

CS 66: Machine Learning

Prof. Sara Mathieson

Spring 2019



Outline for April 29

- Announcements
- SVM followups from guest lecture
- Machine Learning in Genetics

Announce

* Office Hours
TODAY 12:30-2pm

* Ethics reading
for Wed/Fri

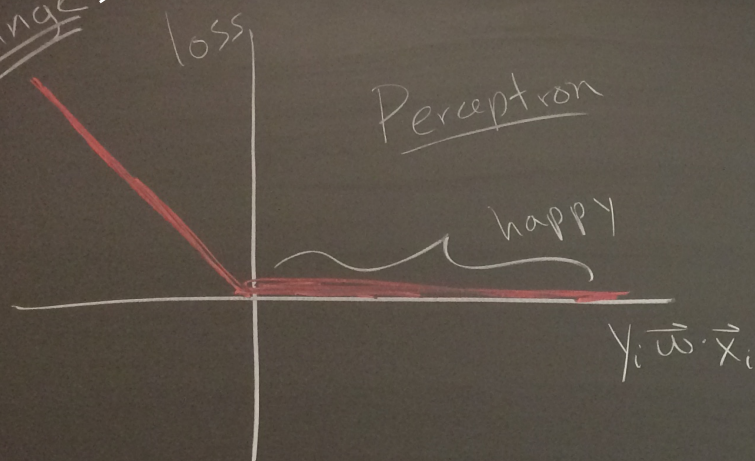
* Exam back
Wed or Fri

* Project checkin
during Lab

Hinge

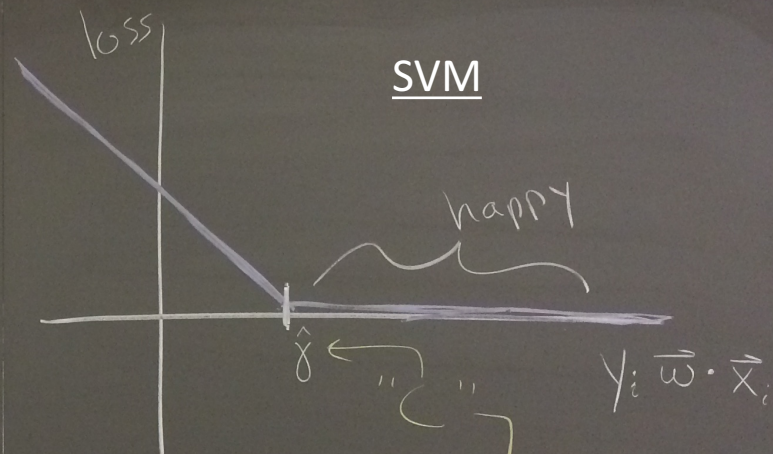
$J_i(\vec{w})$

Hinge Loss



$$J_i(\vec{w}) = \max(0, -y_i \vec{w} \cdot \vec{x}_i)$$

SVM



$$J_i(\vec{w}) = \max(0, \hat{\gamma} - y_i \vec{w} \cdot \vec{x}_i)$$

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Slides not posted online, let me know if you would like a copy or more information