In the term project, you will be working in a group of 2 people on a topic of your choice, and will have an opportunity to demonstrate the best of your ability in developing solutions for a practical data visualization problem.

**Project Requirements**: Your project ought to involve the visualization techniques discussed in this class, as well as some real world datasets. You are required to use either VTK or D3 programming platform. If you plan to use any additional visualization tool or API, please provide details in your proposal and the final report.

**Submission Requirements**

1. You need to submit (via Canvas) a one-page project proposal by April 4. The proposal will include descriptions of data source, expected results, and visualization techniques and tools to be used.

2. Each team will need to give a 8 minutes powerpoint presentation on April 25 to present your work and to demonstrate your visualization results.

3. In the final submission, in addition to your source codes and executables, you are also required to submit a project report, which includes the following sections: background, technique descriptions, results (including images), and discussions (interpretation of results, insight gained, etc.).

**Grading Criteria**

1. Technical difficulties (30%)

2. Quality of results (30%)

3. Presentation quality (20%)

4. Final Report quality (20%)