**Overall Information**

* We will complete this assignment **together** in class over the course of two weeks. You should submit the final assignment here.
* You will be scored as complete/incomplete for this assignment.
* You must submit a report with code and interpretation within the same document. This report should be created within markdown or jupyter notebooks.

**Find Text**

* Use the same feature extraction data from the last classification assignment.

**Classify**

* Use at least two classification algorithms to predict the outcome of the data.
* Include the model assessment of these predictions for all models.
* Write a paragraph summarizing the results from your comparisons. What models are best? Are there any general differences/similarities in prediction you see? How well is each category label classified? What might you do to make the model better?

**Interpret**

* Use eli5 to determine what predicts each category label.
* Interpret the results by writing a paragraph explaining the output from this package.