Final project for ESE335

Spring 2023

1. Goals

The final project of ESE335 is designed to be a capstone of the course. It is intended to be an original data analysis using real data, treating the problem in-depth, and presenting your results in a formal manner.

The topic can NOT be part of the student's research in the past. The topic and scope should be approved by the instructor. If you have problems in finding suitable topics, please contact the instructor ASAP. Science (or data-science) questions should be clearly articulated, and then addressed using tools covered in the class.

2. Requirements

Primary product:
A poster with a clear style and format. A poster template will be provided, feel free to customize it. List bibliography and citations to data sources.

Send to TA:
- The actual data sets that were used in the work (even if the data set is downloadable, the data set itself is required). Formats may be flat ascii, csv, or R-objects as .RData.
- The code and scripts used in the analysis. The instructor and TA should be able to reproduce your results by running the code and scripts.
- Send those to your TA before the poster session.

Presentation:
A 5-minute quick presentation to the class, followed by questions from the class.
Time: TBD
Location: TBD

Score:
Your project will be judged based on the quality of the poster, depth of analysis and visualization, presentation, and handling of questions.