

# 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.](#)
4. Generate results for a different document by changing the document index.  
Provide prediction probabilities: \_\_ for atheism, \_\_ for christian for document index \_\_.