CS-344 Guide 7

* First steps with tensorflow:
  + Do you believe that tensorflow can be used to encode anything you can imagine?
  + Compare and contrast tf.estimator vs. SciKit-Learn
  + What is a tensor?
  + Note: we include the pandas tutorial below; save the tensorflow and synthetic features tutorials for the lab
* Generalization:
  + Occam’s razor:
  + IID:
  + Stationarity:
* Training and test sets:
  + Should we randomize our examples before splitting the train/set sets? If so, why; if not, why not?
* Validation set:
  + Compare and contrast train vs validation vs test datasets
* Pandas: Do Google’s Intro to Pandas