Final Project Guidelines

Overview

The course project is your opportunity to work with the course instructors and TFs to explore a topic in depth. The list of topics includes sports, social issues, finance and commerce. You will work in groups of 2 or 4 students. If you are looking for project partners, we suggest you post on Piazza.

Milestones

1. **Mon, July 2: Group Creation and Project Selection** (2 points)

   Make a group for your team (2 - 4 students) by choosing from pre-made Canvas Groups labeled [f] Final - Group #, and select your team's first and second choice for a project topic. If you do not have a group you still need to submit your preferred project topics, and we will assign you to a team.

2. **Fri, July 13, Scope of Work and Preliminary EDA** (3 points)

   Submit the Scope of Work form on Canvas. The Scope of Work form will prompt you for the following information:

   - Project statement. The project goal in the posted project description is not fully formulated or tuned. Based on the project description and references, state a well-defined question that you'll address in the project.
   - Preliminary EDA. Explain your plans for preliminary data exploration. Please take care when specifying your plans, so that team members can work individually on these tasks if need be.

3. **Fri, July 27: EDA and Revised Project Statement** (15 points)

   Submit a 2 - 3 page revised project statement and EDA to Canvas. Your submission should include:

   - A description of the data: what type of data are you dealing with? What methods have you used to explore the data (initial explorations, data cleaning and reconciliation, etc)?
   - Visualizations and captions that summarize the noteworthy findings of the EDA.
   - A revised project question based on the insights you gained through EDA.
   - A baseline model.

   Feedback on this milestone will be given on August 3.

4. **Fri, August 10: Project due** (80 points)
   Submit your final project on Canvas. Your submission includes

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- Jupyter notebook with relevant code (30 points),
- Report presented on a website (45 points = 40 points content + 5 points for style), and
- A peer evaluation of each team member (5 points)

A template for the report will be posted on Canvas.