Ryan Bujold 40250368
CART 498
Assignment 2 - P+7 (Oulipian Language Modeling)
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When asking for less likely predictions for the next word, the tone of the text changed somewhat. In the first P+7 version, the words make it sound like a poem of some kind. I think the first sentence really sets the tone with “One must have a mind of her.” It’s like some kind of strange love letter or a remorseful piece dedicated to someone. The second text feels more like something from a fantasy novel. Like a grand declaration of a wizard maybe. Instead of words like “her” and “voice”, it’s “power”, “danger”, “golden” and “presence.” It changes the context to something more intense, like a great call to action. It’s clear that the meaning of the text was altered greatly with just a few changes. Even if not intentional by the machine, I was able to make some sense of the strange words.

Something that was noticeable about changing the predicted word, was the errors. It was difficult to get the algorithm to produce results that didn’t include single letters or half words. The odd results reveal the tokenization a bit more clearly. It makes sense considering I have butchered its options. I imagine if it were a text of the least likely words possible, it would just become gibberish.

If I wanted to do this again with replacing nouns, it would be much more difficult. Because the AI already seems to think “sp” is a word. I think the model would need to be tough which tokens or combinations of tokens make up a noun. Examples of sentences that have nouns in them and identifying them would help it. Perhaps these token combinations could be tokenized as well. Then the AI could see which token combos create nouns. Then it would just be the same as my current P+7 code, just searching for nouns instead of words.