

Reading #2

- Manning et al. (2008): Chapter 15
 - 15.1: SVM: the linearly separable case
 - 15.2: Extensions to the SVM model
 - soft margin classification
 - multiclass SVMs
 - Nonlinear SVMs
- Due date: Feb 16

Questions

- Q1: What is a hyperplane? What does each axis in the feature space represent?
- Q2: What does SVM try to optimize?
- Q3: What is a kernel? What's the benefit of using kernels?
- Q4: What is soft margin? Why do we need it?