**Intro to Data Science Fall 2018**

* **Week 3**
  + In Class: Supervised modeling techniques
    - Monday: Linear and Logistic regression
    - Wednesday: Trees and Forests
  + Project goal: Have your data set chosen for the project. Have the data cleaned and ready for modeling
* **Week 4**
  + In Class: Additional pre and post modeling steps
    - Monday: Feature Engineering, Cross Validation
    - Wednesday: Advanced model evaluation and Time Series
  + Project goal: Fit at least 2 models on your data set. Run model comparison to find the best model
* **Week 5**
  + In Class: Unsupervised learning and Dimensionality reduction
    - Monday: K-Means clustering and DBSCAN
    - Wednesday: PCA and Regularization
  + Project goal:(Extra step, not required) Feature engineer the data set, re-fit models, add additional models, add additional evaluation metrics.
* **Week 6**
  + In Class: More Python and Presentations
    - Monday: Pickles, Grids and Pipelines, FFN, CNN
    - Wednesday: Presentations and RNN
  + Project goal: Prepare slides and present