

Assignment 2 Reflection

When working on the P+X transformations logically the words that were predicted by the chatgpt-2 model made more sense in the context of the end of each sentence which is a result to be expected from this exercise. I have also noticed that the farther I made predictions with the x being more and more high, the resulting predictions made less and less sense in the context of the sentence. In fact, on the contrary resulting predictions with a higher value for x had the tendency to sound absurd as the last word predicted by the AI model. That is why I chose a higher value of x to make sure that the resulting output sounds funny, witty and absurd. One difficulty that I had however was to make sure that all the replaced words did not include punctuation, so I made sure to adjust the code so that this would not happen. For the implementation of the P+7 technique in which all nouns are replaced with their seventh-highest probability alternatives : I would write the code to specifically make sure the noun is not in a dictionary and or follow an article like “the” or “a”. Then I would apply the same technique as used currently in the code to generate noun predictions, and that only nouns are being replaced in the text.