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CART 498
A2
Self Reflection

After experimenting with alternating the X value several times, it became clear that it didn't have a significant impact on the overall quality of the poem. One might expect that as the algorithm moved further away from its initial predictions, the poem would become more absurd and chaotic. However, the absurdity seemed to level off after a point, remaining somewhat consistent throughout. There were a few instances where the algorithm made small corrections, such as using the right part of speech—like a noun where a noun was needed, instead of introducing an unexpected proposition. Overall, it seemed that the algorithm was fairly good at understanding sentence structure, but as the predictions grew more unpredictable, its grasp on that structure began to falter. One could, therefore, notice the machine's understanding of sentence structure and how that could be increased or decreased with the manipulation of the code.

To implement a technique that would replace all the nouns in the sentence I personally would add a step in the middle of the process where all the nouns are identified by the algorithm and replaced by one character like a dash. Then I would have to rerun the sentence into the token identifier function giving the algorithm specific instructions to predict a word in the space where the dashes would be. And then print out the new sentence. This would be significantly more challenging as creating a prompt that will understand the dash symbol as a space in the sentence that should be replaced would be much more complicated, not to mention what happens when there are inevitably multiple nouns in one sentence. I might have to run one sentence through multiple times per how many nouns it has.