate, and the one mention of translation that I did find said that GPT-3 probably wouldn't do any better than a tool created specifically for translation. However, if researchers were to use the techniques behind GPT-3 to create a translation tool, they could have something much more accurate than google translate (especially considering it would be based off of the internet, and therefore include modern slang and colloquialisms). Anyone who has studied a language before knows that translation is difficult, and using something like google translate won't get you all that accurate of a result. And translation is so important for human development research. For instance, for this project I had to translate a document from french in order to find the survey variables I needed. Although

GPT-3 is flawed in its current form, it's hopefully the first step to creating improved translation techniques.