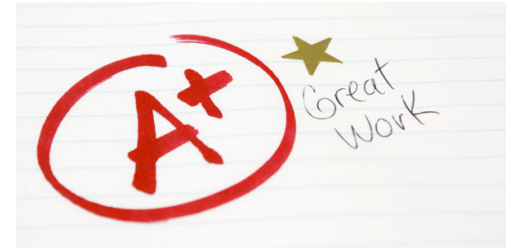# CS 6375 Machine Learning

Anurag Nagar

# Administrative Issues

- Syllabus is uploaded

- Extensive use of eLearning

- Use of Piazza for discussion

- Please respect class times, office hours, policies.

- Use Piazza for sending message to instructor, or if you send email mention class and section number in subject:

e.g. CS 6375.00x – Assignment 1 doubts
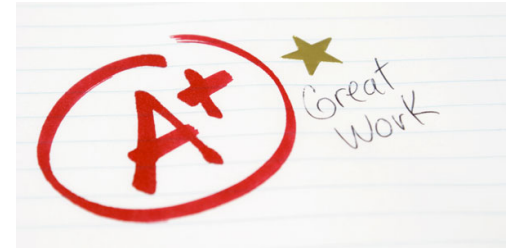
# Grading



- Weightage:

25%   Homework

10%   Project

25%   Midterm

25%   Final

15%   Quizzes & Class Participation

# Grading Policies

- Collaboration:

- Assignments:

Pair programming => you can team up with another student from the class.

* many benefits
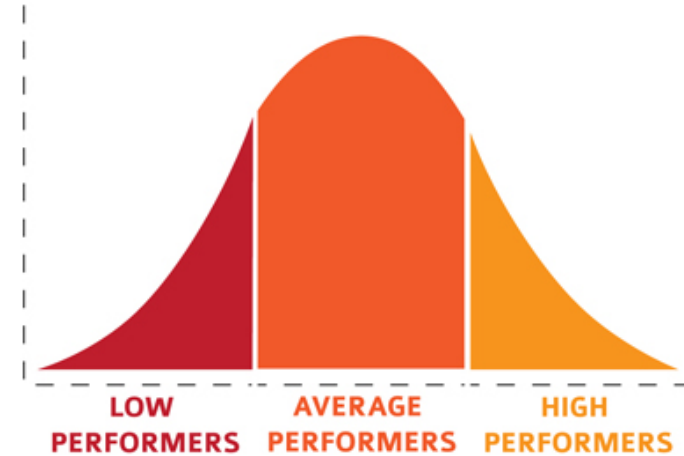
 - Project:

You can work in a teams of 2 – 4 students

* allows you to build a better product that you can be proud of and display to employers.
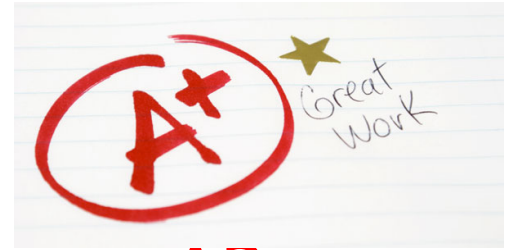
# Grading



## How is your grading??

Based on following ideas:

- Grade on a curve - relative

- Fair to everyone

- Reward for regular class attendance & participation

- Not a way to punish or give free rides to students

- Follow tradition of top schools

e.g. allow students to experiment, reward original work, choose own projects, allow students to propose topics they would like to study (or even present to others)

# Grading

OK…But what should I do to get an A?

Excel in all classwork, exams, projects ☺

# Textbooks

- Listed in syllabus.
- Tests will be from material covered in class and readings from textbook.

# Administrative Issues

- Suggestions:

  - Regular attendance and participation will pay off.

  - Keep up with class, homework, and projects.

  - If you have difficulty understanding a topic, please contact the TA or instructor.

# Administrative Issues

- Exems:
- Midterm will have material covered upto that time in class
- Final will be comprehensive

Announcements about location of exam will be made through eLearning email or Piazza.

# Expectations from Instructor

- Expect reply to email within 24 – 48 hours during week days to all <span style="color:red">__academic__</span> issues.

- Fair and equal treatment to all students.

- You can ask questions from any course topic – there are no silly questions ☺

- Instruction will be supplemented with tutorials, review, and lab sessions.

- Responsive teaching, feedback is always appreciated.

# Expectations from Students

- Try to attend all classes. Be on time.
- Participate in classroom activities
  - Discussion
  - Problem solving
  - Ask intelligent questions
- <span style="color:red">Academic Honesty</span>
- Don't be obsessed with grades – they will follow knowledge
  learning => knowledge => grades

# Expectations from Students

- Accepting class policies.
- Unless specifically mentioned, no cooperation is allowed.
- Be a good classroom citizen
  - No cellphone use in class
  - Laptops only for academic use
  - Civil behavior towards fellow students, TA, and instructor.
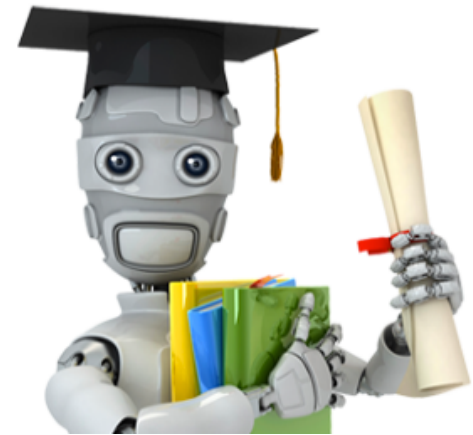  - Negative behavior will be noted

# Non-negotiable

- Date of midterm & final

** Exception in case of verified sickness**

- Final grade after posting

** We get requests, for reasons such as internship, visa, jobs, TA requirement, etc **

# Approach to ML

- ML can be theoretical.
- Also can be very practical.

My approach is a mixture of both, tending more towards the practical side.

We will, of course, have plenty of theory.

Good background in probability and statistics