

CS 327E Final Project: Milestone 6

Prerequisites:

1. Completed Milestone 4.
2. Continuing to work with your partner.

Write a joint report with your partner that summarizes your experiences with the projects for this course. The projects span from Lab 1 all the way to Milestone 4. The report should describe your approach to each project, the implementation results that you obtained, and the technical challenges that you both faced along the way. It should also analyze the advantages and disadvantages of your solutions to the technical problems that you faced.

The report should cover the following topics: exploration of the datasets and challenges of modeling the data in a relational database; the data loading methods, the quality checks and transformations applied to the raw data; and the analysis queries and views that produced the visualizations. The report should conclude with lessons learned, unexpected results, unsolved problems, and any other issues that remain open.

If you are not familiar with technical report writing, please consult these resources: technical writing guide [\[1\]](#) and two sample project reports from previous semesters [\[2\]](#) [\[3\]](#).

The length of the report should be 10 pages, double-spaced. You can include ER diagrams, code samples, and screenshots of visualizations as appropriate, but those will not count towards the page length.

The report should be formatted as pdf. Name the file **final_report.pdf** and push it to your **final-project** folder of your GitHub repo.

The deadline for this milestone is **Monday, 12/11 at 11:59pm**. Follow our standard procedure for submitting your work.

References:

- [1] Valduriez et. al, Some Hints to Improve Writing of Technical Papers, Project Rodin INRIA:
<http://www.cs.utexas.edu/~scohen/projects/writing-hints.pdf>
- [2] Jonathan Ong and Prarthana Neotia, Final Project Report, CS 327E Fall 2016:
https://github.com/cs327e-fall2017/snippets/blob/master/final_report_fall_2016.pdf
- [3] Carl Jonsson and Surya Suravaram, Final Project Report, CS 327E Spring 2017.
https://github.com/cs327e-fall2017/snippets/blob/master/final_report_spr_2017.pdf