# Course Logistics and Information

Machine Learning
Fall 2015

# Basic information

Course website:
http://svivek.com/teaching/machine-learning/fall2015/

Discussion forum: Canvas (link on course website)

Class will be videotaped and streamed live for the big data certificate program

- Lectures will be posted on the website

We will use Canvas for all managing submissions and grades

# People and meetings

- Lectures: Tue, Thu 2:00 - 3:20 PM, WEB L101
- Instructor: Vivek Srikumar
  - Office: 3126 MEB
  - Office hours: Tue, Thu 3:30 PM or by appointment
- Teaching assistants
  - Nic Bertagnolli (Office hours: Wed 10 AM – 11 AM)
  - Abhinay Duppelly (Office hours: TBA)
  - Xingyuan Pan (Office hours: Fri 4:30 PM – 5:30 PM)
- Use the discussion board as the primary medium of communication
  - Except, of course, for confidential/personal stuff
  - Email turnaround time may be longer. **Please prefix any emails with the class number!**
- Look for announcements on class website
  - Will be mirrored on Canvas

# How will you learn?

See details on class website

- Pre-requisites
  - Basic probability theory and statistics
  - Linear algebra
  - CS skills to be able to reason about algorithms and implement them

- No required text book, class is self contained
  - Any required material will be made available
  - Lectures will be posted on class website
  - A growing collection of resources (linear algebra, probability) on the website

- Grading
  - Homeworks + quizzes (36%)
  - Midterm exam (20%)
  - Final exam (20%)
  - Final project (24%)

# Homeworks See details on class website

- Five-six homeworks in all. Roughly one every 2-3 weeks
  - Graduate students may have extra questions
- May involve a programming component
  - Any language okay, but must run on the CADE machines
- Only digital submissions on Canvas will be accepted
- Late policy
  - Assignments will be accepted up to 24 hours after the deadline with a 10% penalty
    - i.e a 90 will be come 90 – 9 = 81.
  - Will not be accepted after that

# Projects See details on class website

- Goal: To show (yourself, me and everyone) what you have learned
  - Use ideas you see in the lectures and homeworks
  - We can talk about it
  - Make it interesting
- Groups of up to two students
- Several milestones for projects
  - See class website for more information
  - Important milestone coming up: Form a project group by Sep 15

# Class policies See details on class website

- Collaboration and cheating
  - Collaboration is strongly encouraged, cheating will not be tolerated
  - The School of Computing policy on academic misconduct
    - If you haven't already done this, read and sign the SoC policy acknowledgement form within two weeks
  - Acknowledge sources and discussions
  - Your submissions (homeworks, text, code, proofs, projects, etc) should be your own
- Access
  - If you need any assistance, please contact me as soon as possible

# Who are you?

- Class survey available on Canvas
- You can answer it or any part of it if you want
- Goal: To help me design the lectures for you

# Announcements

1. If you are unable to register for the class, please attend the first couple of lectures as if you were registered.
    1. CS grad student cap will be increased
    2. Others will need permission codes: Will process them through this week

2. Quiz 0 is available on canvas
    - Due on Sep 3
    - For you to refresh your memory about prerequisites

3. Please fill up the survey