

Final Project II

### Currently



- What You Should Have?
  - A Data Set
  - Exploration on Multiple Angles
  - Preliminary Visuals or Tables
  - Detailed Follow-Up Questions
  - Investigation on Questions
- Final Steps
  - Narrow Down All Work to Two Questions of Interest
  - Practice Predictive Modeling
  - Use Multiple
  - Evaluate and Compare Models on Predictive Accuracy

### Currently



- Presentation and Paper
  - Highly Related
  - All Group Members Should Be Involved in Both Parts
  - Advice: Paper → Presentation
- Feel Free to Notify Me if...
  - A Member has Dropped
  - A Member has Avoided Work
  - A Member has Been Utterly Useless
  - A Member is Outstanding
- Full Privacy in Email



- RMarkdown Template Included
- Sections of Paper
  - Introduction
  - Data
  - Results
  - Conclusion
- Read Description and Look at Template Provided Online
- Detailed Rubric Combines
   Objectivity and Subjectivity



- Introduction
  - States Two Questions
  - Explains Why They Are Interesting or Important
  - Should Excite the Reader
  - Grading
    - 2 Clearly Defined Questions
    - Am I Interested?
    - Free of Errors



#### Data

- Describes
  - Source of Data
  - Variables of Interest
  - Observations
- Descriptive Figures and Stats
  - 1 Table Printed Nicely
  - 1 Figure Printed Nicely
- Grading
  - Data Adequately Described
  - Table (2 Points)
  - Figure (2 Points)
  - Free of Errors



#### Results

- Use Predictive Modeling Techniques for Questions
- Clearly Explain the Methods and Models Considered
- Multiple Models For Each Question
- Clearly Explain the Results and How They Answer Your Question



#### Results

- The Longest Part of the Paper
- Advice: Organize Into Subsections
- Grading
  - Appropriate Methods with Multiple Models
  - Adequate Explanation of Results
  - 4 Figures and/or Tables
     (2 Points Each)
  - Free of Errors



- Conclusion
  - Restate Questions Along with Summarized Results
  - Why are These Results
     Interesting to Those Who May
     Care about the Data?
  - Where Do We Go from Here?
  - Grading
    - Summarize Questions and Results
    - Do I Want to Learn More?
    - Free of Errors

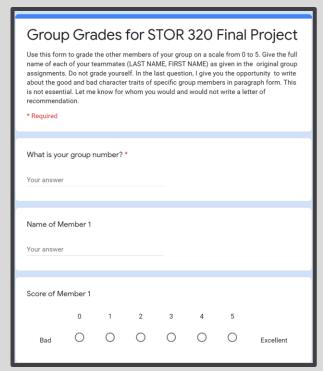


- Final HTML (D)
  - Submit on Sakai
  - No R Code echo=FALSE
  - Figures Should Be Labeled,
     Colored, and Appropriate
  - Tables Should Be in HTML
    - xtable Package
    - kable Package
  - Completely Free of Grammatical/ Spelling Error



### Group Scoring (CIOD)

See Google Form Link



- Score Members from 0 to 5
- Don't Score Yourself
- Don't Fill Out Form if Giving Each Group Member a 5

### Part 4 Final Presentation



- Select 1 of 2 Questions (CIOD)
- Presentation Details (O)
  - 4-7 Minutes
  - Slideshow Presentation
  - At Least 4 Visuals (Graphics or Tables)
  - Ordered by Group Number
- Subjective Grading (O)
  - Explanation of Question
  - Explanation of Methods
  - Organization of Content
  - Eye Contact/Body Language
  - Slide Quality

### Part 4 Final Presentation



- All Members Involved (CIOD)
  - Creation of Slides
  - Organization of Content
  - Practice Presentation
  - Proofreading of Slides
  - Attendance (5 Points)
- Submit Slides on Sakai (D)
- Read Description on Course Website

Closing



# Disperse and Make Reasonable Decisions