Abstract

This project focused on understanding the side effects of "specializing" a large language model such as GPT2-XL on the task of Knolwedge Graph Generation. It was theorized that is kind of "specialization" may lead to a decrease in the performance of the models in other language modelling and understanding tasks such as multiple choice selection, text entailment, word sense disambiguation and other similar tasks. This comparision was conducted by taking a baseline (non-specialized) GPT2-XL model and comparing its performance with a "specialized" GPT2-XL model used for Knowledge Graph Generation.