- **Machine Learning (Spring 2019):**
  - **Course Description**
    - (From course site) Machine learning is a subfield of Artificial Intelligence that gives computers the ability to learn and/or act without being explicitly programmed. Applications of machine learning have permeated many aspects of every-day life and can be found among others in self-driving cars, speech recognition, computer vision, and genomics. Topics include supervised and unsupervised learning (including parametric and non-parametric models, clustering, dimensionality reduction, deep learning), optimization procedures, and statistical inference. The objective of this course is to teach fundamental methods of machine learning with focus on the theoretical underpinnings, practical implementations, and experimentation.
    - [Reference Link](#)
    - For more information, see the ml_syllabus.pdf document included in the *CSCE_633_Machine_Learning* directory.