313-Recitation 6: AI/ML

**Goal:** During this recitation, student will learn to setup and use Lime to demonstrate explaining predictability in AI/ML.

**Task:**

1. Install IPython:  
   <https://ipython.org/install.html>
2. Install Lime:  
   <https://github.com/marcotcr/lime>
3. Complete the first Lime tutorial:  
   [Basic usage, two class. We explain random forest classifiers.](https://marcotcr.github.io/lime/tutorials/Lime%20-%20basic%20usage%2C%20two%20class%20case.html)
4. Generate results for a different document by changing the document index.

Provide prediction probabilities: \_\_ for atheism, \_\_ for christian for document index \_\_.