Machine Learning and Big Data
CSE741: Course Introduction

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Outline

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1. Seminar Details

2. Grading

Class Details

- Seminar Information
  - Wednesday (11.00 AM - 12.30 PM)
  - 125 Baldy Hall
- Class web page - Piazza
  - `https://piazza.com/buffalo/fall2018/cse741/home`

Instructor

- Varun Chandola
  - `http://www.cse.buffalo.edu/~chandola`
  - Email: chandola@buffalo.edu
  - Office: 212 Capen Hall
  - Phone: (716) 645-4747
- Office Hours: 1.00 PM - 3.00 PM Tuesdays

Piazza

- Primary medium of communication
- All announcements, slides, polls, etc. will be made available through Piazza.
- Questions?
  1. General post to all (*Name will be visible*).
     - Choose appropriate folder.
  2. Private post to instructors
- Interact.

UB Box

- https://buffalo.app.box.com/folder/ 52956982460
- Collaboration platform for paper discussions
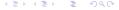- Expect an invitation to join the discussion forum

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Course Content

- Grading Components
- **1 paper presentation**
    - Choose a paper from a list of papers
    - Make a 40 minute presentation followed by 10 minute Q&A
    - **Unsatisfactory presentation means repeat on a later date**
    - Compile feedback from other students (through Box) and submit a report
    - The report should contain responses to the questions posted by other students
- **Paper feedback**
    - Please provide at least one strength and one weakness about each paper
    - **Project Component** - not for students enrolled for 1 credit
        - One project done in a team of 2 or 3
        - We will provide a list of potential topics
        - Key idea: Big problem + big data + big infrastructure
        - 1 page project report due at the end of the semester
        - Interim progress report expected during the middle of the semester
        - Project demonstration (scheduled for the last week)

What do I need to pass?

- Acceptable presentation (more about this later)
- Paper report
- Responses for papers each week
- *Project proposal*
- *Project report and code*

Paper Presentations

- Tentative list at - https://www.cse.buffalo.edu/~chandola/teaching/mlseminardocs/mlseminar_readinglist.html
- Please choose a paper and enter it in the Box forum
  - Be early
- Order of papers will be decided randomly
- What is an acceptable presentation?
  - Tell us what **you** think of the paper
  - What contributions is the paper making
  - By the end of the presentation, the entire class should understand the paper
  - Not allowed: reciting the paper, presentations made by the original authors, etc.
  - Do not have to present the entire paper

Checklist

- Signup for Piazza
- Signup for Box
- Choose a paper and enter on Box - first presentation next week
- Start thinking about project ideas and project team