Books and Notes:
1. Kevin Murphy Book 1: https://probml.github.io/pml-book/book1.html
2. Kevin Murphy Book 2: https://probml.github.io/pml-book/book2.html
3. Tom Mitchell: https://www.cs.cmu.edu/~tom/mlbook.html
4. Deep learning book: https://www.deeplearningbook.org/

Midterm 2 Syllabus
- Support Vector Machines
  - Slides. svm-lec10.pdf, svm-opt.pdf and loss_functions-lec11.pdf
  - Readings. SVM tutorial by Chris Burges (see the link under books given above, Sections 3 and 4 from the tutorial) and Murphy: Chapter 17 (section 17.3)
- Evaluating Machine Learning Algorithms
  - Slides: Eval-ML-Algorithms.pdf
  - Tom Mitchell Book
- Loss Functions
  - Slides: loss_functions-lec11.pdf
  - Readings: Kevin Murphy Book 1
- Clustering
  - Slides. Clustering-new.pdf
  - Murphy Book 1, Chapter 21 (up to section 21.4)
- Bayesian networks
  - Slides. BN-rep1.pdf
  - Murphy Book 2, Chapter 4 (see section 4.2)
- Bayesian networks inference
  - Slides. BN-Inf.pdf
  - See Notes on BN.pdf
- Bayesian networks parameter learning
  - Slides. BN-learn.pdf
  - Murphy Book 2, Chapter 4 (see section 4.2)