

1 Tokenizing

Methods Used

What methods did you use and try to tokenize the sonnets?

Modifications

Did you have to make changes to the way you tokenized after running the algorithm and seeing the results?

2 Algorithm

Packages Used

What packages did you use for the algorithm?

Parameters Used

What decisions did you have to make when running the algorithm and what did you try? e.g. number of states

Effect On Sonnets

How did this affect the sonnets that were generated

3 Poetry Generation

How?

How did you generate your poem?

How to get to look like a sonnet?

How did you get your poem to look as much like a sonnet as possible?

Do they make sense?

What makes sense/what doesn't about the sonnets generated?

4 Visualization and Interpretation

Hidden State Meaning

For at least 5 hidden states give a list of the top 10 words that associate with this hidden state and state any common features these groups.

Properties of Hidden States

What are some properties of the different hidden states? e.g. Correlation between hidden states and syllable counts, connotations of words, etc.

Visual representation

Make a visual representation of the correlation between states and words

5 Additional Goals

e.g. rhyme/meter

6 Extra Credit: RNN

What did you use to collect more data and what packages did you use for RNN/LSTM? Compare/contrast the effect of these algorithms to HMM and why you think they were better or worse

7 Conclusion

Division of work

Discoveries

What are your conclusions/observations about the models you used and the sonnets generated?

Challenges

Concluding Remarks

- hey there