

STA695 Final Project

April 5, 2018

For this project, you'll work in groups of two. You can use any language or software of your choosing. The goal of this project is to introduce yourself and the class to an data-analysis/ML/data extracting method that we haven't covered in much detail. The topic you choose is completely up to you, and could be related to your personal research.

Here are some suggested topics that are pretty cool :

- Simple NLP analysis (<https://www.r-bloggers.com/natural-language-processing-tutorial/>)
- Using APIs to get data from the web (<https://www.dataquest.io/blog/python-api-tutorial/>)
- Unsupervised Learning - Manifold Learning, Recommender Systems
- A tutorial to some module or package in Python or R.
- Analysis of data when $p \gg n$ -FDR, variable selection, etc.
- Larry Wasserman used to have a great blog with tons of interesting issues - <https://normaldeviate.wordpress.com/>
- <https://www.r-bloggers.com/> has a lot of interesting analyses that would be easy to present.

Please prepare a 10-15 minute presentation for the class on your topic.

Due Date - April 26