COMP 4230
Fall 2024
Prof. Stucki

Assignment #9: TensorFlow Lab 5

The material in Moroney chapters 7 & 8 will be essential to this assignment. I recommend using Colab for this assignment, but it is not a requirement (until the last part of Task 2).

Task 1:
- Use Chapter 7 as a tutorial for doing NLP with RNNs in TensorFlow. Follow along with all the steps to replicate Moroney's results.
- Turn in your version of Figures 7-21 and 7-22. Also test your version with the 4 sample sentences from *The Onion*, and turn in your model's results.

Task 2:
- Use Chapter 8 as a tutorial for using TensorFlow to create text.
- Turn is a sample of generated text that you think is interesting.
- Run the Shakespeare Colab module (https://oreil.ly/cbz9c) mentioned at the end of the chapter. After completing the section "Generate Text", turn in the text that was generated.

Turn in your lab via email by Friday, December 6.