MSA 8200 Predictive Analytics
Final Project

Project Description:

Each team will formulate a problem about predictive analysis. You will need to find your own data set and come up with your own business questions. **Each team will have 20 mins to present their work (15 mins presentation + 5 mins Q&A)**.

The presentation and the report should cover (at least) the following items:
1. Problem Statement.
2. Data description
3. Different approaches you have tried and the results.
4. Conclusions and business insights.

Evaluation:

The presentation and the report will be evaluated by
1. Quality of the analyses, such as
   a. whether you used the correct technique/models,
   b. rigorous of the analysis, including preprocessing steps.
   c. whether the results are described appropriate.
2. Quality of the presentation, such as
   a. The clarity of your talk.
   b. The clarity of the slides, e.g. the data description, the completeness of the plots (legend, colors), whether the key takeaways are made clear on each slide.
   c. Whether the questions are adequately addressed.
3. For each team member, how much you contributed to the project.

Project Deadlines:

1. Presentation is scheduled at the last week of the class (Apr. 20/21). A sign up sheet will be shared to sign up for individual time slot.
2. Report, presentation slides, data and reproducible codes are due on iCollege at Apr. 24, 11:59 Pm. Make sure to include comments in your codes to make them self-explanatory. If more than one code file is submitted, please also include a readme file documenting the purpose of each file.