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
  - Build Multiple Models to Answer those Questions
  - Evaluate and Compare Models

Currently

- Presentation and Paper

  - Highly Related
  - All Group Members Should Be Involved in Both Parts
  - Advice
    - Paper ➡ Presentation
    - Presentation ➡ Paper

- Feel Free to Notify Me if…
  - A Member has Dropped
  - A Member has Avoided Work
  - A Member has Been Utterly Useless

- Full Privacy in Email

Part 4
Final Paper

- Intentionally Going Backwards

- RMarkdown Template Included

- Sections of Paper
  - Introduction
  - Data
  - Results
  - Conclusion

- Read Description and Look at Template Provided Online

- Detailed Rubric Combines Objectivity and Subjectivity

Part 4
Final Paper

- 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

Part 4
Final Paper

- 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

Part 4
Final Paper

- 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

Part 4
Final Paper

- 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

Part 4
Final Paper

- 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

Part 4
Final Paper

- Final HTML
  - Submit on Sakai by Deliverer
  - No R Code
  - Figures Should Be Labeled, Colored, and Appropriate
  - Tables Should Be in HTML
    - xtable Package
    - kable Package
  - Completely Free of Grammatical/ Spelling Error

Part 4
Final Paper

- Final Ranking
  - Rank Members According to Their Level of Contribution
  - Rank Goes From 1 to Number of Members
  - Required to Rank Yourself
  - Every Member Gets a Different Number (No Ties)
  - Submit on Sakai Before Final Paper is Due
  - CSV Template on Website

Name	Rank
James, Lebron	4
Smith, J.R.	1
Lue, Tyronn	2
Love, Kevin	3

Part 3
Final Presentation

- Select 1 of the 2 Questions

- Details
  - 3-5 Minutes
  - Slideshow Presentation
  - At Least 4 Visuals (Graphics or Tables)
  - Ordered by Group Number
  - Submit Slides on Sakai

- Subjective Grading (1, 2, or 3)
  - Explanation of Question
  - Explanation of Methods
  - Organization of Content
  - Eye Contact/Body Language
  - Slide Quality

Part 3
Final Presentation

- All Members Involved
  - Creation of Slides
  - Organization of Content
  - Practice Presentation
  - Proofreading of Slides
  - Q & A
  - Attendance (5 Points)

- Questions From Audience
  - Maximum of 2 Questions
  - Ability to Answer (2 Points)
  - No Q's = 2 Points

- Read Description on Course Website

Closing

Disperse and Make Reasonable Decisions