

CS6301: Machine Learning for Engineers and Scientists

Spring 2019 Project Presentations

Presentation Guidelines

- Each team will have a **10-minute slot**:
 - 7 minutes for a **spotlight presentation**
 - 3 minutes for **questions/discussion**
- Your presentation **must not exceed 7 minutes**, so plan accordingly
- Have a lot of pictures!
- Cite all your sources!
- Practice your presentation at least once
 - make sure you're within the time limit
- Please **e-mail a PPT/PPTX/PDF** of your presentation to me **no later than 9am of the morning of your presentation**
- There is no need to bring your laptop, we will use the classroom computer for all the presentations

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It is **recommended** (not mandatory) that you organize your presentation as follows:

- **Problem Description and Motivation:** *describe your domain and why it is interesting, set up your problem as a learning task (classification, regression, etc.,)*
- **Challenges:** *describe the main challenges one would face when dealing with this domain/data; this can be challenges in data gathering, representation, formulation, learning, scalability or domain-specific challenges*
- **Machine Learning Methods:** *describe what ML techniques you will use and why you chose them; if it is a method that we've not covered in class, briefly explain it; briefly describe the implementation (or provide links to resources you're using)*
- **Evaluation Plan:** *describe your experimental setup, and especially your **baselines**; what metrics will you use to compare your methods*
- **Expected/Preliminary Results:** *if you have preliminary results, you can include them here*
- **Conclusions:** *discuss your results (including negative results), what you've learned and possible future work*