CS490DSC Data Science Capstone Course Introduction

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First things first...

• Website: https://www.cs.purdue.edu/homes/jhonorio/22spring-cs49000dsc.html
  - TAs
  - Learning objectives
  - Textbooks
  - Grading
  - Late policy
  - Schedule
Learning objectives

- Identify the business objectives in a complex real-world problem
- Develop appropriate data science goals and project plan
- Implement the appropriate data pre-processing and analysis models
- Evaluate the above models, and interpret results with respect to the business objectives
- Present the project outcomes through written reports and digital/oral presentations
Lectures

• Do not miss lectures
  - Ask questions when things are unclear

• Slides are available before lecture on the course website and Brightspace
  - Whiteboard notes are also available after lectures

• Lectures will be
  - regular lectures
  - case study
  - your presentations (majority of lectures)

• I might cancel some lectures
  - e.g., due to conferences or visits to universities
  - Check e-mail and course website
Grading

• **Team participation**
  - Business understanding report: 10%
  - Data understanding report: 10%
  - Data preparation report: 10%
  - Modeling report: 20%
  - Evaluation report: 10%
  - Deployment report: 10%

• **Individual participation**
  - Quizzes/attendance: 5%
  - Presentation of team project: 20%
  - Critique to other teams during presentation: 5%
Late policy

• Do not miss any of the 6 team report assignments
  - Check your email and course website

• Assignments that are submitted after the specified deadline will incur a 10% reduction in score per day late

• Submission through Brightspace
Project

• Each team will consist of 6 students
• Start thinking about your team members now!
  - If you do not find a team, I will assign you to a team randomly
• Every team member should make similar effort
  - The first page of each assignment includes the names of the team members and the percentage of effort made by each
• Each team will get assigned a TA
  - Your team will meet regularly with your assigned TA
• More details later
TAs

• Your team will meet regularly with your assigned TA
  - Nikhil Goyal
  - Yonghan Jung
  - Jiacheng Li
  - Syed Mahmood
  - Tanmaya Udupa

• I do not hold regular office hours

• If after interacting with the TA, you still do not understand the material, please contact me asap
  - This has never happened so far in other courses
  - Send me an e-mail and we can arrange a meeting
Piazza

• Ask questions in Piazza
  - Do not ask questions to me or TAs through email, unless your question relates to (possible) inaccuracies in your grades

• Wait up to one business day for an answer

• Never ask questions one business day before an assignment deadline